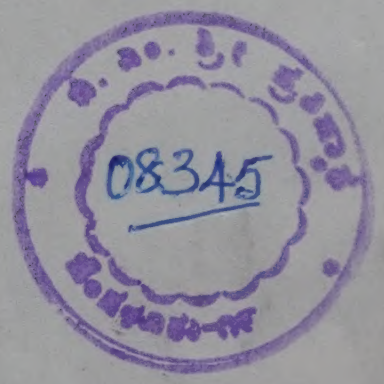
AN
INDIAN EPHEMERIS

A.D. 700 TO A.D. 1799

VOL. 6



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L.D. SWAMIKANNU PILLAI

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AN
INDIAN EPHEMERIS
A.D. 700 TO A.D. 1799

SHOWING

THE DAILY SOLAR AND LUNAR RECKONING ACCORDING TO THE PRINCIPAL SYSTEMS CURRENT IN INDIA WITH THEIR ENGLISH EQUIVALENTS

ALSO

THE ENDING MOMENTS OF TITHIS AND NAKSHATRAS

AND

THE YEARS IN DIFFERENT ERAS, A.D., HIJRA, ŚAKA, VIKRAMA, KALIYUGA, KOLLAM, ETC., WITH A PERPETUAL PLANETARY ALMANAC AND OTHER AUXILIARY TABLES

BY

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VOL. VI—A.D. 1600 TO A.D. 1799

AGAM PRAKASHAN
DELHI

read off in this book, as in a pocket diary, "*Anala* samvat, *Chittirai* 1" or "*Meṭam* 1," "*Anala* samvat *Adhika Chaitra* bahuḷa panchadaśi," "nakshatra Rēvati" and "Hijra 221 Rabī-ul awwal 28."

4. *Solar and lunar reckonings.*—The various calendar systems followed in this country fall into two main groups, namely, the solar reckoning, comprising the English, Tamil, Malayālam, Oriya and Bengali reckonings; and the lunar reckoning, used all over India, and including the Muhammadan and Jewish reckonings. The Indian calendar is sometimes styled luni-solar, because its lunar months and years cannot recede by more than 29½ days from the corresponding solar months and years, whereas the Muhammadan or Hijra year recedes by 10 or 11 days every year and will therefore be found to commence in all months of the Indian and English years.

5. *Column headed "Month and Day."*—Solar months in India are generally named in Sanskrit after the rāśis or signs of the zodiac, "Mēsha," "Ṛishabha," etc., but in Tamil they are also known by another set of names, more or less modified from names of nakshatras or lunar months, namely, "Chittirai," "Vaikāśi," etc. Both sets of names, "Mēsha-Chittirai," "Ṛishabha-Vaikāśi," "Mithuna-Āṇi," etc., are quoted in this column. The days of the solar month are reckoned according to an ancient Tamil practice, from the sankrānti of the *Ārya* siddhānta. The rules for determining the commencement of the solar month, according to the Tamil, Malayālam, Oriya and Bengali systems, with examples, are given in paragraph 12, Chapter I of Volume I. A difference of a whole day or of two days would ordinarily be found between days of the Tamil solar months and the corresponding Bengal days. It should also be noted that the days of the same Tamil month are not the same in number every year. Thus Chittirai has ordinarily 31 days, but may occasionally have 30.

6. *Nakshatras and tithis.*—Every Hindu feast, fast and festival (except sankrāntis) is connected with either a tithi or a nakshatra or both. A mean tithi extends over ·98 of a day, while a mean nakshatra extends over 1·01 days; but the solar and lunar anomalies may make a tithi longer or shorter by ·58 of a day as a maximum, while the lunar anomaly may similarly affect a nakshatra to the extent of ·38 of a day. Hence the irregular lengths, in time, of tithis and nakshatras, which make the Indian system so complicated in appearance, but which constitute a most valuable check in chronological studies. Hence also the curious fact that what ought to be a normal state of things, namely, each day having a single tithi and a single nakshatra, is seldom noticed on the successive days of a *whole* month. Such a phenomenon occurred throughout the month of Vaiśākha, Wednesday 26th March, to Friday 25th April, A.D. 822, and again, throughout the month of Phālguna, Saturday 26th February, to Monday 28th March A.D. 830. It follows from what has been stated that in the course of a lunar month two tithis or two nakshatras may ordinarily be found either to occur on the same day or to cover parts of three days, the middle day in the latter case being without a tithi, or without a nakshatra of its own. Cases of the same day having two tithis *as well as* two nakshatras, as on *Kārttika, bahuḷa* 11 and 12 (Wednesday, 30th October A.D. 709), and other cases (e.g., Saturday, 27th June A.D. 705) in which a day had neither a tithi nor a nakshatra of its own can be easily traced with the aid of this book.

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7. *Adhika and kshaya months.*—Occasionally, that is, seven times in 19 years, a lunar month is repeated twice in the course of the same year. For instance, in the year A.D. 836 there are two Chaitras, one reckoned from Monday 21st February, to Tuesday 21st March, and the other from Wednesday 22nd March, to Wednesday 19th April. The first month in such cases has the prefix *adhika* (= additional), and the second the prefix *nija* (= true). Both prefixes are duly and clearly marked in the Ephemeris. More rarely also, a lunar month is suppressed altogether, and in such cases is known as *kshaya* (= suppressed). Thus in A.D. 770, the month *Pausha*, which ought to have occurred in December-January, was suppressed. The omission of a kshaya month is noted by N.B. at the foot of the page where required. The rules for determining the date of occurrence of additional and suppressed months are clearly given in paragraphs 89 to 91, pages 30, 31 of Volume I of this work.

8. *Nakshatras and Ending Moments of Nakshatras.*—A complete list of Indian nakshatras, with the fixed stars, as identified by different authorities is given in Volume I, page 35, paragraph 101. The practice of reckoning by nakshatras is peculiar to India and China, and has existed in each of these countries from very ancient times. In India, in Vedic times, a lunar month had no other name than that of the nakshatra in which the moon of that month became full. To this day, *Chaitra* is the month in which the moon becomes full when occupying "Chitrā" nakshatra, and so on for the other months. The concurrence of certain tithis with certain nakshatras is thus fixed within narrow limits for every month in the year, and the student of inscriptions should be familiar with the table of concurrence (see the *Eye-table*, section **s**).

9. *Note on broken periods.*—It is of some importance that the reader dealing with the Indian or any other calendar should know thoroughly how to reckon broken periods. It is generally a question of addition or subtraction, but unless one goes through the process with some reflection, there is a danger of adding or subtracting 1 too much.

To take the simplest case, how many days are there from Friday in one week to Tuesday in the next? Most people would use their fingers in such a case and answer "4" or "5" according as they began the reckoning with Friday or with Saturday. Such uncertainty is fatal to exact reckoning, and we should therefore follow rules whereby we may avoid all uncertainty.

First of all, we must always note that the question is intelligible only with reference to the *next subdivision of the unit of the broken period*: that is, in this case, from a particular *hour* on Friday to the same *hour* on Tuesday. This makes the meaning quite clear. From 6 a.m. on Friday to 6 a.m. on Tuesday following, there are 4 complete days: and the proper way to answer the question is to convert Friday and Tuesday into week-day figures 6 and 3, and to add a whole period (7) to 3 before deducting 6. Thus, $7 + 3 = 10$; from 10 take 6, and we have the answer, 4 days. Some exercise is necessary in order to do even these simple week-day problems correctly.

The rule about *adding a whole period* when we have to reckon from a fraction of one period to a fraction of the next is equally important. How many days are there from 6 a.m. 23rd October in one year to 6 a.m. 15th March in the next, the second being a leap year? If we refer to the *Eye-table*, section **q**, we shall

find that 23rd October is 206 days from 1st April, and 15th March (where we have had to pass 29th February) is 350 days from 1st April. Deduct 206 from 350 days. Answer, 144 days.

To take another case, suppose we are required to deduct the longitude of Jupiter from the longitude of the Sun, it being given that the former is 300 degrees and the latter 29 degrees. To answer this question we must first add 360 degrees (the whole period in this case) to 29, and then from the total 389 subtract 300; answer, 89 degrees.

When the 1st of a Tamil month is the 15th July, what will be the 7th of the Tamil month? In such cases we must *make the same addition to, or the same deduction from, the one side as we make in regard to the other.* In the example before us, the addition to be made is 6, and the answer, 21st July.

When the 1st of a Tamil month is the 15th July, what will be the 29th of the Tamil month? We add 28 to each side. Therefore the answer is 15 + 28 = 43rd July, from which we deduct the whole of the completed period (July =) 31 days. Final answer, 43 *minus* 31 = 12th August.

MADRAS,
January 1922.

L. D. SWAMIKANNU.

AN INDIAN EPHEMERIS

(A.D. 1600 TO A.D. 1799.)

A.D. 1600. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 27·99.** **Śaka 1522.** **Kaliyuga 4701.**
Lunar Eclipse. ○ **(Arya Sid.) March 27·91.** **(S. Cycle) Śārvari.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	● Jan.					**March.**					**May.**			
4	Tues. 1	10 ·13	16 ·18	24	4	Sat. 1	11 ·41	22 ·97	25			13 ·00		
5	Wed. 2	11 ·18	17 ·24	25	5	Sun. 2	12 ·36	23 ·93	26	4	Thur. 1	14 ·90	1 ·30	27
6	Thur. 3	12 ·21	18 ·30	26	6	Mon. 3	13 ·29	24 ·88	27	5	Fri. 2	—A ·80	2 ·23	28
7	Fri. 4	13 ·22	19 ·33	27	7	Tues. 4	14 ·21	25 ·82	28	6	Sat. 3	1 ·71	3 ·19	—29
8	Sat. 5	14 ·21	20 ·34	28	8	Wed. 5	—A ·12	26 ·75	—29	7	Sun. 4	2 ·63	4 ·12	1
9	Sun. 6	—A ·18	21 ·33	—29			1 ·03			8	Mon. 5	3 ·56	5 ·07	2
10	Mon. 7	1 ·14	22 ·30	1	9	Thur. 6	2 ·93	27 ·69	1	9	Tues. 6	4 ·53	6 ·04	3
11	Tues. 8	2 ·07	23 ·28	2	10	Fri. 7	3 ·83	1 ·62	2	10	Wed. 7	5 ·47	7 ·03	4
		3 ·99			11	Sat. 8	4 ·73	2 ·55	3	11	Thur. 8	6 ·45	8 ·05	5
12	Wed. 9	4 ·90	24 ·21	3	12	Sun. 9	5 ·64	3 ·49	4	12	Fri. 9	7 ·46	9 ·08	6
13	Thur. 10	5 ·81	25 ·15	4	13	Mon. 10	6 ·56	4 ·44	5	13	Sat. 10	8 ·48	10 ·12	7
14	Fri. 11	6 ·71	26 ·08	5	14	Tues. 11	7 ·49	5 ·41	6	14	Sun. 11	9 ·52	11 ·19	8
			27 ·01		15	Wed. 12	8 ·45	6 ·39	7	15	Mon. 12	10 ·59	12 ·28	9
15	Sat. 12	7 ·61	1 ·95	6	16	Thur. 13	9 ·42	7 ·39	8	16	Tues. 13	11 ·67	13 ·38	10
16	Sun. 13	8 ·51	2 ·88	7	17	Fri. 14	10 ·40	8 ·40	9	17	Wed. 14	12 ·75	14 ·49	11
17	Mon. 14	9 ·42	3 ·82	8	18	Sat. 15	11 ·40	9 ·44	10	18	Thur. 15	13 ·83	15 ·60	12
18	Tues. 15	10 ·35	4 ·78	9	19	Sun. 16	12 ·44	10 ·51	11	19	Fri. 16	14 ·91	16 ·70	13
19	Wed. 16	11 ·29	5 ·75	10	20	Mon. 17	13 ·49	11 ·58	12	20	Sat. 17	P ·97	17 ·78	14
20	Thur. 17	12 ·25	6 ·73	11	21	Tues. 18	14 ·56	12 ·68	13	21	Sun. 18	... ...	18 ·86	15
21	Fri. 18	13 ·21	7 ·75	12	22	Wed. 19	P ·63	13 ·78	14	22	Mon. 19	1 ·02	19 ·92	16
22	Sat. 19	14 ·19	8 ·77	13	23	Thur. 20	1 ·71	14 ·89	15	23	Tues. 20	2 ·05	20 ·95	17
23	Sun.○ 20	P ·20	9 ·82	14	24	Fri. 21	2 ·80	... ...	16	24	Wed. 21	3 ·05	21 ·96	18
24	Mon. 21	1 ·24	10 ·89	15	25	Sat. 22	3 ·88	15 ·00	17	25	Thur. 22	4 ·03	22 ·95	19
25	Tues. 22	2 ·29	11 ·97	16	26	Sun. 23	4 ·95	16 ·09	18			5 ·99		
26	Wed. 23	3 ·35	... ...	17	27	Mon. 24	... ...	17 ·18	19	26	Fri. 23	6 ·94	23 ·92	20
27	Thur. 24	4 ·43	12 ·08	18	28	Tues. 25	5 ·00	18 ·24	20	27	Sat. 24	7 ·87	24 ·89	21
28	Fri. 25	5 ·53	13 ·18	19	29	Wed. 26	6 ·03	19 ·28	21	28	Sun. 25	8 ·79	25 ·84	22
29	Sat. 26	6 ·61	14 ·29	20	—30	Thur. 27	7 ·02	20 ·30	22	29	Mon. 26	9 ·69	26 ·78	23
—30	Sun. 27	7 ·69	15 ·39	21	1	Fri. 28	8 ·00	21 ·31	23	30	Tues. 27	10 ·59	27 ·71	24
1	Mon. 28	8 ·76	16 ·48	22			9 ·97			—31	Wed. 28	11 ·49	1 ·64	25
2	Tues. 29	9 ·81	17 ·56	23	2	Sat. 29	10 ·92	22 ·30	24	1	Thur. 29	12 ·39	2 ·58	26
3	Wed. 30	10 ·85	18 ·62	24	3	Sun. 30	11 ·85	23 ·26	25	2	Fri. 30	13 ·29	3 ·51	27
4	Thur. 31	11 ·86	19 ·65	25	4	Mon. 31	12 ·77	24 ·22	26	3	Sat. 31	14 ·19	4 ·45	28
	Feb.					**April.**					**June.**			
5	Fri. 1	12 ·84	20 ·66	26	5	Tues. 1	13 ·68	25 ·16	27	4	Sun. 1	—A ·11	5 ·41	29
6	Sat. 2	13 ·81	21 ·65	27	6	Wed. 2	14 ·58	26 ·10	28			1 ·04		
7	Sun. 3	14 ·77	22 ·64	28				27 ·03		5	Mon. 2	2 ·99	6 ·37	—30
8	Mon. 4	—A ·70	23 ·60	29	7	Thur. 3	—A ·48	1 ·96	29	6	Tues. 3	3 ·95	7 ·37	1
9	Tues. 5	1 ·62	24 ·54	—30	8	Fri. 4	1 ·38	2 ·89	—30	7	Wed. 4	4 ·93	8 ·37	2
10	Wed. 6	2 ·53	25 ·48	1	9	Sat. 5	2 ·28	3 ·83	1	8	Thur. 5	5 ·94	9 ·39	3
11	Thur. 7	3 ·44	26 ·41	2	10	Sun. 6	3 ·19	4 ·79	2	9	Fri. 6	6 ·96	10 ·43	4
12	Fri. 8	4 ·34	27 ·45	3	11	Mon. 7	4 ·11	5 ·74	3	10	Sat. 7	... ..	11 ·50	5
13	Sat. 9	5 ·24	1 ·28	4			5 ·04			11	Sun. 8	7 ·01	12 ·58	6
14	Sun. 10	6 ·14	2 ·22	5	12	Tues. 8	6 ·99	6 ·72	4	12	Mon. 9	8 ·08	13 ·68	7
15	Mon. 11	7 ·05	3 ·16	6	13	Wed. 9	7 ·96	7 ·71	5	13	Tues. 10	9 ·15	14 ·79	8
		8 ·97			14	Thur. 10	8 ·94	8 ·72	6	14	Wed. 11	10 ·23	15 ·89	9
16	Tues. 12	9 ·90	4 ·11	7	15	Fri. 11	9 ·94	9 ·76	7	15	Thur. 12	11 ·31	... ...	10
17	Wed. 13	10 ·86	5 ·08	8	16	Sat. 12	10 ·98	10 ·82	8	16	Fri. 13	12 ·39	16 ·00	11
18	Thur. 14	11 ·83	6 ·07	9	17	Sun. 13	... ...	11 ·89	9	17	Sat. 14	13 ·45	17 ·09	12
19	Fri. 15	12 ·82	7 ·07	10	18	Mon. 14	11 ·03	12 ·98	10	18	Sun. 15	14 ·50	18 ·17	13
20	Sat. 16	13 ·82	8 ·09	11	19	Tues. 15	12 ·09	... ...	11	19	Mon. 16	P ·53	19 ·23	14
21	Sun. 17	14 ·85	9 ·13	12	20	Wed. 16	13 ·16	13 ·08	12	20	Tues. 17	1 ·53	20 ·27	15
22	Mon. 18	P ·90	10 ·19	13	21	Thur. 17	14 ·25	14 ·19	13	21	Wed. 18	2 ·51	21 ·28	16
23	Tues. 19	1 ·97	11 ·28	14	22	Fri. 18	P ·33	15 ·30	14	22	Thur. 19	3 ·47	22 ·28	17
24	Wed. 20	... ...	12 ·38	15	23	Sat. 19	1 ·41	16 ·40	15	23	Fri. 20	4 ·42	23 ·26	18
25	Thur. 21	2 ·05	13 ·48	16	24	Sun. 20	2 ·48	17 ·48	16	24	Sat. 21	5 ·35	24 ·23	19
26	Fri. 22	3 ·14	14 ·59	17	25	Mon. 21	3 ·52	18 ·55	17	25	Sun. 22	6 ·27	25 ·17	20
27	Sat. 23	4 ·23	15 ·69	18	26	Tues. 22	4 ·55	19 ·59	18	26	Mon. 23	7 ·17	26 ·11	21
28	Sun. 24	5 ·31	16 ·79	19	27	Wed. 23	5 ·55	20 ·63	19			8 ·07	27 ·05	
29	Mon. 25	6 ·38	17 ·87	20	28	Thur. 24	6 ·54	21 ·64	20	27	Tues. 24	9 ·97	1 ·99	22
—30	Tues. 26	7 ·42	18 ·93	21	29	Fri. 25	7 ·50	22 ·62	21	28	Wed. 25	10 ·86	2 ·92	23
1	Wed. 27	8 ·45	19 ·97	22	30	Sat. 26	8 ·44	23 ·59	22	29	Thur. 26	11 ·76	3 ·85	24
2	Thur. 28	9 ·46	20 ·98	23	—31	Sun. 27	9 ·37	24 ·55	23	30	Fri. 27	12 ·67	4 ·79	25
3	Fri. 29	10 ·44	21 ·99	24	1	Mon. 28	10 ·29	25 ·50	24	31	Sat. 28	13 ·59	5 ·74	26
					2	Tues. 29	11 ·20	26 ·44	25	—32	Sun. 29	14 ·52	6 ·70	27
					3	Wed. 30	12 ·10	27 ·37	26	1	Mon.● 30	—A ·47	7 ·69	28

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phas. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1600. **Kollam 776,** { **N. Malabar—Aug.** **Hijra 1009.** **Vikrama 1657.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences July 3. **Bengal San. 1006.**
P—Paurnimā. **(N. Cycle) Kīlaka.**

July.

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning. Tithi ending Moment.		SOLAR reckoning. Nakshatra ending Moment.		LUNAR reckoning. Muhammadan year, month and day.
Śārvari. **Karkaṭaka—Ādi.**							*H.* 1009 *Muharram.*
2	Tues.	1	1	43	8	69	29
3	Wed.	2	2	42	9	71	—30
4	Thur.	3	3	42	10	74	1
5	Fri.	4	4	45	11	80	2
6	Sat.	5	5	50	12	89	3
7	Sun.	6	6	56	13	98	4
8	Mon.	7	7	63	...	...	5
9	Tues.	8	8	71	14	09	6
10	Wed.	9	9	80	15	19	7
11	Thur.	10	10	87	16	30	8
12	Fri.	11	11	93	17	40	9
13	Sat.	12	12	98	18	48	10
14	Sun.	13	...	...	19	54	11
15	Mon.	14	13	00	20	58	12
16	Tues.	15	14	01	21	60	13
17	Wed.	16	P 1	99	22	61	14
18	Thur.	17	2	96	23	59	15
19	Fri.	18	3	90	24	56	16
20	Sat.	19	4	83	25	51	17
21	Sun.	20	5	75	26	45	18
22	Mon.	21	6	65	27	39	19
23	Tues.	22	7	55	28	32	20
24	Wed.	23	8	45	29	25	21
25	Thur.	24	9	35	30	19	22
26	Fri.	25	10	25	31	12	23
27	Sat.	26	11	16	32	07	24
28	Sun.	27	12	07	33	04	25
29	Mon.	28	13	95	34	02	26
30	Tues.	29	14	92	35	01	27
—31	Wed.	30	—A	90	36	02	28
1	Thur.	31	1	92	37	06	29

Aug.

Śārvari. **Siṁha—Āvaṇi.**							*H.* 1009 *Ṣafar.*
2	Fri.	1	3	99	11	12	—30
3	Sat.	2	...	...	12	19	1
4	Sun.	3	4	05	13	28	2
5	Mon.	4	5	12	14	38	3
6	Tues.	5	6	20	15	49	4
7	Wed.	6	7	29	16	61	5
8	Thur.	7	8	37	17	70	6
9	Fri.	8	9	44	18	79	7
10	Sat.	9	10	48	19	85	8
11	Sun.	10	11	51	20	90	9
12	Mon.	11	12	51	21	93	10
13	Tues.	12	13	49	22	94	11
14	Wed.	13	14	46	23	92	12
15	Thur.	14	P	41	24	89	13
16	Fri.	15	1	33	25	84	14
17	Sat.	16	2	25	26	79	15
18	Sun.	17	3	16	27	73	16
19	Mon.	18	4	06	1	66	17
20	Tues.	19	5	96	2	59	18
21	Wed.	20	6	86	3	52	19
22	Thur.	21	7	76	4	46	20
23	Fri.	22	8	67	5	41	21
24	Sat.	23	9	59	6	37	22
25	Sun.	24	10	52	7	34	23
26	Mon.	25	11	46	8	33	24
27	Tues.	26	12	43	9	34	25
28	Wed.	27	13	42	10	38	26
29	Thur.	28	14	43	11	43	27
30	Fri.	29	—A	46	12	50	28
—31	Sat.	30	1	51	13	58	—29
1	Sun.	31	2	58	14	68	1

Sep.

Śārvari. **Kanyā—Puraṭṭāśi.**							*H.* 1009 *Rabī-ul awwal.*
2	Mon.	1	4	74	15	80	2
3	Tues.	2	5	83	16	90	3
4	Wed.	3	6	90	...	...	4
5	Thur.	4	7	96	17	00	5
6	Fri.	5	...	..	18	03	6
7	Sat.	6	8	00	19	16	7
8	Sun.	7	9	04	20	22	8
9	Mon.	8	10	04	21	25	9
10	Tues.	9	11	03	22	26	10
11	Wed.	10	12	99	23	25	11
12	Thur.	11	13	94	24	22	12
13	Fri.	12	14	87	25	18	13
14	Sat.	13	P 1	79	26	13	14
15	Sun.	14	2	70	27	07	15
16	Mon.	15	3	60	1	00	16
17	Tues.	16	4	50	2	93	17
18	Wed.	17	5	40	3	86	18
19	Thur.	18	6	30	4	81	19
20	Fri.	19	7	21	5	75	20
21	Sat.	20	8	13	6	70	21
22	Sun.	21	9	07	7	67	22
23	Mon.	22	10	02	8	65	23
24	Tues.	23	11	99	9	67	24
25	Wed.	24	12	99	10	69	25
26	Thur.	25	...	...	11	74	26
27	Fri.	26	13	02	12	80	27
28	Sat.	27	14	07	13	88	28
29	Sun.	28	—A	14	14	99	29
30	Mon.	29	1	22	...	...	30
—31	Tues.	30	2	31	15	10	—31

Oct.

Śārvari. **Tulā—Aippaśi.**							*H.* 1009 *Rabī-ul ākhir.*
1	Wed.	1	3	39	16	20	1
2	Thur.	2	4	47	17	30	2
3	Fri.	3	5	53	18	39	3
4	Sat.	4	6	58	19	47	4
5	Sun.	5	7	61	20	53	5
6	Mon.	6	8	61	21	57	6
7	Tues.	7	9	60	22	58	7
8	Wed.	8	10	57	23	58	8
9	Thur.	9	11	52	24	55	9
10	Fri.	10	12	45	25	52	10
11	Sat.	11	13	37	26	47	11
12	Sun.	12	14	28	27	41	12
13	Mon.	13	P 1	18	1	34	13
14	Tues.	14	2	08	2	27	14
15	Wed.	15	3	89	3	21	15
16	Thur.	16	4	80	4	14	16
17	Fri.	17	5	72	5	08	17
18	Sat.	18	6	66	6	03	18
19	Sun.	19	7	61	7	00	19
20	Mon.	20	8	58	8	99	20
21	Tues.	21	9	57	9	99	21
22	Wed.	22	10	59	10	01	22
23	Thur.	23	11	61	11	05	23
24	Fri.	24	12	66	12	11	24
25	Sat.	25	13	73	13	19	25
26	Sun.	26	14	82	14	29	26
27	Mon.	27	—A	91	15	39	27
28	Tues.	28	1	99	16	50	28
29	Wed.	29	...	..	17	60	—29
—30	Thur.	30	2	07	18	70	1
1	Fri.	31	3	13	19	78	2

Nov.

Śārvari. **Vṛiśchika—Kārttigai.**							*H.* 1009 *Jamādi'l awwal.*
2	Sat.	1	4	18	20	84	3
3	Sun.	2	5	22	21	88	4
4	Mon.	3	6	23	22	90	5
5	Tues.	4	7	21	23	90	6
6	Wed.	5	8	18	24	89	7
7	Thur.	6	9	14	25	85	8
8	Fri.	7	10	07	26	81	9
9	Sat.	8	11	99	27	75	10
10	Sun.	9	12	90	1	68	11
11	Mon.	10	13	80	2	62	12
12	Tues.	11	14	70	3	55	13
13	Wed.	12	P 1	60	4	48	14
14	Thur.	13	2	51	5	42	15
15	Fri.	14	3	42	6	37	16
16	Sat.	15	4	35	7	34	17
17	Sun.	16	5	28	8	31	18
18	Mon.	17	6	21	9	31	19
19	Tues.	18	7	19	10	32	20
20	Wed.	19	8	21	11	36	21
21	Thur.	20	9	24	12	41	22
22	Fri.	21	10	29	13	50	23
23	Sat.	22	11	36	14	59	24
24	Sun.	23	12	45	15	69	25
25	Mon.	24	13	54	16	80	26
26	Tues.	25	14	63	17	91	27
27	Wed.	26	—A	70	...	...	28
28	Thur.	27	1	76	18	01	29
—29	Fri.	28	2	82	19	09	—30
1	Sat.	29	3	85	20	15	1
2	Sun.	30	4	86	21	20	2
			5	85	22	22	3

Dec.

Śārvari. **Dhanus—Mārgaḷi.**							*H.* 1009 *Jamāda'l ākhir.*
3	Mon.	1	6	81	23	24	4
4	Tues.	2	7	76	24	22	5
5	Wed.	3	8	70	25	19	6
6	Thur.	4	9	63	26	14	7
7	Fri.	5	10	54	27	08	8
8	Sat.	6	11	44	1	03	9
9	Sun.	7	12	34	2	96	10
10	Mon.	8	13	24	3	89	11
11	Tues.	9	14	15	4	82	12
12	Wed.	10	P 1	06	5	75	13
13	Thur.	11	2	93	6	70	14
14	Fri.	12	3	88	7	67	15
15	Sat.	13	4	85	8	64	16
16	Sun.	14	5	84	9	63	17
17	Mon.	15	6	86	10	64	18
18	Tues.	16	7	89	11	68	19
19	Wed.	17	8	94	12	73	20
20	Thur.	18	...	...	13	80	21
21	Fri.	19	9	01	14	89	22
22	Sat.	20	10	09	15	99	23
23	Sun.	21	11	18	16	10	24
24	Mon.	22	12	27	17	21	25
25	Tues.	23	13	35	18	31	26
26	Wed.	24	14	42	19	40	27
27	Thur.	25	—A	47	20	46	28
28	Fri.	26	1	50	21	51	—29
29	Sat.	27	2	51	22	55	1
—30	Sun.	28	3	49	23	56	2
1	Mon.	29	4	47	24	55	3
2	Tues.	30	5	42	25	52	4
3	Wed.	31	6	35	26	47	5

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1601. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year,)
Solar Eclipse ● **(Surya Sid.) March 28·25.** **Śaka 1523.** **Kaliyuga 4702.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·17.** **(S. Cycle) Plava.**

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari. **Makara—Tai.**	**Jan.**				
4	Thur.	1	7 ·27	27 ·43	6
5	Fri.	2	8 ·18	1 ·36	7
6	Sat.	3	9 ·09 10 ·99	2 ·29	8
7	Sun.	4	11 ·89	3 ·22	9
8	Mon.	5	12 ·80	4 ·15	10
9	Tues.	6	13 ·71	5 ·10	11
10	Wed.	7	14 ·63	6 ·04	12
11	Thur.	8	P ·57	7 ·00 8 ·97	13
12	Fri.	9	1 ·52	9 ·95	14
13	Sat.	10	2 ·49	10 ·97	15
14	Sun.	11	3 ·48	11 ·99	16
15	Mon.	12	4 ·50	... ...	17
16	Tues.	13	5 ·53	12 ·04	18
17	Wed.	14	6 ·58	13 ·11	19
18	Thur.	15	7 ·65	14 ·19	20
19	Fri.	16	8 ·73	15 ·29	21
20	Sat.	17	9 ·82	16 ·40	22
21	Sun.	18	10 ·91	17 ·51	23
22	Mon.	19	11 ·99	18 ·61	24
23	Tues.	20	... ...	19 ·70	25
24	Wed.	21	12 ·06	20 ·77	26
25	Thur.	22	13 ·11	21 ·80	27
26	Fri.	23	14 ·14	22 ·87	28
27	Sat.	24	A ·14	23 ·88	29
28	Sun.	25	1 ·13	24 ·87	—30
—29	Mon.	26	2 ·09	25 ·85	1
1	Tues.	27	3 ·04 4 ·98	26 ·82	2
2	Wed.	28	5 ·90	27 ·76	3
3	Thur.	29	6 ·82	1 ·70	4
4	Fri.	30	7 ·72	2 ·63	5
5	Sat.	31	8 ·62	3 ·56	6
	Feb.				
6	Sun.	1	9 ·52	4 ·50	7
7	Mon.	2	10 ·43	5 ·44	8
8	Tues.	3	11 ·34	6 ·38	9
9	Wed.	4	12 ·26	7 ·33	10
10	Thur.	5	13 ·20	8 ·30	11
11	Fri.	6	14 ·15	9 ·28	12
12	Sat.	7	P ·13	10 ·29	13
13	Sun.	8	1 ·11	11 ·31	14
14	Mon.	9	2 ·12	12 ·35	15
15	Tues.	10	3 ·15	13 ·41	16
16	Wed.	11	4 ·20	14 ·49	17
17	Thur.	12	5 ·27	15 ·59	18
18	Fri.	13	6 ·35	16 ·70	19
19	Sat.	14	7 ·45	17 ·81	20
20	Sun.	15	8 ·53	18 ·91	21
21	Mon.	16	9 ·61	... ...	22
22	Tues.	17	10 ·67	19 ·00	23
23	Wed.	18	11 ·72	20 ·09	24
24	Thur.	19	12 ·75	21 ·15	25
25	Fri.	20	13 ·75	22 ·19	26
26	Sat.	21	14 ·75	23 ·20	27
27	Sun.	22	A ·71	24 ·20	28
28	Mon.	23	1 ·66	25 ·19	—29
29	Tues.	24	2 ·59	26 ·15	1
—30	Wed.	25	3 ·51	27 ·10	2
1	Thur.	26	4 ·42	1 ·04 2 ·97	3
2	Fri.	27	5 ·32	3 ·90	4
3	Sat.	28	6 ·22	4 ·84	5

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari. **Mīna—Pāṅguni.**	**March.**				
4	Sun.	1	7 ·12	5 ·77	6
5	Mon.	2	8 ·02 9 ·93	6 ·71	7
6	Tues.	3	10 ·86	7 ·66	8
7	Wed.	4	11 ·80	8 ·62	9
8	Thur.	5	12 ·75	9 ·61	10
9	Fri.	6	13 ·72	10 ·61	11
10	Sat.	7	14 ·70	11 ·62	12
11	Sun.	8	P ·72	12 ·66	13
12	Mon.	9	1 ·75	13 ·72	14
13	Tues.	10	2 ·80	14 ·80	15
14	Wed.	11	3 ·86	15 ·90	16
15	Thur.	12	4 ·94	... ...	17
16	Fri.	13	... ...	16 ·00	18
17	Sat.	14	5 ·03	17 ·11	19
18	Sun.	15	6 ·11	18 ·21	20
19	Mon.	16	7 ·19	19 ·32	21
20	Tues.	17	8 ·25	20 ·40	22
21	Wed.	18	9 ·30	21 ·46	23
22	Thur.	19	10 ·33	22 ·50	24
23	Fri.	20	11 ·33	23 ·52	25
24	Sat.	21	12 ·32	24 ·53	26
25	Sun.	22	13 ·28	25 ·52	27
26	Mon.	23	14 ·23	26 ·48	28
27	Tues.	24	—A ·16	27 ·43	29
28	Wed.	25	1 ·08 2 ·99	1 ·38	—30
29	Thur.	26	3 ·89	2 ·31	1
—30	Fri.	27	4 ·78	3 ·25	2
1	Sat.	28	5 ·68	4 ·18	3
2	Sun.	29	6 ·59	5 ·11	4
3	Mon.	30	7 ·50	6 ·05 7 ·99	5
4	Tues.	31	8 ·42	8 ·96	6
	April.				
5	Wed.	1	9 ·35	9 ·94	7
6	Thur.	2	10 ·30	10 ·93	8
7	Fri.	3	11 ·27	11 ·94	9
8	Sat.	4	12 ·25	12 ·97	10
9	Sun.	5	13 ·27	... ...	11
10	Mon.	6	14 ·30	13 ·04	12
11	Tues.	7	P ·35	14 ·11	13
12	Wed.	8	1 ·41	15 ·20	14
13	Thur.	9	2 ·49	16 ·30	15
14	Fri.	10	3 ·57	17 ·40	16
15	Sat.	11	4 ·65	18 ·52	17
16	Sun.	12	5 ·73	19 ·62	18
17	Mon.	13	6 ·79	20 ·70	19
18	Tues.	14	7 ·84	21 ·77	20
19	Wed.	15	8 ·87	22 ·82	21
20	Thur.	16	9 ·87	23 ·84	22
21	Fri.	17	10 ·85	24 ·86	23
22	Sat.	18	11 ·82	25 ·84	24
23	Sun.	19	12 ·76	26 ·81	25
24	Mon.	20	13 ·69	27 ·77	26
25	Tues.	21	14 ·61	1 ·71	27
26	Wed.	22	—A ·51	2 ·66	28
27	Thur.	23	1 ·41	3 ·55	—29
28	Fri.	24	2 ·31	4 ·52	1
29	Sat.	25	3 ·21	5 ·45	2
30	Sun.	26	4 ·11	6 ·39	3
—31	Mon.	27	5 ·02 6 ·94	7 ·34	4
1	Tues.	28	7 ·87	8 ·29	5
2	Wed.	29	8 ·82	9 ·26	6
3	Thur.	30	9 ·79	10 ·25	7

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Plava. **Vrishabha—Vaigāsi.**	**May.**				
4	Fri.	1	10 ·77	11 ·26	8
5	Sat.	2	11 ·78	12 ·30	9
6	Sun.	3	12 ·81	13 ·34	10
7	Mon.	4	13 ·86	14 ·41	11
8	Tues.	5	14 ·92	15 ·50	12
9	Wed.	6	... ...	16 ·60	13
10	Thur.	7	P ·00	17 ·71	14
11	Fri.	8	1 ·08	18 ·82	15
12	Sat.	9	2 ·17	19 ·92	16
13	Sun.	10	3 ·25	... ...	17
14	Mon.	11	4 ·31	20 ·01	18
15	Tues.	12	5 ·35	21 ·08	19
16	Wed.	13	6 ·37	22 ·13	20
17	Thur.	14	7 ·38	23 ·17	21
18	Fri.	15	8 ·36	24 ·18	22
19	Sat.	16	9 ·32	25 ·17	23
20	Sun.	17	10 ·26	26 ·14	24
21	Mon.	18	11 ·19	27 ·10	25
22	Tues.	19	12 ·10	1 ·06	26
23	Wed.	20	13 ·01 14 ·91	2 ·00 3 ·93	27
24	Thur.	21	—A ·81	4 ·86	28
25	Fri.	22	1 ·71	5 ·79	29
26	Sat.	23	2 ·61	6 ·73	—30
27	Sun.	24	3 ·51	7 ·67	1
28	Mon.	25	4 ·43	8 ·63	2
29	Tues.	26	5 ·36	9 ·59	3
30	Wed.	27	6 ·31	10 ·58	4
—31	Thur.	28	7 ·28	11 ·59	5
1	Fri.	29	8 ·26	12 ·61	6
2	Sat.	30	9 ·27	13 ·65	7
3	Sun.	31	10 ·30	14 ·72	8
	June.				
4	Mon.	1	11 ·35	15 ·80	9
5	Tues.	2	12 ·42	16 ·89	10
6	Wed.	3	13 ·50	... ...	11
7	Thur.	4	14 ·58	17 ·01	12
8	Fri. ○	5	P ·66	18 ·12	13
9	Sat.	6	1 ·73	19 ·22	14
10	Sun.	7	2 ·79	20 ·31	15
11	Mon.	8	3 ·83	21 ·38	16
12	Tues.	9	4 ·86	22 ·45	17
13	Wed.	10	5 ·86	23 ·49	18
14	Thur.	11	6 ·84	24 ·50	19
15	Fri.	12	7 ·80	25 ·50	20
16	Sat.	13	8 ·74	26 ·47	21
17	Sun.	14	9 ·67	27 ·45	22
18	Mon.	15	10 ·58	1 ·39	23
19	Tues.	16	11 ·49	2 ·33	24
20	Wed.	17	12 ·39	3 ·27	25
21	Thur.	18	13 ·28	4 ·20	26
22	Fri.	19	14 ·18	5 ·13	27
23	Sat. ●	20	A ·08 1 ·99	6 ·07	28
24	Sun.	21	2 ·91	7 ·01 8 ·96	—29
25	Mon.	22	3 ·84	9 ·92	1
26	Tues.	23	4 ·79	10 ·91	2
27	Wed.	24	5 ·76	11 ·91	3
28	Thur.	25	6 ·74	12 ·93	4
29	Fri.	26	7 ·74	13 ·96	5
30	Sat.	27	8 ·78	... ...	6
31	Sun.	28	9 ·83	14 ·02	7
—32	Mon.	29	10 ·90	15 ·10	8
1	Tues.	30	11 ·97	16 ·20	9

Naksh: 1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10 Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1601. **Kollam 777,** { **N. Malabar—Sep.** **Hijra 1010.** **Vikrama 1658.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 22.** **Bengal San. 1007.**
P—Paurnimā. **(N. Cycle) Sadhāraṇa.**

July.

	SOLAR reckoning.			LUNAR reckoning.						
	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	
	Phava. **Karkataka—Ādi.**			*Śukla.* **Āshādha.**				*H.* 1010 *Muharram*	
2		Wed.	1	...	...	17	31		10
3		Thur.	2	12	05	18	41		11
4		Fri.	3	13	13	19	52		12
5		Sat.	4	14	21	20	61		13
6		Sun.	5	P	27	21	70		14
7		Mon.	6	1	31	22	76		15
8		Tues.	7	2	34	23	80		16
9		Wed.	8	3	33	24	82		17
10		Thur.	9	4	32	25	82		18
11		Fri.	10	5	28	26	81		19
12		Sat.	11	6	22	27	78		20
13		Sun.	12	7	15	1	73		21
14		Mon.	13	8	06	2	67		22
				9	97				
15		Tues.	14	10	87	3	60		23
16		Wed.	15	11	77	4	54		24
17		Thur.	16	12	67	5	47		25
18		Fri.	17	13	57	6	40		26
19		Sat.	18	14	47	7	34		27
20		Sun.	19	A	39	8	29		28
21		Mon.	20	1	32	9	25		29
22		Tues.	21	2	27	10	24		30
23		Wed.	22	3	24	11	23		1
24		Thur.	23	4	22	12	24		2
25		Fri.	24	5	24	13	28		3
26		Sat.	25	6	27	14	33		4
27		Sun.	26	7	31	15	41		5
28		Mon.	27	8	37	16	50		6
29		Tues.	28	9	45	17	60		7
30		Wed.	29	10	54	18	71		8
31		Thur.	30	11	62	19	82		9
32		Fri.	31	12	70	20	93		10

Aug.

	Phava. **Simha—Āvaṇi.**			*Śukla.* **Śrāvaṇa.**				*H.* 1010 *Śafar.*	
1		Sat.	1	13	76	...			11
2		Sun.	2	14	81	21	01		12
3		Mon.	3	P	83	22	07		13
4		Tues.	4	1	83	23	12		14
5		Wed.	5	2	81	24	14		15
6		Thur.	6	3	77	25	16		16
7		Fri.	7	4	72	26	14		17
8		Sat.	8	5	65	27	11		18
9		Sun.	9	6	57	1	06		19
						2	01		
10		Mon.	10	7	47	3	95		20
11		Tues.	11	8	37	4	88		21
12		Wed.	12	9	27	5	81		22
13		Thur.	13	10	17	6	74		23
14		Fri.	14	11	07	7	68		24
				12	98				
15		Sat.	15	13	90	8	62		25
16		Sun.	16	14	83	9	59		26
17		Mon.	17	A	78	10	56		27
18		Tues.	18	1	75	11	55		28
19		Wed.	19	2	73	12	56		29
20		Thur.	20	3	75	13	59		1
21		Fri.	21	4	78	14	65		2
22		Sat.	22	5	83	15	72		3
23		Sun.	23	6	89	16	80		4
24		Mon.	24	7	97	17	90		5
25		Tues.	25	...		...	...		6
26		Wed.	26	8	05	18	01		7
27		Thur.	27	9	14	19	12		8
28		Fri.	28	10	22	20	22		9
29		Sat.	29	1.	28	21	31		10
30		Sun.	30	12	33	22	38		11
31		Mon.	31	13	35	23	43		12

Sep.

	Phava. **Kanyā—Puraṭṭāśi.**			*Śukla.* **Bhādra.**				*H.* 1010 *Rabī-ul awwal.*	
1		Tues.	1	11	43	9	92		24
2		Wed.	2	12	37	10	89		25
3		Thur.	3	13	32	11	87		26
4		Fri.	4	14	29	12	88		27
5		Sat.	5	A	28	13	91		28
6		Sun.	6	1	29	14	96		29
7		Mon.	7	2	32	...	...		30
8		Tues.	8	3	37	15	02		1
9		Wed.	9	4	44	16	10		2
10		Thur.	10	5	52	17	20		3
11		Fri.	11	6	61	18	32		4
12		Sat.	12	7	70	19	42		5
13		Sun.	13	8	77	20	52		6
14		Mon.	14	9	83	21	61		7
15		Tues.	15	10	88	22	69		8
16		Wed.	16	11	91	23	75		9
17		Thur.	17	12	92	24	79		10
18		Fri.	18	13	90	25	80		11
19		Sat.	19	14	87	26	79		12
20		Sun.	20	1	81	27	77		13
21		Mon.	21	2	74	28	73		14
22		Tues.	22	3	66	29	69		15
23		Wed.	23	4	57	30	63		16
24		Thur.	24	5	47	1	56		17
25		Fri.	25	6	37	2	49		18
26		Sat.	26	7	27	3	42		19
27		Sun.	27	8	18	4	36		20
28		Mon.	28	9	10	5	30		21
29		Tues.	29	10	02	6	25		22
30		Wed.	30	10	95	7	22		23

Oct.

	Phava. **Tulā—Aippaśi.**			*Śukla.* **Āśvina.**				*H.* 1010 *Jamādā'l awwal.*	
1		Thur.	1	11	90	22	69		13
2		Fri.	2	12	92	24	79		14
3		Sat.	3	13	90	25	80		15
4		Sun.	4	14	87	26	79		16
5		Mon.	5	P	81	27	77		17
6		Tues.	6	1	74	1	73		18
7		Wed.	7	2	66	2	69		19
8		Thur.	8	3	57	3	63		20
9		Fri.	9	4	47	4	56		21
				5	37	5	49		
10		Sat.	10	6	27	6	42		22
11		Sun.	11	7	18	7	36		23
12		Mon.	12	8	10	8	30		24
				9	02				
13		Tues.	13	10	95	9	25		25
14		Wed.	14	11	90	10	22		26
15		Thur.	15	12	87	11	20		27
16		Fri.	16	13	86	12	21		28
17		Sat.	17	14	85	13	23		29
18		Sun.	18	A	92	14	27		1
19		Mon.	19	1	97	15	33		2
20		Tues.	20	...	...	16	41		3
21		Wed.	21	2	03	17	51		4
22		Thur.	22	3	11	18	61		5
23		Fri.	23	4	20	19	72		6
24		Sat.	24	5	29	20	82		7
25		Sun.	25	6	37	21	92		8
26		Mon.	26	7	14	...	...		9
27		Tues.	27	8	48	22	00		10
28		Wed	28	9	51	23	06		11
29		Thur.	29	10	51	24	10		12
30		Fri.	30	11	50	25	12		13
31		Sat.	31	12	47	26	12		14
1		Sun.	1	13	42	27	10		15
2		Mon.	2	14	35	1	07		16
3		Tues.	3	P	26	2	02		17
						3	96		

Nov.

	Phava. **Vṛiśchika—Karttigai.**			*Śukla.* **Kārt.**				*H.* 1010 *Jamādā'l akhir.*	
2		Sun.	1	1	17	4	90		15
				2	08				
3		Mon.	2	3	98	5	83		16
4		Tues.	3	4	88	6	77		17
5		Wed.	4	5	79	7	70		18
6		Thur.	5	6	71	8	64		19
7		Fri.	6	7	63	9	59		20
8		Sat.	7	8	57	10	55		21
9		Sun.	8	9	52	11	53		22
10		Mon.	9	10	49	12	53		23
11		Tues.	10	11	48	13	54		24
12		Wed.	11	12	49	14	58		25
13		Thur.	12	13	53	15	63		26
14		Fri.	13	14	59	16	71		27
15		Sat.	14	A	66	17	81		28
16		Sun.	15	1	71	18	91		29
17		Mon.	16	2	83	...			30
18		Tues.	17	3	92	19	02		1
19		Wed.	18	...	...	20	12		2
20		Thur.	19	4	00	21	22		3
21		Fri.	20	5	06	22	31		4
22		Sat.	21	6	10	23	38		5
23		Sun.	22	7	13	24	42		6
24		Mon.	23	8	14	25	44		7
25		Tues.	24	9	13	26	41		8
26		Wed	25	10	10	27	14		9
				11	05				
27		Thur.	26	12	98	1	41		10
28		Fri.	27	13	90	2	36		11
29		Sat.	28	14	81	3	30		12
1		Sun.	29	P	72	4	24		13
2		Mon.	30	1	62	5	18		14

Dec.

	Phava. **Dhanus—Margali.**			*Śukla.* **Mārgaśirsha.**				*H.* 1010 *Rajab.*	
3		Tues.	1	2	52	6	11		15
						7	04		
4		Wed.	2	3	43	8	97		16
5		Thur.	3	4	34	9	92		17
6		Fri.	4	5	26	10	89		18
7		Sat.	5	6	20	11	86		19
8		Sun.	6	7	15	12	86		20
9		Mon.	7	8	13	13	86		21
10		Tues.	8	9	12	14	89		22
11		Wed.	9	10	11	15	94		23
12		Thur.	10	11	17	...	...		24
13		Fri.	11	12	23	16	02		25
14		Sat.	12	13	30	17	11		26
15		Sun.	13	14	38	18	21		27
16		Mon.	14	A	48	19	32		28
17		Tues.	15	1	56	20	42		29
18		Wed.	16	2	64	21	53		1
19		Thur.	17	3	71	22	62		2
20		Fri.	18	4	75	23	68		3
21		Sat.	19	5	78	24	73		4
22		Sun.	20	6	78	25	76		5
23		Mon.	21	7	78	26	78		6
24		Tues.	22	8	74	27	77		7
25		Wed.	23	9	69	1	74		8
26		Thur.	24	10	62	2	69		9
27		Fri.	25	11	51	3	64		10
28		Sat.	26	12	45	4	58		11
29		Sun.	27	13	36	5	51		12
30		Mon.	28	14	26	6	44		13
1		Tues.	29	P	16	7	37		14
				1	07				
2		Wed.	30	2	99	8	31		15
3		Thur.	31	3	91	9	25		16

13. Hastn. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24 Śatab.

A.D. 1602. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·51.** **Śaka 1524.** **Kaliyuga 4703.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·43.** **(S. Cycle) Śubhakṛit.**

			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
			Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
				Jan.					**March.**					**May.**			
Plava. **Makara—Tai.**	4	Fri.	1		4 ·84	10 ·22	17	4	Mon.	1	3 ·00	15 ·88	17	1	Sat.	1	5 ·42	... ...	19
	5	Sat.	2		5 ·80	11 ·19	18	5	Tues.	2	4 ·01	16 ·94	18	5	Sun.	2	6 ·50	21 ·03	20
	6	Sun.	3		6 ·78	12 ·17	19	6	Wed.	3	5 ·05	... ...	19	6	Mon	3	7 ·57	22 ·14	21
	7	Mon.	4	*Ṭithi.*	7 ·76	13 ·18	20	7	Thur.	4	6 ·10	17 ·02	20	7	Tues.	4	8 ·63	23 ·23	22
	8	Tues.	5		8 ·79	14 ·20	21	8	Fri.	5	7 ·17	18 ·12	21	8	Wed.	5	9 ·67	24 ·30	23
	9	Wed.	6		9 ·83	15 ·26	22	9	Sat.	6	8 ·25	19 ·22	22	9	Thur.	6	10 ·70	25 ·35	24
	10	Thur.	7		10 ·88	16 ·33	23	10	Sun.	7	9 ·34	20 ·33	23	10	Fri.	7	11 ·69	26 ·38	25
	11	Fri.	8		11 ·95	17 ·41	24	11	Mon.	8	10 ·43	21 ·43	24	11	Sat.	8	12 ·68	27 ·40	26
	12	Sat.	9		... ...	18 ·51	25	12	Tues.	9	11 ·51	22 ·53	25	12	Sun.	9	13 ·64	1 ·39	27
	13	Sun.	10		12 ·03	19 ·61	26	13	Wed.	10	12 ·57	23 ·62	26	13	Mon.	10	14 ·58	2 ·36	28
	14	Mon.	11		13 ·12	20 ·73	27	14	Thur.	11	13 ·61	24 ·68	27	14	Tues.	11	—**A** ·50	3 ·32	29
	15	Tues.	12		14 ·20	21 ·83	28	15	Fri.	12	14 ·63	25 ·72	28	15	Wed.	12	1 ·42	4 ·27	—30
	16	Wed.	13		—**A** ·28	22 ·92	29	16	Sat.	13	—**A** ·64	26 ·74	29	16	Thur.	13	2 ·33	5 ·22	1
	17	Thur.	14		1 ·35	23 ·99	—30	17	Sun.	14	1 ·62	27 ·74	30	17	Fri.	14	3 ·23	6 ·15	2
	18	Fri.	15		2 ·40	... ...	1	18	Mon.	15	2 ·59	1 ·73	1	18	Sat.	15	4 12	7 ·08	3
	19	Sat.	16		3 ·42	24 ·05	2	19	Tues.	16	3 ·53	2 ·70	2				5 ·02	8 ·01	
	20	Sun.	17		4 ·41	25 ·09	3	20	Wed.	17	4 ·46	3 ·65	3	19	Sun.	16	6 ·92	9 ·94	4
	21	Mon.	18		5 ·42	26 ·10	4	21	Thur.	18	5 ·38	4 ·60	4	20	Mon.	17	7 82	10 ·89	5
	22	Tues.	19		6 ·88	27 ·09	5	22	Fri.	19	6 ·29	5 ·53	5	21	Tues.	18	8 ·74	11 ·85	6
	23	Wed.	20	*Sukla.*	7 ·33	1 ·07	6	23	Sat.	20	7 ·19	6 ·16	6	22	Wed.	19	9 ·68	12 ·81	7
	24	Thur.	21		8 ·27	2 ·03	7	24	Sun.	21	8 ·09	7 ·40	7	23	Thur.	20	10 ·63	13 ·80	8
	25	Fri.	22		9 ·19	3 ·98	8	25	Mon.	22	9 ·99	8 ·33	8	24	Fri.	21	11 ·60	14 ·80	9
	26	Sat.	23		10 ·10	4 ·92	9	26	Tues.	23	10 ·89	9 ·27	9	25	Sat.	22	12 ·58	15 ·82	10
	27	Sun.	24		11 ·00	5 ·85	10	27	Wed.	24	11 ·80	10 ·21	10	26	Sun.	23	13 ·60	16 ·87	11
	28	Mon.	25		12 ·90	6 ·78	11	28	Thur.	25	12 ·72	11 ·17	11	27	Mon.	24	14 ·63	17 ·94	12
	29	Tues.	26		13 ·80	7 ·71	12	29	Fri.	26	13 ·66	12 ·16	12	28	Tues. ○	25	P ·68	.. ..	13
	1	Wed.	27		14 ·71	8 ·65	13	—30	Sat.	27	14 ·61	13 ·15	13	29	Wed.	26	1 ·74	18 02	14
	2	Thur.	28		P ·62	9 ·60	14	1	Sun.	28	1 ·57	14 ·16	14	30	Thur.	27	2 ·82	19 ·11	15
	3	Fri.	29		1 ·54	10 ·55	15	2	Mon.	29	2 ·56	15 ·19	15	31	Fri.	28	3 ·91	20 ·22	16
	4	Sat.	30		2 ·48	11 ·51	16	3	Tues.	30	3 ·57	16 ·25	16	—32	Sat.	29	4 ·99	21 ·34	17
	5	Sun.	31		3 ·44	12 ·50	17	4	Wed.	31	4 ·61	17 ·33	17	1	Sun.	30	...	22 ·44	18
					4 ·41	13 ·50		4			4 ·66			2	Mon.	31	5 ·06	23 ·53	19
				Feb.					**April.**										
Plava. **Kumbha—Māgi.**	6	Mon.	1		5 ·39	14 ·53	18	5	Thur.	1	5 ·73	18 ·42	18	3	Tues.	1	6 ·12	24 ·60	20
	7	Tues.	2		6 ·41	15 ·57	19	6	Fri.	2	6 ·81	19 ·52	19	4	Wed.	2	7 ·16	25 ·66	21
	8	Wed.	3		7 ·46	16 ·63	20	7	Sat.	3	7 ·89	20 ·62	20	5	Thur.	3	8 ·18	26 ·71	22
	9	Thur.	4		8 ·51	17 ·71	21	8	Sun.	4	8 ·98	21 ·73	21	6	Fri.	4	9 18	27 ·72	23
	10	Fri.	5		9 ·58	18 ·81	22	9	Mon.	5	... ...	22 ·83	22	7	Sat.	5	10 ·16	1 ·72	24
	11	Sat.	6		10 ·66	19 ·92	23	10	Tues.	6	9 ·06	23 ·92	23	8	Sun.	6	11 ·12	2 ·69	25
	12	Sun.	7		11 ·74	.. ...	24	11	Wed.	7	10 ·12	24 ·99	24	9	Mon.	7	12 ·06	3 ·66	26
	13	Mon.	8		12 ·83	20 ·03	25	12	Thur.	8	11 ·16	.. .	25				13 99		
	14	Tues.	9		13 ·91	21 ·13	26	13	Fri.	9	12 ·18	25 ·04	26	10	Tues.	8	14 ·91	4 ·61	27
	15	Wed.	10		14 ·97	22 ·22	27	14	Sat.	10	13 ·18	26 ·06	27	11	Wed.	9	—**A** ·81	5 ·55	28
	16	Thur.	11		... ...	23 ·30	28	15	Sun.	11	14 ·17	27 ·07	28	12	Thur.	10	1 ·71	6 ·49	—29
	17	Fri.	12		—**A** ·02	24 ·37	29	16	Mon.	12	—**A** ·13	1 ·06	—29	13	Fri.	11	2 ·60	7 ·41	1
	18	Sat.	13		1 ·04	25 ·41	1					2 ·03		14	Sat.	12	3 ·5	8 34	2
	19	Sun.	14		2 ·05	26 ·42	2	17	Tues.	13	1 ·07	3 ·99	1	15	Sun.	13	4 ·40	9 ·28	3
	20	Mon.	15		3 ·08	27 ·42	3				2 ·00			16	Mon.	14	5 ·30	10 ·23	4
	21	Tues.	16		4 ·00	1 ·40	4	18	Wed.	14	3 ·92	4 ·93	2	17	Tues.	15	6 ·23	11 ·18	5
	22	Wed.	17		5 ·95	2 ·36	5	19	Thur.	15	4 ·82	5 ·87	3	18	Wed.	16	7 ·17	12 ·14	6
	23	Thur.	18	*Sukla.*	6 ·88	3 ·32	6	20	Fri.	16	5 ·72	6 ·81	4	19	Thur.	17	8 ·12	13 ·12	7
	24	Fri.	19		7 ·80	4 ·26	7	21	Sat.	17	6 ·62	7 ·74	5	20	Fri.	18	9 ·08	14 ·12	8
	25	Sat.	20		8 ·71	5 ·19	8	22	Sun.	18	7 ·52	8 ·67	6	21	Sat.	19	10 ·06	15 ·15	9
	26	Sun.	21		9 ·61	6 ·12	9	23	Mon.	19	8 ·42	9 ·60	7	22	Sun.	20	11 08	16 ·18	10
	27	Mon.	22		10 ·51	7 ·05	10	24	Tues.	20	9 ·33	10 ·55	8	23	Mon.	21	12 ·11	17 ·24	11
	28	Tues	23		11 ·41	8 ·99	11	25	Wed.	21	10 ·24	11 ·51	9	24	Tues.	22	13 ·16	18 ·22	12
	29	Wed.	24		12 ·32	8 ·93	12	26	Thur.	22	11 ·17	12 ·48	10	25	Wed.	23	14 ·23	19 ·4	13
	30	Thur.	25		13 ·23	10 ·88	13	27	Fri.	23	12 ·13	13 ·47	11	26	Thur.	24	P ·30	20 ·53	14
	1	Fri.	26		14 ·15	11 ·84	14	28	Sat.	24	13 ·11	14 ·48	12	27	Fri.	25	1 ·38	21 ·63	15
	2	Sat.	27		P ·08	12 ·82	15	29	Sun.	25	14 ·09	15 ·51	13	28	Sat.	26	2 ·46	22 ·74	16
	3	Sun.	28		1 ·01	13 ·83	16	30	Mon.	26	P ·10	16 ·55	14	29	Sun.	27	3 ·54	23 ·83	17
					2 ·01	14 ·84		—31	Tues.	27	1 ·13	17 ·63	15	30	Mon.	28	4 ·60	24 ·91	18
								1	Wed.	28	2 ·18	18 ·72	16	—31	Tues.	29	5 ·64	25 ·98	19
								2	Thur.	29	3 ·25	19 ·82	17	1	Wed.	30	6 ·66	... ...	20
								3	Fri.	30	4 ·33	20 ·92	18						

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7 Punar 8. Push. 9 Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad 27 Rev.

A.D. 1602. **Kollam 778,** { **N. Malabar—Sep.** **Hijra 1011.** **Vikrama 1659.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 11.** **Bengal San. 1008.**
P—Paurnimā. **(N. Cycle) Virodhakṛit.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Śubhakṛit. **Karkataka—Ādi.**	**July.**			
2	Thur. 1	7 ·66	26 ·02	21
3	Fri. 2	8 ·64	27 ·04	22
4	Sat. 3	9 ·60	1 ·04	23
5	Sun. 4	10 ·54	2 ·02	24
6	Mon. 5	11 ·46	3 ·00 / 4 ·95	25
7	Tues. 6	12 ·38	5 ·89	26
8	Wed. 7	13 ·29	6 ·82	27
9	Thur. 8	14 ·19	7 ·75	28
10	Fri. 9	A ·08 / 1 ·98	8 ·68	29
11	Sat. 10	2 ·88	9 ·62	—30
12	Sun. 11	3 ·79	10 ·56	1
13	Mon. 12	4 ·71	11 ·51	2
14	Tues. 13	5 ·64	12 ·47	3
15	Wed. 14	6 ·59	13 ·45	4
16	Thur. 15	7 ·56	14 ·45	5
17	Fri. 16	8 ·55	15 ·46	6
18	Sat. 17	9 ·55	16 ·50	7
19	Sun. 18	10 ·59	17 ·55	8
20	Mon. 19	11 ·64	18 ·62	9
21	Tues. 20	12 ·71	19 ·72	10
22	Wed. 21	13 ·78	20 ·83	11
23	Thur. 22	14 ·86	21 ·93	12
24	Fri. 23	P ·95	... ..	13
25	Sat. 24	... ...	22 ·04	14
26	Sun. 25	1 ·03	23 ·13	15
27	Mon. 26	2 ·09	24 ·23	16
28	Tues 27	3 ·12	25 ·29	17
29	Wed. 28	4 ·14	26 ·34	18
30	Thur. 29	5 ·15	27 ·36	19
31	Fri. 30	6 ·13	1 ·37	20
—32	Sat. 31	7 ·09	2 ·35	21
Śubhakṛit. **Simha—Āvaṇi.**	**Aug.**			
1	Sun. 1	8 ·03 / 9 ·96	3 ·33	22
2	Mon. 2	10 ·87	4 ·28	23
3	Tues. 3	11 ·78	5 ·23	24
4	Wed. 4	12 ·68	6 ·16	25
5	Thur. 5	13 ·58	7 ·09	26
6	Fri. 6	14 ·48	8 ·03 / 9 ·96	27
7	Sat. 7	A ·38	10 ·90	28
8	Sun. 8	1 ·29	11 ·84	—29
9	Mon. 9	2 ·21	12 ·80	1
10	Tues. 10	3 ·14	13 ·78	2
11	Wed. 11	4 ·09	14 ·77	3
12	Thur. 12	5 ·06	15 ·78	4
13	Fri. 13	6 ·05	16 ·81	5
14	Sat. 14	7 ·06	17 ·86	6
15	Sun. 15	8 ·09	18 ·94	7
16	Mon. 16	9 ·14	.. ...	8
17	Tues. 17	10 ·21	19 ·02	9
18	Wed. 18	11 ·29	20 ·12	10
19	Thur. 19	12 ·37	21 ·23	11
20	Fri. 20	13 ·46	22 ·34	12
21	Sat. 21	14 ·54	23 ·44	13
22	Sun. 22	P ·60	24 ·53	14
23	Mon. 23	1 ·64	25 ·60	15
24	Tues. 24	2 ·66	26 ·65	16
25	Wed. 25	3 ·66	27 ·68	17
26	Thur. 26	4 ·64	1 ·69	18
27	Fri. 27	5 ·61	2 ·69	19
28	Sat. 28	6 ·55	3 ·66	20
29	Sun. 29	7 ·48	4 ·62	21
30	Mon. 30	8 ·39	5 ·56	22
—31	Tues. 31	9 ·30	6 ·50	23

Śrāvaṇa. *Śukla.* *Bahula.* *Bhādrapada.* *Śukla.* *Bahula.* *H.* 1011 *Muharram.* *H.* 1011 *Ṣafar.* *H.* 1011 *Rabī-ul awwal.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Śubhakṛit. **Kanyā—Puraṭṭāśi.**	**Sep.**			
1	Wed. 1	10 ·20	7 ·44	24
2	Thur 2	11 ·10	8 ·37	25
3	Fri. 3	12 ·00 / 13 ·90	9 ·30	26
4	Sat. 4	14 ·81	10 ·23	27
5	Sun. 5	A ·73	11 ·18	28
6	Mon. 6	1 ·67	12 ·14	29
7	Tues. 7	2 ·63	13 ·11	—30
8	Wed. 8	3 ·60	14 ·09	1
9	Thur. 9	4 ·58	15 ·10	2
10	Fri. 10	5 ·59	16 ·12	3
11	Sat. 11	6 ·63	17 ·18	4
12	Sun. 12	7 ·68	18 ·25	5
13	Mon. 13	8 ·75	19 ·33	6
14	Tues. 14	9 ·83	20 ·42	7
15	Wed. 15	10 ·93	21 ·53	8
16	Thur. 16	... ...	22 ·63	9
17	Fri. 17	11 ·01	23 ·74	10
18	Sat. 18	12 ·08	24 ·83	11
19	Sun. 19	13 ·14	25 ·91	12
20	Mon. 20	14 ·18	26 ·96	13
21	Tues. 21	P ·21	... ...	14
22	Wed. 22	1 ·21	27 ·00	15
23	Thur. 23	2 ·20	1 ·02	16
24	Fri. 24	3 ·16	2 ·01 / 3 ·99	17
25	Sat. 25	4 ·11	4 ·95	18
26	Sun. 26	5 ·04 / 6 ·96	5 ·90	19
27	Mon. 27	7 ·87	6 ·85	20
28	Tues. 28	8 ·77	7 ·78	21
29	Wed. 29	9 ·67	8 ·70	22
—30	Thur. 30	10 ·57	9 ·64	23
Śubhakṛit. **Tulā—Aippaśi.**	**Oct.**			
1	Fri. 1	11 ·47	10 ·57	24
2	Sat. 2	12 ·38	11 ·52	25
3	Sun. 3	13 ·30	12 ·47	26
4	Mon. 4	14 ·24	13 ·44	27
5	Tues. 5	A ·20	14 ·42	28
6	Wed. 6	1 ·17	15 ·42	—29
7	Thur. 7	2 ·15	16 ·45	1
8	Fri. 8	3 ·18	17 ·49	2
9	Sat. 9	4 ·21	18 ·56	3
10	Sun. 10	5 ·26	19 ·63	4
11	Mon. 11	6 ·33	20 ·72	5
12	Tues. 12	7 ·41	21 ·82	6
13	Wed. 13	8 ·51	22 ·94	7
14	Thur. 14	9 ·59	.. ...	8
15	Fri. 15	10 ·67	23 ·04	9
16	Sat. 16	11 ·74	24 ·14	10
17	Sun. 17	12 ·78	25 ·22	11
18	Mon. 18	13 ·80	26 ·28	12
19	Tues. 19	14 ·80	27 ·32	13
20	Wed. 20	P ·79	1 ·34	14
21	Thur. 21	1 ·75	2 ·34	15
22	Fri. 22	2 ·70	3 ·32	16
23	Sat. 23	3 ·63	4 ·28	17
24	Sun. 24	4 ·55	5 ·24	18
25	Mon. 25	5 ·46	6 ·18	19
26	Tues. 26	6 ·36	7 ·12	20
27	Wed. 27	7 ·26	8 ·05 / 9 ·98	21
28	Thur. 28	8 ·16	10 ·92	22
29	Fri. 29	9 ·07 / 10 ·98	11 ·86	23
—30	Sat. 30	11 ·91	12 ·81	24
1	Sun. 31	12 ·85	13 ·77	25

Śukla. *Kārtika.* *Bahula.* *Śukla.* *Bahula.* *H.* 1011 *Rabī-ul ākhir.* *H.* 1011 *Jamāda'l awwal.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Śubhakṛit. **Vṛischika—Kārttigai.**	**Nov.**			
2	Mon. 1	13 ·81	14 ·74	26
3	Tues. 2	14 ·78	15 ·74	27
4	Wed. 3	A ·76	16 ·76	28
5	Thur. 4	1 ·79	17 ·80	29
6	Fri. 5	2 ·82	18 ·85	—30
7	Sat. 6	3 ·88	19 ·93	1
8	Sun. 7	4 ·96	... ..	2
9	Mon. 8	... ...	20 ·02	3
10	Tues. 9	5 ·05	21 ·13	4
11	Wed. 10	6 ·13	22 ·24	5
12	Thur. 11	7 ·21	23 ·34	6
13	Fri. 12	8 ·29	24 ·44	7
14	Sat. 13	9 ·36	25 ·52	8
15	Sun. 14	10 ·41	26 ·60	9
16	Mon. 15	11 ·43	27 ·64	10
17	Tues. 16	12 ·43	1 ·66	11
18	Wed. 17	13 ·42	2 ·66	12
19	Thur. 18	14 ·38	3 ·65	13
20	Fri. ○ 19	P ·33	4 ·63	14
21	Sat. 20	1 ·26	5 ·58	15
22	Sun. 21	2 ·18	6 ·52	16
23	Mon. 22	3 ·09 / 4 ·99	7 ·46	17
24	Tues. 23	5 ·89	8 ·38	18
25	Wed. 24	6 ·79	9 ·31	19
26	Thur. 25	7 ·70	10 ·26	20
27	Fri. 26	8 ·62	11 ·19	21
28	Sat. 27	9 ·54	12 ·14	22
29	Sun. 28	10 ·48	13 ·10	23
—30	Mon. 29	11 ·44	14 ·07	24
1	Tues. 30	12 ·41	15 ·07	25
Śubhakṛit. **Dhanus—Mārgali.**	**Dec.**			
2	Wed. 1	13 ·41	16 ·08	26
3	Thur. 2	14 ·42	17 ·11	27
4	Fri. 3	A ·45	18 ·16	28
5	Sat. 4	1 ·51	19 ·23	—29
6	Sun. 5	2 ·59	20 ·33	1
7	Mon. 6	3 ·68	21 ·43	2
8	Tues. 7	4 ·77	22 ·54	3
9	Wed. 8	5 ·86	23 ·64	4
10	Thur. 9	6 ·93	24 ·74	5
11	Fri. 10	7 ·99	25 ·83	6
12	Sat. 11	... ...	26 ·90	7
13	Sun. 12	8 ·04	27 ·95	8
14	Mon. 13	9 ·06	1 ·98	9
15	Tues. 14	10 ·07	2 ·99	10
16	Wed. 15	11 ·06	3 ·99	11
17	Thur. 16	12 ·03 / 13 ·98	4 ·96	12
18	Fri. 17	14 ·91	5 ·91	13
19	Sat. 18	P ·82	6 ·86	14
20	Sun. 19	1 ·73	7 ·79	15
21	Mon. 20	2 ·64	8 ·72	16
22	Tues. 21	3 ·54	9 ·66	17
23	Wed. 22	4 ·44	10 ·59	18
24	Thur. 23	5 ·34	11 ·53	19
25	Fri. 24	6 ·26	12 ·47	20
26	Sat. 25	7 ·19	13 ·43	21
27	Sun. 26	8 ·13	14 ·41	22
28	Mon. 27	9 ·09	15 ·39	23
—29	Tues. 28	10 ·06	16 ·40	24
1	Wed. 29	11 ·05	17 ·42	25
2	Thur. 30	12 ·07	18 ·47	26
3	Fri. 31	13 ·11	19 ·55	27

Śukla. *Mārgaśirsha.* *Bahula.* *Śukla.* *Pausha.* *Bahula.* *H.* 1011 *Jamāda'l ākhir.* *H.* 1011 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21 U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1603. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·77.** **Śaka 1525.** **Kaliyuga 4704.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·69.** **(S. Cycle) Śobhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jany.						**March.**						**May.**				
4	Sat.	1	14 ·16	20 ·63	28	4	Tues.	1	14 ·73	24 ·65	28	3	Sun.●	1	—**A** ·02	3 ·61	—30
5	Sun.	2	—**A** ·23	21 ·78	29	5	Wed.	2	—**A** ·81	25 ·75	29				1 ·00		
6	Mon.	3	1 ·32	22 ·84	—30	6	Thur.	3	1 ·87	26 ·83	—30	4	Mon.	2	2 ·95	4 ·61	1
7	Tues.	4	2 ·41	23 ·94	1	7	Fri.	4	2 ·91	27 ·89	1	5	Tues.	3	3 ·89	5 ·58	2
8	Wed.	5	3 ·50	... ...	2	8	Sat.	5	3 ·94	1 ·94	2	6	Wed.	4	4 ·82	6 ·54	3
9	Thur.	6	4 ·58	24 ·05	3	9	Sun.	6	4 ·94	2 ·96	3	7	Thur.	5	5 ·74	7 ·49	4
10	Fri.	7	5 ·65	25 ·14	4	10	Mon.	7	5 ·92	3 ·96	4	8	Fri.	6	6 ·64	8 ·42	5
11	Sat.	8	6 ·69	26 ·21	5	11	Tues.	8	6 ·89	4 ·95	5	9	Sat.	7	7 ·54	9 ·36	6
12	Sun.	9	7 ·71	27 ·27	6	12	Wed.	9	7 ·83	5 ·91	6	10	Sun.	8	8 ·44	10 ·30	7
13	Mon.	10	8 ·72	1 ·30	7	13	Thur.	10	8 ·76	6 ·87	7	11	Mon.	9	9 ·34	11 ·22	8
14	Tues.	11	9 ·70	2 ·31	8	14	Fri.	11	9 ·68	7 ·81	8	12	Tues.	10	10 ·24	12 ·16	9
15	Wed.	12	10 ·67	3 ·31	9	15	Sat.	12	10 ·58	8 ·75	9	13	Wed.	11	11 ·15	13 ·10	10
16	Thur.	13	11 ·62	4 ·29	10	16	Sun.	13	11 ·48	9 ·68	10	14	Thur.	12	12 ·07	14 ·05	11
17	Fri.	14	12 ·55	5 ·25	11	17	Mon.	14	12 ·38	10 ·61	11				13 ·01		
18	Sat.	15	13 ·47	6 ·19	12	18	Tues.	15	13 ·28	11 ·55	12	15	Fri.	13	14 ·96	15 ·08	12
19	Sun.	16	14 ·38	7 ·13	13	19	Wed.	16	14 ·19	12 ·49	13	16	Sat. ○	14	P ·92	16 ·02	13
20	Mon.	17	P ·28	8 ·07	14	20	Thur.	17	P ·10	13 ·43	14	17	Sun.	15	1 ·92	17 ·02	14
				9 ·00					1 ·02			18	Mon.	16	2 ·93	18 ·04	15
21	Tues.	18	1 ·18	10 ·93	15	21	Fri.	18	2 ·96	14 ·39	15	19	Tues.	17	3 ·96	19 ·08	16
			2 ·08						3 ·91	15 ·37		20	Wed.	18	... ...	20 ·16	17
22	Wed.	19	3 ·99	11 ·87	16	22	Sat.	19	4 ·89	16 ·37	16	21	Thur.	19	4 ·01	21 ·24	18
23	Thur.	20	4 ·91	12 ·81	17	23	Sun.	20	5 ·88	17 ·38	17	22	Fri.	20	5 ·07	22 ·34	19
24	Fri.	21	5 ·83	13 ·77	18	24	Mon.	21	6 ·90	18 ·41	18	23	Sat.	21	6 ·15	23 ·44	20
25	Sat.	22	6 ·77	14 ·73	19	25	Tues.	22	7 ·93	19 ·47	19	24	Sun.	22	7 ·23	24 ·55	21
26	Sun.	23	7 ·72	15 ·72	20	26	Wed.	23	8 ·98	20 ·54	20	25	Mon.	23	8 ·31	25 ·66	22
27	Mon.	24	8 ·70	16 ·72	21	27	Thur.	24	... ...	21 ·63	21	26	Tues.	24	9 ·39	26 ·75	23
28	Tues.	25	9 ·70	17 ·74	22	28	Fri.	25	9 ·05	22 ·74	22	27	Wed.	25	10 ·45	27 ·83	24
29	Wed.	26	10 ·71	18 ·79	23	29	Sat.	26	10 ·13	23 ·84	23	28	Thur.	26	11 ·49	1 ·88	25
—30	Thur.	27	11 ·75	19 ·85	24	30	Sun.	27	11 ·21	24 ·95	24	29	Fri.	27	12 ·51	2 ·92	26
1	Fri.	28	12 ·80	20 ·93	25	—31	Mon.	28	12 ·29	... ...	25	30	Sat.	28	13 ·51	3 ·93	27
2	Sat.	29	13 ·88	... ..	26	1	Tues.	29	13 ·37	25 ·05	26	—31	Sun.	29	14 ·48	4 ·94	28
3	Sun.	30	14 ·96	21 ·03	27	2	Wed.	30	14 ·43	26 ·13	27	1	Mon.	30	—**A** ·44	5 ·91	29
4	Mon.	31	... ...	22 ·13	28	3	Thur.	31			28	2	Tues.	31	1 ·38	6 ·87	—30
	Feb.						**April.**						**June.**				
5	Tues.	1	—**A** ·05	23 ·25	—29	4	Fri.	1	—**A** ·48	27 ·21	—29	3	Wed.	1	2 ·30	7 ·82	1
6	Wed.	2	1 ·13	24 ·35	1	5	Sat.	2	1 ·50	1 ·26	1	4	Thur.	2	3 ·22	8 ·76	2
7	Thur.	3	2 ·21	25 ·44	2	6	Sun.	3	2 ·50	2 ·28	2	5	Fri.	3	4 ·13	9 ·70	3
8	Fri.	4	3 ·28	26 ·52	3	7	Mon.	4	3 ·48	3 ·29	3				5 ·03		
9	Sat.	5	4 ·32	27 ·58	4	8	Tues.	5	4 ·44	4 ·27	4	6	Sat.	4	6 ·92	10 ·63	4
10	Sun.	6	5 ·34	1 ·62	5	9	Wed.	6	5 ·38	5 ·25	5	7	Sun.	5	7 ·82	11 ·56	5
11	Mon.	7	6 ·34	2 ·64	6	10	Thur.	7	6 ·31	6 ·21	6	8	Mon.	6	8 ·72	12 ·50	6
12	Tues.	8	7 ·33	3 ·64	7	11	Fri.	8	7 ·22	7 ·15	7	9	Tues.	7	9 ·63	13 ·44	7
13	Wed.	9	8 ·29	4 ·62	8	12	Sat.	9	8 ·12	8 ·09	8	10	Wed.	8	10 ·55	14 ·40	8
14	Thur.	10	9 ·23	5 ·58	9	13	Sun.	10	9 ·02	9 ·02	9	11	Thur.	9	11 ·49	15 ·36	9
15	Fri.	11	10 ·16	6 ·53	10				10 ·92	10 ·95		12	Fri.	10	12 ·44	16 ·34	10
			11 ·08			14	Mon.	11	11 ·82	11 ·89	10	13	Sat.	11	13 ·40	17 ·34	11
16	Sat.	12	12 ·99	7 ·48	11	15	Tues.	12	12 ·73	12 ·82	11	14	Sun.	12	14 ·40	18 ·36	12
17	Sun.	13	13 ·90	8 ·41	12	16	Wed.	13	13 ·64	13 ·77	12	15	Mon.	13	P ·41	19 ·40	13
18	Mon.	14	14 ·80	9 ·34	13	17	Thur.	14	14 ·57	14 ·72	13	16	Tues.	14	1 ·44	20 ·46	14
19	Tues.	15	P ·70	10 ·27	14	18	Fri.	15	P ·50	15 ·69	14	17	Wed.	15	2 ·49	21 ·54	15
20	Wed.	16	1 ·60	11 ·20	15	19	Sat.	16	1 ·45	16 ·69	15	18	Thur.	16	3 ·56	22 ·64	16
21	Thur.	17	2 ·52	12 ·15	16	20	Sun.	17	2 ·42	17 ·70	16	19	Fri.	17	4 ·64	23 ·74	17
22	Fri.	18	3 ·44	13 ·10	17	21	Mon.	18	3 ·41	18 ·73	17	20	Sat.	18	5 ·72	24 ·85	18
23	Sat.	19	4 ·38	14 ·06	18	22	Tues.	19	4 ·43	19 ·78	18	21	Sun.	19	6 ·80	25 ·96	19
24	Sun.	20	5 ·33	15 ·04	19	23	Wed.	20	5 ·46	20 ·84	19	22	Mon.	20	7 ·87	... ...	20
25	Mon.	21	6 ·31	16 ·04	20	24	Thur.	21	6 ·51	21 ·94	20	23	Tues.	21	8 ·93	29 ·05	21
26	Tues.	22	7 ·31	17 ·06	21	25	Fri.	22	7 ·57	... ...	21	24	Wed.	22	9 ·97	27 ·13	22
27	Wed.	23	8 ·32	18 ·10	22	26	Sat.	23	8 ·65	22 ·04	22	25	Thur.	23	... ...	1 ·19	23
28	Thur.	24	9 ·36	19 ·16	23	27	Sun.	24	9 ·74	23 ·14	23				10 ·00		
—29	Fri.	25	10 ·41	20 ·24	24	28	Mon.	25	10 ·83	24 ·25	24	26	Fri.	24	11 ·99	2 ·23	24
1	Sat.	26	11 ·48	21 ·33	25	29	Tues.	26	11 ·90	25 ·35	25	27	Sat.	25	12 ·97	3 ·26	25
2	Sun.	27	12 ·56	22 ·43	26	30	Wed.	27	12 ·96	26 ·45	26	28	Sun.	26	13 ·93	4 ·26	26
3	Mon.	28	13 ·65	23 ·55	27	—31	Thur.	28	.. ...	27 ·52	27	29	Mon.	27	14 ·86	5 ·24	27
						1	Fri.	29	13 ·00	1 ·57	28	30	Tues.	28	—**A** ·79	6 ·21	28
						2	Sat.	30	14 ·02	2 ·60	29	31	Wed.	29	1 ·70	7 ·16	29
												—32	Thur.	30	2 ·60	8 ·11	—30

Śubhakṛit. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** *Śubhakṛit.* **Mīna—Paṅguni.** *H.* 1011 *Sha'bān.* *Śobhana.* **Kumbha—Māḍi.** *Sukla.* **Phālguna.** *Bahula.* *H.* 1011 *Ramażān.* *Śobhana.* **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 1011 *Shawwāl.* *Śobhana.* **Vṛishabha—Vaigāśi.** *Sukla.* **Jyeshṭha.** *Bahula.* *H.* 1011 *Zi-l-ka'da.* *Śobhana.* **Mithuna—Āni.** *Sukla.* **Adhika Āshāḍha.** *Bahula.* *H.* 1012 *Muharram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Puˢh. 9. Aślesh. 10. Magh. 11. P. Phal. 12 U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1603. **Kollam 779,** { **N. Malabar—Sep.** **Hijra 1012.** **Vikrama 1660.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 1.** **Bengal San. 1009.**
P—Paurnimā. **(N. Cycle) Paridhāvin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śobhana. **Karkataka—Ādi.**	**July.**		*Śukla.*	**Nija Āshādha.**	*H.* 1012 *Śafar.*	*Śobhana.* **Kanyā—Purattāśi.**	**Sep.**		*Śukla.*	*Bhādrapada.*	*H.* 1012 *Rabī-ul akhir.*	*Śobhana.* **Vṛiśchika—Kārttigai.**	**Nov.**		*Śukla.*	**Kārttika.**	*H.* 1012 *Jumāda'l awwal.*
1	Fri.	1	3 ·50	9 04	1	1	Thur.	1	7 ·91	17 ·31	4	2	Tues.	1	8 ·27	23 ·24	6
2	Sat	2	4 ·40	11 ·90	2	2	Fri.	2	8 ·90	18 ·32	5	3	Wed.	2	9 ·33	24 ·34	7
3	Sun.	3	5 ·30	12 ·83	3	3	Sat.	3	9 ·92	19 ·34	6	4	Thur.	3	10 ·42	25 ·46	8
4	Mon.	4	6 ·20	13 ·78	4	4	Sun.	4	10 ·95	20 ·39	7	5	Fri.	4	11 ·51	26 ·56	9
5	Tues.	5	7 ·11	14 ·73	5	5	Mon.	5	... ...	21 ·45	8	6	Sat.	5	12 ·59	27 ·66	10
6	Wed.	6	8 ·03 / 9 ·97	15 ·69	6	6	Tues.	6	11 ·00	22 ·54	9	7	Sun.	6	13 ·65	1 ·74	11
7	Thur.	7	10 ·92	16 ·67	7	7	Wed.	7	12 ·07	23 ·64	10	8	Mon.	7	14 ·69	2 ·81	12
8	Fri.	8	11 ·89	17 ·66	8	8	Thur.	8	13 ·15	24 ·75	11	9	Tues.	8	P ·72	3 ·85	13
9	Sat.	9	12 ·88	18 ·63	9	9	Fri.	9	14 ·23	25 ·85	12	10	Wed.	9	1 ·72	4 ·88	14
10	Sun.	10	13 ·88	19 ·72	10	10	Sat.	10	P ·31	26 ·96	13	11	Thur	10	2 ·70	5 ·88	15
11	Mon.	11	14 ·92	20 ·77	11	11	Sun.	11	1 ·39	... ...	14	12	Fri.	11	3 ·68	6 ·87	16
12	Tues.	12	P ·97	21 ·84	12	12	Mon.	12	2 ·46	27 ·06	15	13	Sat.	12	4 ·60	7 ·84	17
13	Wed.	13	... ...	22 ·94	13	13	Tues.	13	3 ·51	1 ·13	16	14	Sun.	13	5 ·54	8 ·79	18
14	Thur.	14	1 ·04	... ...	14	14	Wed.	14	4 ·53	2 ·18	17	15	Mon.	14	6 ·46	9 ·74	19
15	Fri.	15	2 ·12	23 ·04	15	15	Thur.	15	5 ·52	3 ·22	18	16	Tues.	15	7 ·37	10 ·67	20
16	Sat.	16	3 ·20	24 ·15	16	16	Fri.	16	6 ·50	4 ·23	19	17	Wed.	16	8 ·27	11 ·60	21
17	Sun.	17	4 ·28	25 ·26	17	17	Sat.	17	7 ·46	5 ·23	20	18	Thur.	17	9 ·17	12 ·53	22
18	Mon.	18	5 ·35	26 ·35	18	18	Sun.	18	8 ·40	6 ·21	21	19	Fri.	18	10 ·07 / 11 ·98	13 ·46	23
19	Tues.	19	6 ·41	27 ·44	19	19	Mon.	19	9 ·33	7 ·17	22	20	Sat.	19	12 ·89	14 ·41	24
20	Wed.	20	7 ·45	1 ·50	20	20	Tues.	20	10 ·25	8 ·12	23	21	Sun.	20	13 ·82	15 ·36	25
21	Thur.	21	8 ·48	2 ·56	21	21	Wed.	21	11 ·16	9 ·06 / 10 ·99	24	22	Mon.	21	14 ·77	16 ·32	26
22	Fri.	22	9 ·47	3 ·58	22	22	Thur.	22	12 ·06 / 13 ·96	11 ·93	25	23	Tues.	22	—A ·73	17 ·29	27
23	Sat.	23	10 ·45	4 ·59	23	23	Fri.	23	14 ·86	12 ·86	26	24	Wed.	23	1 ·71	18 ·28	28
24	Sun.	24	11 ·40	5 ·57	24	24	Sat.	24	—A ·76	13 ·79	27	25	Thur.	24	2 ·70	19 ·30	—29
25	Mon.	25	12 ·34	6 ·54	25	25	Sun.	25	1 ·67	14 ·73	28	26	Fri.	25	3 ·71	20 ·33	1
26	Tues.	26	13 ·27	7 ·50	26	26	Mon.	26	2 ·60	15 ·68	—29	27	Sat.	26	4 ·75	21 ·38	2
27	Wed.	27	14 ·18	8 ·45	27	27	Tues.	27	3 ·54	16 ·66	1	28	Sun.	27	5 ·81	22 ·45	3
28	Thur.	28	A ·09 / 1 ·99	9 38	28	28	Wed.	28	4 ·50	17 ·61	2	29	Mon.	28	6 ·89	23 ·54	4
29	Fri.	29	2 ·89	10 ·31	—29	29	Thur.	29	5 ·47	18 ·64	3	—30	Tues.	29	7 ·97	24 ·65	5
30	Sat.	30	3 ·79	11 ·24	1	30	Fri.	30	6 ·47	19 ·66	4	1	Wed.	30	... ...	25 ·76	6
—31	Sun.	31	4 ·69	12 ·18	2												
	Aug.						**Oct.**						**Dec.**				
1	Mon.	1	5 ·60	13 ·12	3	—31	Sat.	1	7 ·48	20 ·70	5	2	Thur.	1	8 ·07	26 ·86	7
2	Tues.	2	6 ·52	14 ·06	4	1	Sun.	2	8 ·51	21 ·77	6	3	Fri.	2	9 ·15	27 ·96	8
3	Wed.	3	7 ·46	15 ·02 / 16 ·99	5	2	Mon.	3	9 ·57	22 ·85	7	4	Sat.	3	10 ·22	... ...	9
4	Thur.	4	8 ·41	17 ·99	6	3	Tues.	4	10 ·64	23 ·94	8	5	Sun.	4	11 ·28	1 ·05	10
5	Fri.	5	9 ·38	... ...	7	4	Wed.	5	11 ·72	... ...	9	6	Mon.	5	12 ·33	2 ·12	11
6	Sat.	6	10 ·37	18 ·00	8	5	Thur.	6	12 ·81	24 ·05	10	7	Tues.	6	13 ·36	3 ·17	12
7	Sun.	7	11 ·39	19 ·03	9	6	Fri.	7	13 ·90	25 ·15	11	8	Wed.	7	14 ·35	4 ·20	13
8	Mon.	8	12 ·42	20 ·08	10	7	Sat.	8	14 ·98	26 ·27	12	9	Thur.	8	P ·34	5 ·21	14
9	Tues.	9	13 ·45	21 ·15	11	8	Sun.	9	... ...	27 ·36	13	10	Fri.	9	1 ·30	6 ·20	15
10	Wed.	10	14 ·54	22 ·24	12	9	Mon.	10	P ·04	1 ·44	14	11	Sat.	10	2 ·25	7 ·17	16
11	Thur.	11	P ·61	23 ·34	13	10	Tues.	11	1 ·09	2 ·50	15	12	Sun.	11	3 ·18	8 ·13	17
12	Fri.	12	1 ·69	24 ·45	14	11	Wed.	12	2 ·10	3 ·53	16	13	Mon.	12	4 ·10	9 ·08	18
13	Sat.	13	2 ·78	25 ·56	15	12	Thur.	13	3 ·10	4 ·56	17	14	Tues.	13	5 ·01 / 6 ·91	10 ·01 / 11 ·94	19
14	Sun.	14	3 ·86	26 ·66	16	13	Fri.	14	4 ·08	5 ·55	18	15	Wed.	14	7 ·81	12 ·87	20
15	Mon.	15	4 ·92	27 ·74	17	14	Sat.	15	5 ·01 / 6 ·99	6 ·54	19	16	Thur.	15	8 ·71	13 ·81	21
16	Tues.	16	5 ·96	1 ·82	18	15	Sun.	16	7 ·92	7 ·50	20	17	Fri.	16	9 ·62	14 ·75	22
17	Wed.	17	6 ·98	2 ·87	19	16	Mon.	17	8 ·84	8 ·45	21	18	Sat.	17	10 ·51	15 ·69	23
18	Thur.	18	7 ·97	3 ·90	20	17	Tues.	18	9 ·74	9 ·39	22	19	Sun.	18	11 ·47	16 ·65	24
19	Fri.	19	8 ·95	4 ·91	21	18	Wed.	19	10 ·64	10 ·34	23	20	Mon.	19	12 ·41	17 ·62	25
20	Sat.	20	9 ·91	5 ·90	22	19	Thur.	20	11 ·54	11 ·27	24	21	Tues.	20	13 ·37	18 ·61	26
21	Sun.	21	10 ·86	6 ·88	23	20	Fri.	21	12 ·45	12 ·20	25	22	Wed.	21	14 ·35	19 ·62	27
22	Mon.	22	11 ·79	7 ·84	24	21	Sat.	22	13 ·36	13 ·13	26	23	Thur.	22	—A ·34	20 ·64	28
23	Tues.	23	12 ·71	8 ·78	25	22	Sun.	23	14 ·27	14 ·07	27	24	Fri.	23	1 ·36	21 ·69	29
24	Wed.	24	13 ·61	9 ·72	26	23	Mon.	24	A ·19	15 ·02 / 16 ·99	28	25	Sat.	24	2 ·40	22 ·76	30
25	Thur.	25	14 ·51	10 ·65	27	24	Tues.	25	1 ·13	17 ·96	29	26	Sun.	25	3 ·46	23 ·84	1
26	Fri.	26	—A ·40	11 ·59	28	25	Wed.	26	2 ·09	18 ·96	—30	27	Mon.	26	4 ·53	24 ·95	2
27	Sat.	27	1 ·30	12 ·52	29	26	Thur.	27	3 ·07	19 ·97	1	28	Tues.	27	5 ·62	... ...	3
28	Sun.	28	2 ·21	13 ·45	—30	27	Fri.	28	4 ·07	... ...	2	—29	Wed.	28	6 ·71	25 ·06	4
29	Mon.	29	3 ·12	14 ·40	1	28	Sat.	29	5 ·08	20 ·02	3	1	Thur.	29	7 ·79	26 ·16	5
30	Tues.	30	4 ·04 / 5 ·98	15 ·35	2	—29	Sun.	30	6 ·12	21 08	4	2	Fri.	30	8 ·87	27 ·26	6
—31	Wed.	31	6 ·94	16 ·32	3	1	Mon.	31	7 ·17	22 ·15	5	3	Sat.	31	9 ·93	1 ·35	7

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śatab.

A.D. 1604. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·03.** **Śaka 1526.** **Kaliyuga 4705.**
Lunar Eclipse. ○ **(Arya Sid.) March 27·95.** **(S. Cycle) Krodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śobhana. **Makara—Tai.**	**Jan.**					*Śobhana.* **Mīna—Pangguni.**	**March.**					*Krodhin.* **Vrishabha—Vaigāśi.**	**May.**				
4	Sun.	1	10 ·98	2 ·43	8	4	Thur.	1	10 ·18	7 ·17	9	4	Tues.	1	13 ·65	14 ·44	11
5	Mon	2	... ...	3 ·49	9	5	Fri.	2	11 ·12	8 ·13	10	5	Wed.	2	14 ·53	15 ·38	12
6	Tues.	3	11 ·00	4 ·52	10	6	Sat.	3	12 ·05	9 ·08	11	6	Thur.	3	P ·46	16 ·32	13
7	Wed.	4	12 ·00 / 13 ·99	5 ·53	11				13 ·97			7	Fri.	4	1 ·39	17 ·27	14
8	Thur.	5	14 ·95	6 ·52	12	7	Sun.	4	14 ·88	10 ·03 / 11 ·97	12	8	Sat.	5	2 ·33	18 ·24	15
9	Fri.	6	P ·89	7 ·51	13	8	Mon.	5	P ·78	12 ·90	13	9	Sun.	6	3 ·28	19 ·24	16
10	Sat.	7	1 ·82	8 ·47	14	9	Tues.	6	1 ·68	13 ·83	14	10	Mon.	7	4 ·25	20 ·24	17
11	Sun.	8	2 ·74	9 ·41	15	10	Wed.	7	2 ·58	14 ·76	15	11	Tues.	8	5 ·24	21 ·26	18
12	Mon.	9	3 ·65	10 ·35	16	11	Thur.	8	3 ·48	15 ·70	16	12	Wed.	9	6 ·26	22 ·30	19
13	Tues.	10	4 ·55	11 ·28	17	12	Fri.	9	4 ·40	16 ·65	17	13	Thur.	10	7 ·29	23 ·37	20
14	Wed.	11	5 ·45	12 ·22	18	13	Sat.	10	5 ·33	17 ·61	18	14	Fri.	11	8 ·31	24 ·46	21
15	Thur.	12	6 ·35	13 ·15	19	14	Sun.	11	6 ·27	18 ·59	19	15	Sat.	12	9 ·41	25 ·56	22
16	Fri.	13	7 ·26	14 ·08	20	15	Mon.	12	7 ·22	19 ·58	20	16	Sun.	13	10 ·49	26 ·66	23
17	Sat.	14	8 ·18	15 ·03 / 16 ·98	21	16	Tues.	13	8 ·19	20 ·59	21	17	Mon.	14	11 ·57	27 ·77	24
18	Sun.	15	9 ·11	17 ·95	22	17	Wed.	14	9 ·19	21 ·63	22	18	Tues.	15	12 ·65	1 ·87	25
19	Mon.	16	10 ·05	18 ·94	23	18	Thur.	15	10 ·20	22 ·69	23	19	Wed.	16	13 ·72	2 ·96	26
20	Tues.	17	11 ·01 / 12 ·99	19 ·94	24	19	Fri.	16	11 ·24	23 ·76	24	20	Thur.	17	14 ·78	... ...	27
21	Wed.	18	13 ·98	20 ·96	25	20	Sat.	17	12 ·30	24 ·85	25	21	Fri.	18	—A ·82	3 ·05	28
22	Thur.	19	... ...	... ...	26	21	Sun.	18	13 ·37	25 ·95	26	22	Sat.	19	1 ·84	4 ·10	—29
23	Fri.	20	14 ·00	21 ·00	27	22	Mon.	19	14 ·45	... ...	27	23	Sun.	20	2 ·83	5 ·14	1
24	Sat.	21	—A ·04	22 ·06	28	23	Tues.	20	—A ·54	26 ·07	28	24	Mon.	21	3 ·81	6 ·15	2
25	Sun.	22	1 ·10	23 ·15	—29	24	Wed.	21	1 ·62	27 ·17	—29	25	Tues.	22	4 ·77	7 ·15	3
26	Mon.	23	2 ·17	24 ·25	1	25	Thur.	22	2 ·69	1 ·27	1	26	Wed.	23	5 ·71	8 ·13	4
27	Tues.	24	3 ·26	25 ·35	2	26	Fri.	23	3 ·75	2 ·35	2	27	Thur.	24	6 ·63	9 ·09	5
28	Wed.	25	4 ·35	26 ·46	3	27	Sat.	24	4 ·79	3 ·42	3	28	Fri.	25	7 ·54	10 ·04 / 11 ·98	6
29	Thur.	26	5 ·43	27 ·56	4	28	Sun.	25	5 ·82	4 ·48	4	29	Sat.	26	8 ·44	12 ·91	7
—30	Fri.	27	6 ·51	1 ·66	5	29	Mon.	26	6 ·81	5 ·50	5	30	Sun.	27	9 ·34	13 ·85	8
1	Sat.	28	7 ·57	2 ·74	6	—30	Tues.	27	7 ·79	6 ·51	6	—31	Mon.	28	10 ·23	14 ·78	9
2	Sun.	29	8 ·61	3 ·80	7	1	Wed.	28	8 ·74	7 ·49	7	1	Tues.	29	11 ·13	15 ·72	10
3	Mon.	30	9 ·61	4 ·84	8	2	Thur.	29	9 ·68	8 ·46	8	2	Wed.	30	12 ·03 / 13 ·94	16 ·66	11
4	Tues.	31	10 ·64	5 ·85	9	3	Fri.	30	10 ·61	9 ·42	9	3	Thur.	31	14 ·87	17 ·61	12
						4	Sat.	31	11 ·52	10 ·37	10						
Śobhana. **Kumbha—Māśi.**	**Feb.**					*Krodhin.* **Mēsha—Chittirai.**	**April.**					*Krodhin.* **Mithuna—Āni.**	**June.**				
5	Wed.	1	11 ·61	6 ·86	10	5	Sun.	1	12 ·18	11 ·31	11	4	Fri.	1	P ·81	18 ·58	13
6	Thur.	2	12 ·57	7 ·84	11	6	Mon.	2	13 ·33	12 ·24	12	5	Sat.	2	1 ·76	19 ·56	14
7	Fri.	3	13 ·52	8 ·80	12	7	Tues.	3	14 ·23	13 ·17	13	6	Sun.	3	2 ·73	20 ·56	15
8	Sat.	4	14 ·45	9 ·75	13	8	Wed.	4	P ·13	14 ·10	14	7	Mon	4	3 ·72	21 ·58	16
9	Sun.	5	P ·37	10 ·69	14	9	Thur.	5	1 ·03	15 ·04	15	8	Tues.	5	4 ·74	22 ·61	17
10	Mon.	6	1 ·28	11 ·63	15				2 ·95	16 ·99		9	Wed.	6	5 ·77	23 ·67	18
11	Tues.	7	2 ·18	12 ·56	16	10	Fri.	6	3 ·87	17 ·94	16	10	Thur.	7	6 ·82	24 ·76	19
12	Wed.	8	3 ·08 / 4 ·98	13 ·49	17	11	Sat.	7	4 ·81	18 ·91	17	11	Fri.	8	7 ·89	25 ·86	20
13	Thur.	9	5 ·89	14 ·42	18	12	Sun.	8	5 ·76	19 ·90	18	12	Sat	9	8 ·97	26 ·96	21
14	Fri.	10	6 ·80	15 ·36	19	13	Mon.	9	6 ·71	20 ·92	19	13	Sun.	10	... ...	... ...	22
15	Sat	11	7 ·73	16 ·31	20	14	Tues.	10	7 ·73	21 ·95	20	14	Mon.	11	9 ·05	27 ·07	23
16	Sun.	12	8 ·67	17 ·28	21	15	Wed.	11	8 ·74	... ...	21	15	Tues.	12	10 ·13	1 ·17	24
17	Mon.	13	9 ·63	18 ·26	22	16	Thur.	12	9 ·78	22 ·00	22	16	Wed.	13	11 ·20	2 ·27	25
18	Tues.	14	10 ·60	19 ·26	23	17	Fri.	13	10 ·83	23 ·06	23	17	Thur.	14	12 ·26	3 ·35	26
19	Wed.	15	11 ·61	20 ·27	24	18	Sat.	14	11 ·90	24 ·15	24	18	Fri.	15	13 ·30	4 ·41	27
20	Thur.	16	12 ·63	21 ·31	25	19	Sun.	15	12 ·98	25 ·26	25	19	Sat.	16	14 ·32	5 ·45	28
21	Fri.	17	13 ·66	22 ·38	26	20	Mon.	16	...	26 ·36	26	20	Sun.	17	—A ·31	6 ·47	29
22	Sat.	18	14 ·71	23 ·46	27	21	Tues.	17	13 ·07	27 ·47	27	21	Mon.	18	1 ·29	7 ·48	—30
23	Sun.	19	—A ·78	24 ·55	28	22	Wed.	18	14 ·15	1 ·57	28	22	Tues.	19	2 ·25	8 ·46	1
24	Mon	20	1 ·86	25 ·65	29	23	Thur.	19	A ·23	2 ·66	29	23	Wed.	20	3 ·19	9 ·42	2
25	Tues.	21	2 ·95	26 ·76	30	24	Fri.	20	1 ·29	3 ·73	—30	24	Thur.	21	4 ·11	10 ·38	3
26	Wed.	22	..	27 ·87	1	25	Sat.	21	2 ·32	4 ·79	1				5 ·02		
27	Thur.	23	3 ·01	1 ·97	2	26	Sun.	22	3 ·31	5 ·82	2	25	Fri.	22	6 ·92	11 ·32	4
28	Fri.	24	4 ·12	... ...	3	27	Mon.	23	4 ·33	6 ·83	3	26	Sat.	23	7 ·82	12 ·26	5
29	Sat.	25	5 ·18	2 ·05	4	28	Tues.	24	5 ·31	7 ·82	4	27	Sun.	24	8 ·71	13 ·19	6
—30	Sun.	26	6 ·22	3 ·11	5	29	Wed.	25	6 ·27	8 ·79	5	28	Mon.	25	9 ·61	14 ·12	7
1	Mon.	27	7 ·24	4 ·15	6	30	Thur	26	7 ·21	9 ·76	6					15 ·05	
2	Tues.	28	8 ·24	5 ·18	7	—31	Fri.	27	8 ·15	10 ·71	7	29	Tues.	26	10 ·51	16 ·00	8
3	Wed.	29	9 ·22	6 ·18	8	1	Sat.	28	9 ·04 / 10 ·95	11 ·64	8	30	Wed.	27	11 ·42	17 ·95	9
						2	Sun.	29	11 ·85	12 ·58	9	31	Thur.	28	12 ·34	18 ·91	10
						3	Mon.	30	12 ·75	13 ·50	10	—32	Fri.	29	13 ·28	19 ·89	11
												1	Sat.	30	14 ·21	20 ·88	12

Śukla. *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

H. 1012 *Sha'ban.* *H.* 1012 *Shawwal.* *H.* 1012 *Zi-l-ka'da.* *H.* 1013 *Muharram.*
H. 1012 *Ramazan.* *H.* 1012 *Zi-l-hijja.* *H.* 1013 *Safar.*

Naksh:—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal-
25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1604. **Kollam 780,** {**N. Malabar—Aug.** **Hijra 1013.** **Vikrama 1661.**
A—Amāvāsyā. Commences {**S. Malabar—July.** Commences **May 20.** **Bengal San. 1010.**
P—Paurnimā. **(N. Cycle) Pramādin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Krodhin. **Karkaṭaka—Ādi.** 2	**July**			
3	Sun. 1	**P** 21	21 ·89	13
4	Mon. 2	1 ·21	22 ·93	14
5	Tues. 3	2 ·22	23 ·99	15
6	Wed. 4	3 ·25	.. ..	16
7	Thur. 5	4 ·30	24 ·07	17
8	Fri. 6	5 ·37	25 ·16	18
9	Sat. 7	6 ·45	26 ·26	19
10	Sun. 8	7 ·54	27 ·36	20
11	Mon. 9	8 ·62	1 ·48	21
12	Tues. 10	9 ·69	2 ·58	22
13	Wed. 11	10 ·75	3 ·66	23
14	Thur. 12	11 ·78	4 ·72	24
15	Fri. 13	12 ·80	5 ·77	25
16	Sat. 14	13 ·79	6 ·80	26
17	Sun. 15	14 ·77	7 ·81	27
18	Mon. 16	—**A** ·73	8 ·79	28
19	Tues. 17	1 ·67	9 ·76	—29
20	Wed. 18	2 ·59	10 ·71	1
21	Thur. 19	3 ·50	11 ·67	2
22	Fri. 20	4 ·40	12 ·60	3
23	Sat. 21	5 ·30	13 ·53	4
24	Sun. 22	6 ·20	14 ·46	5
25	Mon. 23	7 ·10	15 ·39	6
26	Tues. 24	8 ·00 / 9 ·91	16 ·32	7
27	Wed. 25	10 ·83	17 ·28	8
28	Thur. 26	11 ·77	18 ·24	9
29	Fri. 27	12 ·73	19 ·21	10
30	Sat. 28	13 ·70	20 ·20	11
—31	Sun. 29	14 ·69	21 ·21	12
1	Mon. 30	**P** ·70	22 ·25	13
2	Tues. 31	1 ·74	23 ·30	14
Krodhin. **Siṅha—Avani.** 2	**Aug.**			
3	Wed. 1	2 ·80	24 ·37	15
4	Thur. 2	3 ·87	25 ·46	16
5	Fri. 3	4 ·95	26 ·56	17
6	Sat. 4	.. .	27 ·67	18
7	Sun. 5	5 ·03	1 ·78	19
8	Mon. 6	6 ·11	2 ·88	20
9	Tues. 7	7 ·18	3 ·96	21
10	Wed. 8	8 ·24	.. ...	22
11	Thur. 9	9 ·28	4 ·03	23
12	Fri. 10	10 ·30	5 ·09	24
13	Sat. 11	11 ·29	6 ·12	25
14	Sun. 12	12 ·27	7 ·13	26
15	Mon. 13	13 ·23	8 ·12	27
16	Tues. 14	14 ·17	9 ·09	28
17	Wed. 15	**A** ·09	10 ·06	29
18	Thur. 16	1 ·00 / 2 ·91	11 ·00 / 12 ·94	30
19	Fri. 17	3 ·81	13 ·87	1
20	Sat. 18	4 ·71	14 ·80	2
21	Sun. 19	5 ·61	15 ·73	3
22	Mon. 20	6 ·51	16 ·67	4
23	Tues. 21	7 ·43	17 ·62	5
24	Wed. 22	8 ·35	18 ·57	6
25	Thur. 23	9 ·28	19 ·54	7
26	Fri. 24	10 ·24	20 ·52	8
27	Sat. 25	11 ·22	21 ·54	9
28	Sun. 26	12 ·21	22 ·56	10
29	Mon. 27	13 ·22	23 ·61	11
30	Tues. 28	14 ·26	24 ·67	12
—31	Wed. 29	**P** ·32	25 ·76	13
1	Thur. 30	1 ·39	26 ·86	14
2	Fri. 31	2 ·47	27 ·97	15

Śrāvana. *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśirsha.* *Pausha.*
Śukla. *Bahula.* *H.* 1013 *Śafar.* *H.* 1013 *Rabi-ul awwal.* *H.* 1013 *Rabi-ul ākhir.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Krodhin. **Kanyā—Puraṭṭāśi.** 2	**Sep.**			
3	Sat. 1	**Bhād.** 3 ·56	... ...	16
4	Sun. 2	4 ·64	1 ·08	17
5	Mon. 3	5 ·71	2 ·18	18
6	Tues. 4	6 ·77	3 ·27	19
7	Wed. 5	7 ·81	4 ·35	20
8	Thur. 6	8 ·83	5 ·40	21
9	Fri. 7	9 ·83	6 ·44	22
10	Sat. 8	10 ·81	7 ·45	23
11	Sun. 9	11 ·77	8 ·41	24
12	Mon. 10	12 ·71	9 ·42	25
13	Tues 11	13 ·63	10 ·39	26
14	Wed. 12	14 ·54	11 ·34	27
15	Thur. 13	**A** ·45	12 ·28	28
16	Fri. 14	1 ·35	13 ·21	—29
17	Sat. 15	2 ·25	14 ·14	1
18	Sun. 16	3 ·15	15 08	2
19	Mon. 17	4 ·06 / 5 ·97	16 ·01 / 17 ·95	3
20	Tues. 18	6 ·89	18 ·90	4
21	Wed. 19	7 ·83	19 ·87	5
22	Thur. 20	8 ·79	20 86	6
23	Fri. 21	9 ·77	21 86	7
24	Sat. 22	10 ·76	22 ·88	8
25	Sun. 23	11 ·78	23 ·92	9
26	Mon. 24	12 ·83	24 ·98	10
27	Tues. 25	13 ·89	... ..	11
28	Wed. 26	14 ·96	25 ·07	12
29	Thur. 27	.. ..	26 ·16	13
30	Fri. 28	**P** ·04	27 ·27	14
—31	Sat. 29	1 ·13	1 ·37	15
	Sun. 30	2 ·21	2 ·48	16
Krodhin. **Tulā—Aippaśi.** 1	**Oct.**			
2	Mon. 1	3 ·28	3 ·58	17
3	Tues. 2	4 ·34	4 ·66	18
4	Wed. 3	5 ·38	5 ·72	19
5	Thur. 4	6 ·40	6 ·75	20
6	Fri. 5	7 ·39	7 ·77	21
7	Sat. 6	8 ·38	8 ·77	22
8	Sun. 7	9 ·34	9 ·76	23
9	Mon. 8	10 ·29	10 ·72	24
10	Tues. 9	11 ·22	11 ·67	25
11	Wed. 10	12 ·13	12 ·61	26
12	Thur. 11	13 ·03 / 14 ·93	13 ·55	27
13	Fri. 12	**A** ·83	14 ·48	28
14	Sat. 13	1 ·73	15 ·41	29
15	Sun. 14	2 ·64	16 ·35	30
16	Mon. 15	3 ·56	17 ·29	1
17	Tues 16	4 ·49	18 ·23	2
18	Wed. 17	5 ·43	19 ·21	3
19	Thur. 18	6 ·39	20 ·18	4
20	Fri. 19	7 ·36	21 ·18	5
21	Sat. 20	8 ·36	22 ·19	6
22	Sun. 21	9 38	23 ·23	7
23	Mon. 22	10 ·42	24 ·30	8
24	Tues. 23	11 ·48	25 ·37	9
25	Wed. 24	12 ·55	26 ·46	10
26	Thur. 25	13 ·63	27 ·56	11
27	Fri. 26	14 ·73	1 ·67	12
28	Sat. 27	**P** ·81	2 ·78	13
29	Sun. 28	1 ·88	3 ·88	14
30	Mon. 29	2 ·94	4 ·96	15
—31	Tues. 30	3 ·98	.. ...	16
1	Wed. 31	.. ..	5 ·03	17

Śukla. *Kārttika.* *Jamāda l awwal.* *Jamāda l ākhir.*
Bahula. *H.* 1013 *Jamāda l ākhir.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Krodhin. **Vṛiśchika—Kārttigai.** 2	**Nov.**			
3	Thur. 1	4 ·01	6 ·07	18
4	Fri. 2	5 ·01 / 6 ·99	7 ·09	19
5	Sat. 3	7 ·95	8 ·10	20
6	Sun. 4	8 ·89	9 ·09	21
7	Mon. 5	9 ·82	10 ·05	22
8	Tues. 6	10 ·74	11 ·01 / 12 ·95	23
9	Wed. 7	11 ·65	13 ·89	24
10	Thur. 8	12 ·55	14 ·82	25
11	Fri. 9	13 ·45	15 ·75	26
12	Sat. 10	14 ·35	16 ·68	27
13	Sun. 11	—**A** ·26	17 ·62	28
14	Mon. 12	1 ·18	18 ·58	—29
15	Tues. 13	2 ·11	19 ·54	1
16	Wed. 14	3 ·05	20 ·51	2
17	Thur. 15	4 ·01 / 5 ·99	21 ·50	3
18	Fri. 16	6 99	22 ·51	4
19	Sat. 17	... ...	23 ·54	5
20	Sun. 18	7 ·00	24 ·60	6
21	Mon. 19	8 ·04	25 ·67	7
22	Tues. 20	9 ·10	26 ·76	8
23	Wed. 21	10 ·18	27 ·86	9
24	Thur. 22	11 ·27	1 ·97	10
25	Fri. 23	12 ·36	... ...	11
26	Sat. 24	13 ·44	2 ·08	12
27	Sun. 25	14 ·51	3 ·18	13
28	Mon. 26	**P** ·57	4 ·27	14
—29	Tues. 27	1 ·62	5 ·34	15
1	Wed. 28	2 ·64	6 ·38	16
2	Thur. 29	3 ·64	7 ·42	17
	Fri. 30	4 ·63	8 ·43	18
Krodhin. **Dhanus—Mārgali.** 3	**Dec.**			
4	Sat. 1	5 ·59	9 ·42	19
5	Sun. 2	6 53	10 ·39	20
6	Mon. 3	7 ·46	11 ·34	21
7	Tues. 4	8 ·38	12 ·30	22
8	Wed. 5	9 ·29	13 ·23	23
9	Thur. 6	10 ·19	14 ·16	24
10	Fri. 7	11 ·09 / 12 ·99	15 ·09	25
11	Sat. 8	13 ·90	16 ·02 / 17 ·97	26
12	Sun. 9	14 ·82	18 ·91	27
13	Mon. 10	—**A** ·75	19 ·87	28
14	Tues. 11	1 ·69	20 ·84	29
15	Wed. 12	2 66	21 ·82	—30
16	Thur. 13	3 ·63	22 ·83	1
17	Fri. 14	4 ·63	23 ·86	2
18	Sat. 15	5 65	24 ·91	3
19	Sun. 16	6 ·69	25 ·98	4
20	Mon. 17	7 ·75	. ...	5
21	Tues. 18	8 ·83	26 ·06	6
22	Wed. 19	9 ·91	27 ·16	7
23	Thur. 20	... ..	1 ·28	8
24	Fri. 21	10 ·00	2 ·38	9
25	Sat. 22	11 ·09	3 ·48	10
26	Sun. 23	12 ·17	4 ·57	11
27	Mon. 24	13 ·23	5 ·64	12
28	Tues. 25	14 ·27	6 ·71	13
29	Wed. 26	**P** ·29	7 ·74	14
30	Thur. 27	1 ·29	8 ·75	15
31	Fri. 28	2 ·27	9 ·74	16
1	Sat. 29	3 ·23	10 ·72	17
2	Sun. 30	4 ·18	11 ·69	18
3	Mon. 31	5 ·11	12 ·63	19

Śukla. *Mārgaśirsha.* *Pausha.* *H.* 1013 *Śha'bān.*
Bahula. *H.* 1013 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19 Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1605. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·29.** **Śaka 1527.** **Kaliyuga 4706.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·21.** **(S. Cycle) Viśvāvasu.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Krodhin. **Makara—Tai.** 4	Tues. 1	6 02	13 ·57	*H.* 1013 *Shaʻbān.* 20
5	Wed. 2	*Bahula.* 7 ·93		21
6	Thur. 3	8 ·83	14 ·50	22
7	Fri. 4	9 ·73	15 ·43	23
8	Sat. 5	10 ·64	16 ·36	24
9	SUN. 6	11 ·55	17 ·30	25
10	Mon. 7	12 ·47	18 ·25	26
11	Tues. 8	13 ·39	19 ·20	27
12	Wed. 9	14 ·33	20 16	28
13	Thur. 10	— **A** ·30	21 ·15	— 29
14	Fri. 11	1 ·28	22 ·16	1
15	Sat. 12	2 ·27	23 ·18	2
16	SUN. 13	3 ·29	24 ·22	3
17	Mon. 14	4 ·33	25 ·28	4
18	Tues. 15	5 ·39	26 ·36	5
19	Wed. 16	6 ·47	27 ·47	6
20	Thur. 17	7 ·56	1 ·57	7
21	Fri 18	8 ·65	2 ·68	8
22	Sat. 19	9 ·73	3 ·78	9
23	SUN. 20	10 ·80	4 ·88	10
24	Mon 21	11 ·86	5 ·96	11
25	Tues. 22	12 ·91	... ...	12
26	Wed. 23	13 ·93	6 02	13
27	Thur. 24	14 ·93	7 ·06	14
28	Fri. 25	*Śukla.* **P** 1 ·91	8 07	15
29	Sat. 26	2 ·87	9 ·07	16
1	SUN. 27	3 ·81	10 06 / 11 02	17
2	Mon. 28	4 ·74	12 ·97 / 13 ·91	*H.* 18
3	Tues 29	5 ·66	14 ·84	19
4	Wed. 30	6 ·57	15 ·77	20
5	Thur. 31	7 ·47	16 ·71	21
	Feb.			
6	Fri. 1	8 ·37	17 ·64	22
7	Sat. 2	9 ·28	18 ·58	23
8	SUN. 3	10 ·20	19 ·53	24
9	Mon. 4	11 ·12 / 12 ·06	20 49	25
10	Tues. 5	13 ·02	21 ·48	26
11	Wed. 6	14 ·00	22 ·48	27
12	Thur. 7	— **A** ·00	23 ·49	28
13	Fri. 8	1 ·02	24 ·53	29
14	Sat. 9	2 ·06	25 ·59	— 30
15	SUN. 10		26 ·68	1
16	Mon. 11	3 ·02	27 ·77	2
17	Tues. 12	4 ·09	1 ·87	3
18	Wed. 13	*Śukla.* 5 17	2 ·98	4
19	Thur. 14	6 ·26	...	5
20	Fri. 15	7 ·35	3 ·08	6
21	Sat. 16	8 ·43	4 ·19	7
22	SUN. 17	9 ·48	5 ·27	8
23	Mon. 18	10 ·52	6 ·33	9
24	Tues. 19	11 ·51	7 ·37	10
25	Wed. 20	12 ·53	8 ·39	11
26	Thur. 21	13 ·52	9 ·39	12
27	Fri. 22	14 ·48	10 ·38	13
28	Sat. 23	**P** ·42	11 ·35	14
29	SUN. 24	1 ·35	12 ·30	15
— 30	Mon. 25	2 ·27	13 ·24	16
1	Tues. 26	3 ·17	14 ·18	17
2	Wed. 27	4 ·07 / 5 ·97	15 ·12	18
3	Thur. 28	6 ·87	16 ·05 / 17 ·98	19

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
Krodhin. **Mīna—Panguni.** 4	Fri. 1	7 ·78	18 ·92	20
5	Sat. 2	*Bahula.* 8 ·69	19 ·86	21
6	SUN. 3	9 ·61	20 ·83	22
7	Mon. 4	10 ·55	21 ·81	23
8	Tues. 5	11 ·51	22 ·80	24
9	Wed. 6	12 ·50	23 ·81	25
10	Thur. 7	13 ·49	24 ·84	26
1	Fri. 8	14 ·51	25 ·91	27
12	Sat. 9	**A** ·55	26 ·98	28
13	SUN. 10	1 ·61	... ...	— 29
14	Mon. 11	2 ·68	27 ·07	1
15	Tues. 12	3 ·76	1 ·17	2
16	Wed. 13	4 ·85	2 ·28	3
17	Thur. 14	5 ·93	3 ·39	4
18	Fri. 15	...	4 ·49	5
19	Sat. 16	6 ·01	5 ·57	6
20	SUN. 17	*Śukla.* 7 ·07	6 ·64	7
21	Mon. 18	8 ·11	7 ·69	8
22	Tues. 19	9 ·12	8 ·71	9
23	Wed. 20	10 ·12	9 ·73	10
24	Thur. 21	11 ·10	10 ·71	11
25	Fri. 22	12 ·05 / 13 ·99	11 ·68	12
26	Sat. 23	14 ·92	12 ·64	13
27	SUN. ○ 24	**P** ·81	13 ·58	14
28	Mon. 25	1 ·74	14 ·53	15
29	Tues. 26	2 ·64	15 ·46	16
— 30	Wed. 27	3 ·53	16 ·39	17
1	Thur. 28	4 ·43	17 ·32	18
2	Fri. 29	5 ·33	18 ·25	19
3	Sat. 30	*Bahula.* 6 ·24	19 ·20	*H.* 20
4	SUN. 31	7 ·17	20 ·16	21
	April.			
5	Mon. 1	8 ·11	21 ·13	22
6	Tues. 2	9 ·07	22 ·12	23
7	Wed. 3	10 ·05	23 ·13	24
8	Thur. 4	11 ·05	24 ·17	25
9	Fri. 5	12 ·06	25 ·22	26
10	Sat. 6	13 ·10	26 ·28	27
11	SUN. 7	14 ·16	27 ·37	28
12	Mon. ● 8	— **A** ·23	1 ·47	29
13	Tues. 9	1 ·31	2 ·57	30
14	Wed. 10	2 ·40	3 ·69	1
15	Thur. 11	3 ·48	4 ·79	2
16	Fri. 12	4 ·55	5 ·88	3
17	Sat. 13	5 ·60	6 ·95	4
18	SUN. 14	*Śukla.* 6 ·61	... ...	5
19	Mon. 15	7 ·66	7 ·01	6
20	Tues. 16	8 ·65	8 ·04	7
21	Wed. 17	9 ·63	9 ·05	8
22	Thur. 18	10 ·59	10 ·04 / 11 01	9
23	Fri. 19	11 ·53	12 ·97	10
24	Sat. 20	12 ·45	13 ·93	11
25	SUN. 21	13 ·36	14 ·86	12
26	Mon. 22	14 ·26	15 ·79	13
27	Tues. 23	**P** 16	16 ·72	14
28	Wed. 24	1 ·06 / 2 ·96	17 65	15
29	Thur. 25	3 ·86	18 ·60	16
30	Fri. 26	4 ·77	19 ·54	17
— 31	Sat. 27	5 ·69	20 ·49	18
1	SUN. 28	6 ·63	21 ·46	19
2	Mon. 29	7 ·59	22 ·45	20
3	Tues. 30	8 ·57	23 ·46	21

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
Vishvāvasu. **Vrishabha—Vaigāsi.** 4	Wed. 1	9 ·57	24 ·48	22
5	Thur. 2	10 ·58	25 ·52	23
6	Fri. 3	11 ·62	26 ·59	24
7	Sat. 4	12 ·67	27 ·67	25
8	SUN. 5	13 ·74	1 ·77	26
9	Mon. 6	14 ·82	2 ·88	27
10	Tues. 7	— **A** ·90	3 ·99	28
11	Wed. 8	1 ·99	... ...	— 29
12	Thur. 9	... ...	4 ·09	1
13	Fri. 10	2 ·06	5 ·18	2
14	Sat. 11	3 ·12	6 ·26	3
15	SUN. 12	*Śukla.* 4 ·15	7 ·32	4
16	Mon. 13	5 ·16	8 ·36	5
17	Tues. 14	6 ·16	9 ·37	6
18	Wed. 15	7 ·14	10 ·37	7
19	Thur. 16	8 ·09	11 ·34	8
20	Fri. 17	9 03 / 10 95	12 ·31	9
21	Sat. 18	11 ·86	13 ·26	10
22	SUN. 19	12 ·76	14 ·20	11
23	Mon. 20	13 ·66	15 ·13	12
24	Tues. 21	14 ·56	16 ·05	13
25	Wed. 22	**P** ·45	17 ·00 / 18 ·93	14
26	Thur. 23	1 ·35	19 ·88	15
27	Fri. 24	2 ·27	20 ·83	16
28	Sat. 25	3 ·20	21 ·79	17
29	SUN. 26	4 ·13	22 ·77	18
30	Mon. 27	5 ·08	23 ·78	19
31	Tues. 28	6 ·06	24 ·80	20
— 32	Wed. 29	7 ·05	25 ·84	21
1	Thur. 30	8 ·07	26 ·89	22
2	Fri. 31	9 ·11	27 ·97	23
	June.			
3	Sat. 1	10 ·16	... ...	24
4	SUN. 2	11 ·23	1 08	— 25
5	Mon. 3	12 ·31	2 ·18	26
6	Tues. 4	13 ·39	3 ·29	27
7	Wed. 5	14 ·47	4 ·39	28
8	Thur. 6	— **A** ·54	5 ·48	29
9	Fri. 7	1 ·60	6 ·57	— 30
10	Sat. 8	2 ·63	7 ·63	1
11	SUN. 9	3 ·65	8 ·67	2
12	Mon. 10	4 ·64	9 ·69	3
13	Tues. 11	5 ·62	10 ·69	4
14	Wed. 12	6 ·57	11 ·68	5
15	Thur. 13	7 ·50	12 ·65	6
16	Fri. 14	8 ·42	13 ·60	7
17	Sat. 15	9 ·33	14 ·54	8
18	SUN. 16	10 ·24	15 ·47	9
19	Mon. 17	11 ·14	16 ·40	10
20	Tues. 18	12 ·04 / 13 ·93	17 ·31	11
21	Wed. 19	14 ·83	18 ·27	12
22	Thur. 20	**P** ·74	19 ·21	13
23	Fri. 21	1 ·67	20 ·16	14
24	Sat. 22	2 ·61	21 ·12	15
25	SUN. 23	3 ·56	22 ·10	16
26	Mon. 24	4 ·54	23 ·10	17
27	Tues. 25	5 ·53	24 ·11	18
28	Wed. 26	6 ·54	25 ·15	19
29	Thur. 27	7 ·58	26 ·20	20
30	Fri. 28	8 ·64	27 ·29	21
— 31	Sat. 29	9 ·71	1 ·38	22
1	SUN. 30	10 ·79	2 ·48	23

Nakshatras: 1. Aśvin 2. Bhar 3. Kṛit 4. Rohi 5. Mṛig 6. Ardrā 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev

A.D. 1605. **Kollam 781.** **N. Malabar—Sep.** **Hijra 1014.** **Vikrama 1662.**
A—Amāvāsyā. Commences **S. Malabar—Aug.** Commences **May 9.** **Bengal San. 1011.**
P—Paurnimā. **(N. Cycle) Ānanda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Vibdravasu. **Karkataka—Ādi.** 2	Mon.	1	11 ·87	3 ·58	24	1	Sun.	1	13 ·14	10 ·67	27	2	Fri.	1	1 ·83	16 ·10	—29
3	Tues.	2	12 ·95	4 ·69	25	2	Mon.	2	14 ·11	11 ·66	28					17 ·04	
4	Wed.	3	... ...	5 ·80	26	3	Tues.	3	— **A** 07	12 ·64	—29	3	Sat.	2	2 ·73	18 ·97	1
5	Thur.	4	13 02	6 ·88	27	4	Wed.	4	1 ·01	13 ·60	1	4	Sun.	3	3 ·63	19 ·90	2
6	Fri.	5	14 ·07	7 ·94	28				2 ·93			5	Mon.	4	4 ·53	20 ·84	3
7	Sat.	6	— **A** ·11	8 ·99	—29	5	Thur.	5	3 ·84	14 ·56	2	6	Tues.	5	5 ·45	21 ·79	4
8	Sun.	7	1 ·13	.. ..	1	6	Fri.	6	4 ·75	15 ·49	3	7	Wed.	6	6 ·38	22 ·75	5
9	Mon.	8	2 ·12	9 ·01	2	7	Sat.	7	5 ·65	16 ·43	4	8	Thur.	7	7 ·33	23 ·73	6
10	Tues.	9	3 ·09	10 ·03	3	8	Sun.	8	6 ·55	17 ·36	5	9	Fri.	8	8 ·29	24 ·72	7
11	Wed.	10	4 ·05	11 ·01	4	9	Mon.	9	7 ·45	18 ·29	6	10	Sat.	9	9 ·28	25 ·73	8
			5 ·98	12 ·98													
12	Thur.	11	6 ·90	13 ·93	5	10	Tues.	10	8 ·35	19 ·23	7	11	Sun.	10	10 ·27	26 ·76	9
13	Fri.	12	7 ·81	14 ·87	6	11	Wed.	11	9 ·26	20 ·17	8	12	Mon.	11	11 ·29	27 ·81	10
14	Sat.	13	8 ·72	15 ·81	7	12	Thur.	12	10 ·19	21 ·12	9	13	Tues.	12	12 ·33	1 ·90	11
15	Sun.	14	9 ·62	16 ·75	8	13	Fri.	13	11 ·13	22 ·09	10	14	Wed.	13	13 ·40	2 ·98	12
16	Mon.	15	10 ·52	17 ·68	9	14	Sat.	14	12 ·09	23 ·07	11	15	Thur.	14	14 ·48	... ...	13
17	Tues.	16	11 ·42	18 ·61	10	15	Sun.	15	13 ·07	24 ·08	12	16	Fri.	15	**P** ·56	3 ·08	14
18	Wed.	17	12 ·32	19 ·55	11	16	Mon.	16	14 ·07	25 ·10	13	17	Sat.	16	1 ·65	4 ·19	15
19	Thur.	18	13 ·23	20 ·49	12	17	Tues.	17	**P** ·09	26 ·14	14	18	Sun.	17	2 ·73	5 ·30	16
20	Fri.	19	14 ·15	21 ·46	13	18	Wed.	18	1 ·13	27 ·20	15	19	Mon.	18	3 ·80	6 ·40	17
21	Sat.	20	**P** ·09	22 ·43	14	19	Thur.	19	2 ·19	1 ·28	16	20	Tues.	19	4 ·86	7 ·49	18
22	Sun.	21	1 ·04	23 ·42	15	20	Fri.	20	3 ·26	2 ·37	17	21	Wed.	20	5 ·90	8 ·56	19
23	Mon.	22	2 ·02	24 ·43	16	21	Sat.	21	4 ·34	3 ·48	18	22	Thur.	21	6 ·93	9 ·60	20
24	Tues.	23	3 ·01	25 ·46	17	22	Sun.	22	5 ·43	4 ·59	19	23	Fri.	22	7 ·92	10 ·63	21
25	Wed.	24	4 ·03	26 ·52	18	23	Mon.	23	6 ·51	5 ·70	20	24	Sat.	23	8 ·90	11 ·65	22
26	Thur.	25	5 ·07	27 ·59	19	24	Tues.	24	7 ·58	6 ·79	21	25	Sun.	24	9 ·87	12 ·64	23
27	Fri.	26	6 ·12	1 ·68	20	25	Wed.	25	8 ·64	7 ·87	22	26	Mon.	25	10 ·81	13 ·61	24
28	Sat.	27	7 ·19	2 ·78	21	26	Thur.	26	9 ·68	8 ·94	23	27	Tues.	26	11 ·73	14 ·56	25
29	Sun.	28	8 ·27	3 ·88	22	27	Fri.	27	10 ·70	9 ·97	24	28	Wed.	27	12 ·65	15 ·51	26
30	Mon.	29	9 ·36	... ...	23	28	Sat.	28	11 ·70	10 ·99	25	29	Thur.	28	13 ·56	16 ·45	27
31	Tues.	30	10 ·44	4 ·00	24	29	Sun.	29	12 ·67	11 ·99	26	—30	Fri.	29	14 ·46	17 ·38	28
—32	Wed.	31	11 ·51	5 ·10	25	—30	Mon.	30	13 ·63	12 ·97	27	1	Sat.	30	— **A** ·36	18 ·31	29
	Aug.						**Oct.**						**Dec.**				
Vimdvasu. **Simha—Avani.** 1	Thur.	1	12 ·56	6 ·18	26	1	Tues.	1	14 ·57	13 ·94	28	2	Sun.	1	1 ·27	19 ·24	—30
2	Fri.	2	13 ·60	7 ·25	27	2	Wed.	2	— **A** ·50	14 ·89	29	3	Mon.	2	2 ·18	20 ·18	1
3	Sat.	3	14 ·62	8 ·30	28	3	Thur.	3	1 ·41	15 ·83	—30	4	Tues.	3	3 ·09	21 ·12	2
4	Sun.	4	— **A** ·61	9 ·33	29	4	Fri.	4	2 ·31	16 ·77	1	5	Wed.	4	4 ·02	22 ·09	3
5	Mon.	5	1 ·58	10 ·35	—30	5	Sat.	5	3 ·21	17 ·69	2				5 ·97		
6	Tues.	6	2 ·54	11 ·34	1	6	Sun.	6	4 ·11	18 ·63	3	6	Thur.	5	6 ·93	23 ·06	4
7	Wed.	7	3 ·48	12 ·31	2	7	Mon.	7	5 ·02	19 ·57	4	7	Fri.	6	7 ·91	24 ·04	5
8	Thur.	8	4 ·40	13 ·27	3				6 ·93			8	Sat.	7	8 ·91	25 ·05	6
9	Fri.	9	5 ·31	14 ·21	4	8	Tues.	8	7 ·85	20 ·51	5	9	Sun.	8	9 ·94	26 ·08	7
10	Sat.	10	6 ·21	15 ·16	5	9	Wed.	9	8 ·77	21 ·45	6	10	Mon.	9	10 ·98	27 ·13	8
11	Sun.	11	7 ·11	16 ·09	6	10	Thur.	10	9 ·71	22 ·42	7	11	Tues.	10	...	1 ·20	9
12	Mon.	12	8 ·01	17 ·02	7	11	Fri.	11	10 ·67	23 ·40	8	12	Wed.	11	11 ·04	2 ·28	10
			9 ·91	18 ·95		12	Sat.	12	11 ·65	24 ·40	9	13	Thur.	12	12 ·12	3 ·38	11
13	Tues.	13	10 ·82	19 ·88	8	13	Sun.	13	12 ·65	25 ·41	10	14	Fri.	13	13 ·20	4 ·49	12
14	Wed.	14	11 ·73	20 ·84	9	14	Mon.	14	13 ·67	26 ·45	11	15	Sat.	14	14 ·30	5 ·60	13
15	Thur.	15	12 ·65	21 ·79	10	15	Tues.	15	14 ·72	27 ·51	12	16	Sun.	15	**P** ·38	6 ·70	14
16	Fri.	16	13 ·59	22 ·76	11	16	Wed.	16	**P** ·78	1 ·58	13	17	Mon.	16	1 ·45	7 ·79	15
17	Sat.	17	14 ·55	23 ·74	12	17	Thur.	17	1 ·86	2 ·68	14	18	Tues.	17	2 ·52	8 ·86	16
18	Sun.	18	**P** ·53	24 ·75	13	18	Fri.	18	2 ·94	3 ·79	15	19	Wed.	18	3 ·56	9 ·92	17
19	Mon.	19	1 ·52	25 ·78	14	19	Sat.	19	... ...	4 ·89	16	20	Thur.	19	4 ·57	10 ·96	18
20	Tues.	20	2 ·53	26 ·83	15	20	Sun.	20	3 ·02	... ...	17	21	Fri.	20	5 ·56	11 ·97	19
21	Wed.	21	3 ·58	27 ·89	16	21	Mon.	21	4 ·10	5 ·00	18	22	Sat.	21	6 ·55	12 ·96	20
22	Thur.	22	4 ·63	1 ·98	17	22	Tues.	22	5 ·18	6 ·09	19	23	Sun.	22	7 ·51	13 ·94	21
23	Fri.	23	5 ·70	... ..	18	23	Wed.	23	6 ·24	7 ·18	20	24	Mon.	23	8 ·45	14 ·89	22
24	Sat.	24	6 ·78	2 ·07	19	24	Thur.	24	7 ·28	8 ·25	21	25	Tues.	24	9 ·38	15 ·84	23
25	Sun.	25	7 ·87	3 ·19	20	25	Fri.	25	8 ·30	9 ·29	22	26	Wed.	25	10 ·30	16 ·79	24
26	Mon.	26	8 ·95	4 ·30	21	26	Sat.	26	9 ·29	10 ·31	23	27	Thur.	26	11 ·21	17 ·72	25
27	Tues.	27	... ...	5 ·41	22	27	Sun.	27	10 ·27	11 ·31	24	28	Fri.	27	12 ·11	18 ·65	26
28	Wed.	28	9 ·03	6 ·49	23	28	Mon.	28	11 ·23	12 ·31	25				13 ·01		
29	Thur.	29	10 ·09	7 ·56	24	29	Tues.	29	12 ·17	13 ·27	26	—29	Sat	28	14 ·91	19 ·58	27
30	Fri.	30	11 ·13	8 ·61	25	—30	Wed.	30	13 ·10	14 23	27	1	Sun.	29	— **A** ·82	20 ·51	28
—31	Sat.	31	12 ·14	9 ·66	26	1	Thur.	31	14 ·02	15 ·17	28	2	Mon.	30	1 ·74	21 ·47	—29
									— **A** ·93			3	Tues.	31	2 ·67	22 ·42	1

13. Hasta. 14. Chit. 15. Svāti. 16 Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1606. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.) **Śaka 1528.** **Kaliyuga 4707.**
Solar Eclipse. ● **(Surya Sid.) March 28·55.** **(S. Cycle) Parābhava.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·47.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Vibhavasu. **Makara—Tai.**	**Jan.**			
4	Wed. 1	3 ·62	23 ·38	2
5	Thur. 2	4 ·58	24 ·37	3
6	Fri. 3	5 ·55	25 ·37	4
7	Sat. 4	*Śukla.* 6 ·55	26 ·40	5
8	Sun. 5	7 ·58	27 ·44	6
9	Mon. 6	8 ·62	1 ·50	7
10	Tues 7	9 ·68	2 ·59	8
11	Wed. 8	10 ·76	3 ·69	9
12	Thur. 9	11 ·85	4 ·80	10
13	Fri. 10	12 ·94	5 ·90	11
14	Sat. 11	... ...	... ...	12
15	Sun. 12	13 ·02	6 ·00	13
16	Mon. 13	14 ·10	7 ·10	14
17	Tues. 14	P ·16	8 ·17	15
18	Wed. 15	1 ·20	9 ·23	16
19	Thur. 16	2 ·21	10 ·28	17
20	Fri. 17	3 ·21	11 ·29	18
21	Sat. 18	4 ·19	12 ·29	19
22	Sun. 19	5 ·15	13 ·27	20
23	Mon. 20	6 ·09	14 ·23	21
24	Tues. 21	*Bahula.* 7 ·02 / 8 ·94	15 ·19	22
25	Wed. 22	9 ·85	16 ·13	23
26	Thur. 23	10 ·75	17 ·06 / 18 ·99	24
27	Fri. 24	11 ·65	19 ·92	25
28	Sat. 25	12 ·55	20 ·86	26
29	Sun. 26	13 ·46	21 ·80	27
30	Mon. 27	14 ·37	22 ·75	28
31	Tues. 28	A ·30	23 ·71	29
1	Wed. 29	1 ·24	24 ·69	30
2	Thur. 30	2 ·21	25 ·70	1
3	Fri. 31	3 ·19	26 ·71	2
	Feb.			
4	Sat. 1	4 ·19	27 ·75	3
5	Sun. 2	5 ·21	1 ·81	4
6	Mon. 3	6 ·25	2 ·89	5
7	Tues. 4	*Śukla.* 7 ·31	3 ·99	6
8	Wed. 5	8 ·39	... ...	7
9	Thur. 6	9 ·48	4 ·09	8
10	Fri. 7	10 ·57	5 ·20	9
11	Sat. 8	11 ·65	6 ·30	10
12	Sun. 9	12 ·72	7 ·40	11
13	Mon. 10	13 ·78	8 ·48	12
14	Tues. 11	14 ·82	9 ·55	13
15	Wed. 12	P ·83	10 ·59	14
16	Thur. 13	1 ·83	11 ·61	15
17	Fri. 14	2 ·81	12 ·61	16
18	Sat. 15	3 ·78	13 ·59	17
19	Sun. 16	4 ·72	14 ·57	18
20	Mon. 17	5 ·64	15 ·52	19
21	Tues. 18	6 ·55	16 ·46	20
22	Wed. 19	*Bahula.* 7 ·45	17 ·40	21
23	Thur. 20	8 ·35	18 ·33	22
24	Fri 21	9 ·25	19 ·27	23
25	Sat. 22	10 16	20 ·20	24
26	Sun. 23	11 ·07 / 12 ·99	21 ·14	25
27	Mon. 24	13 ·91	22 ·08	26
28	Tues. 25	14 ·85	23 ·04	27
29	Wed. 26	A ·81	24 ·03	28
1	Thur. 27	1 ·79	25 ·02	29
2	Fri. 28	2 ·79	26 ·03	1
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Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Viśvāvasu. **Mīna—Pāṅguni.**	**March.**			
4	Sat. 1	3 ·81	27 ·06	2
5	Sun. 2	4 ·85	1 ·12	3
6	Mon. 3	5 ·91	2 ·19	4
7	Tues. 4	6 ·98	3 ·29	5
8	Wed. 5	*Śukla.*	4 ·39	6
9	Thur. 6	7 ·07	5 ·50	7
10	Fri. 7	8 ·16	6 ·60	8
11	Sat. 8	9 ·25	7 ·70	9
12	Sun. 9	10 ·32	8 ·79	10
13	Mon. 10	11 ·38	9 ·86	11
14	Tues. 11	12 ·41	10 ·91	12
15	Wed. 12	13 ·43	11 ·93	13
16	Thur. 13	14 ·42	12 ·94	14
17	Fri. ○14	P ·39	13 ·93	15
18	Sat. 15	1 ·35	14 ·90	16
19	Sun. 16	2 ·29	15 ·86	17
20	Mon. 17	3 ·22	16 ·80	18
21	Tues. 18	4 ·13	17 ·73	19
22	Wed. 19	*Bahula.* 5 ·03 / 6 ·93	18 ·68	20
23	Thur. 20	7 ·83	19 ·60	21
24	Fri. 21	8 ·74	20 ·54	22
25	Sat. 22	9 ·65	21 ·47	23
26	Sun. 23	10 ·56	22 ·42	24
27	Mon. 24	11 ·48	23 ·38	25
28	Tues. 25	12 ·42	24 ·35	26
29	Wed. 26	13 ·38	25 ·34	27
30	Thur. 27	14 ·36	26 ·35	28
31	Fri. 28	A ·35	27 ·38	29
1	Sat. 29	1 ·37	1 ·43	30
2	Sun. 30	2 ·41	2 ·50	1
3	Mon. 31	3 ·47	3 ·59	2
	April.			
4	Tues. 1	4 ·55	4 ·69	3
5	Wed. 2	5 ·63	5 ·80	4
6	Thur. 3	6 ·72	6 ·90	5
7	Fri. 4	*Śukla.* 7 ·80	... ...	6
8	Sat. 5	8 ·87	7 ·01	7
9	Sun. 6	9 ·93	8 ·10	8
10	Mon. 7	10 ·96	9 ·17	9
11	Tues. 8	11 ·97	10 ·22	10
12	Wed. 9	12 ·96	11 ·25	11
13	Thur. 10	13 ·94	12 ·27	12
14	Fri. 11	14 ·89	13 ·26	13
15	Sat. 12	P ·83	14 ·23	14
16	Sun. 13	1 ·76	15 ·19	15
17	Mon. 14	2 ·67	16 ·14	16
18	Tues. 15	3 ·57	17 ·08	17
19	Wed. 16	4 ·47	18 ·01 / 19 ·94	18
20	Thur. 17	*Bahula.* 5 ·37	20 ·87	19
21	Fri. 18	6 ·27	21 ·81	20
22	Sat. 19	7 ·18	22 ·75	21
23	Sun. 20	8 ·09	23 ·71	22
24	Mon. 21	9 ·01 / 10 ·95	24 ·68	23
25	Tues. 22	11 ·91	25 ·66	24
26	Wed. 23	12 ·89	26 ·67	25
27	Thur. 24	13 ·88	27 ·69	26
28	Fri. 25	14 ·91	1 ·75	27
29	Sat. 26	A ·94	2 ·81	28
30	Sun. 27	1 ·99	3 ·89	29
1	Mon. 28	... ...	4 ·99	30
2	Tues. 29	2 ·07	... ...	1
3	Wed. 30	3 ·15	5 ·09	2
				H. 1014 *Zi-l-ka'da.*
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Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Parābhava. **Vrishabha—Vaigāśi.**	**May.**			
4	Thur. 1	4 ·24	6 ·21	3
5	Fri. 2	5 ·32	7 ·31	4
6	Sat. 3	6 ·39	8 ·40	5
7	Sun. 4	7 ·44	9 48	6
8	Mon. 5	8 ·47	10 ·53	7
9	Tues. 6	9 ·49	11 ·58	8
10	Wed. 7	10 ·47	12 ·59	9
11	Thur. 8	11 ·45	13 ·59	10
12	Fri. 9	12 ·41	14 ·56	11
13	Sat. 10	13 ·35	15 ·62	12
14	Sun. 11	14 ·27	16 ·48	13
15	Mon. 12	P ·18	17 ·42	14
16	Tues. 13	*Śukla.* 1 ·08 / 2 ·97	18 ·35	15
17	Wed. 14	3 ·87	19 ·28	16
18	Thur. 15	4 ·77	20 ·21	17
19	Fri. 16	5 ·68	21 ·14	18
20	Sat. 17	6 ·59	22 09	19
21	Sun. 18	7 ·51	23 ·05	20
22	Mon. 19	8 ·45	24 ·01 / 25 ·99	21
23	Tues. 20	9 ·40	26 ·99	22
24	Wed. 21	10 ·38	.. ...	23
25	Thur. 22	11 ·37	27 ·02	24
26	Fri. 23	12 ·40	1 ·06	25
27	Sat. 24	13 ·44	2 12	26
28	Sun. 25	14 ·49	3 ·19	27
29	Mon. 26	A 56	4 ·29	28
30	Tues. 27	1 ·64	5 ·40	29
31	Wed. 28	2. ·73	6 51	30
1	Thur. 29	3 ·81	7 ·61	1
2	Fri. 30	4 ·88	8 ·70	2
3	Sat. 31	5 ·93	9 ·73	3
	June.			
4	Sun. 1	6 ·96	10 ·85	4
5	Mon. 2	7 97	11 ·89	5
6	Tues. 3	8 ·97	12 ·91	6
7	Wed. 4	*Śukla.* 9 ·94	13 ·91	7
8	Thur. 5	10 ·89	14 ·89	8
9	Fri. 6	11 ·83	15 ·86	9
10	Sat. 7	12 ·75	16 ·82	10
11	Sun. 8	13 ·66	17 ·76	11
12	Mon. 9	14 56	18 ·69	12
13	Tues. 10	P ·46	19 62	13
14	Wed. 11	1 ·35	20 ·55	14
15	Thur. 12	2 ·25	21 ·49	15
16	Fri. 13	3 ·15	22 ·43	16
17	Sat. 14	*Bahula.* 4 06 / 5 ·99	23 ·38	17
18	Sun. 15	6 ·93	24 ·34	18
19	Mon. 16	7 ·89	25 ·31	19
20	Tues. 17	8 ·86	26 ·32	20
21	Wed. 18	9 ·86	27 ·33	21
22	Thur. 19	10 ·88	1 ·37	22
23	Fri. 20	11 ·91	2 ·42	23
24	Sat. 21	12 ·97	3 50	24
25	Sun. 22	...	4 ·60	25
26	Mon. 23	13 ·04	5 ·70	26
27	Tues. 24	14 ·12	6 ·80	27
28	Wed. 25	A ·20	7 ·91	28
29	Thur. 26	1 ·28	.. ...	29
30	Fri. 27	2 ·35	8 ·01	1
31	Sat. 28	3 ·40	9 ·10	2
1	Sun. 29	4 ·44	10 ·16	3
	Mon. 30	5 ·45	11 ·21	4
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Naksh:—1. Aśvin 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1603. **Kollam 782,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 1015.** Commences **April 29.** **Vikrama 1663.** **Bengal San. 1012.** **(N. Cycle) Rākshasa.**

A—Amāvāsyā. **P—Paurnimā.**

Pardbhava. **Karkataka—Ādi.**

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.				
2	Tues.	1	*Sukla.* 6 ·41	12 ·23	5
3	Wed.	2	7 ·41	13 ·24	6
4	Thur.	3	8 ·37	14 ·22	7
5	Fri.	4	9 ·80	15 ·20	8
6	Sat.	5	10 ·22	16 ·15	9
7	Sun.	6	11 ·14	17 ·09	10
8	Mon.	7	12 ·04 / 13 ·93	18 ·03 / 19 ·96	11
9	Tues.	8	14 ·83	20 ·90	12
10	Wed.	9	P ·73	21 ·83	13
11	Thur.	10	*Bahula.* 1 ·63	22 ·77	14
12	Fri.	11	2 ·55	23 ·71	15
13	Sat.	12	3 ·47	24 ·67	16
14	Sun.	13	4 ·41	25 ·65	17
15	Mon.	14	5 ·37	26 ·64	18
16	Tues.	15	6 ·34	27 ·65	19
17	Wed.	16	7 ·34	1 ·68	20
18	Thur.	17	8 ·36	2 ·73	21
19	Fri.	18	9 ·40	3 ·81	22
20	Sat.	19	10 ·45	4 ·90	23
21	Sun.	20	11 ·52	... ...	24
22	Mon.	21	12 ·60	5 ·00	25
23	Tues.	22	13 ·68	6 ·10	26
24	Wed.	23	14 ·77	7 ·21	27
25	Thur.	24	A ·84	8 ·31	28
26	Fri.	25	1 ·89	9 ·40	29
27	Sat.	26	2 ·92	10 ·47	—30
28	Sun.	27	3 ·93	11 ·52	1
29	Mon.	28	4 ·93	12 ·55	2
30	Tues.	29	5 ·90	13 ·56	3
31	Wed.	30	6 ·86	14 ·56	4
—32	Thur.	31	7 ·80	15 ·53	5
	Aug.				
1	Fri.	1	8 ·72	16 ·49	6
2	Sat.	2	9 ·63	17 ·43	7
3	Sun.	3	*Śrāvaṇa.* 10 ·53	18 ·37	8
4	Mon.	4	11 ·43	19 ·31	9
5	Tues.	5	12 ·32	20 ·24	10
6	Wed.	6	13 ·22	21 ·17	11
7	Thur.	7	14 ·13	22 ·10	12
8	Fri.	8	P ·05	23 ·05	13
9	Sat.	9	1 ·97	24 ·01 / 25 ·98	14
10	Sun.	10	2 ·91	26 ·96	15
11	Mon.	11	*Prathama.* 3 ·86	27 ·97	16
12	Tues.	12	4 ·84	1 ·99	17
13	Wed.	13	5 ·81	... ..	18
14	Thur.	14	6 ·86	2 ·04	19
15	Fri.	15	7 ·90	3 ·11	20
16	Sat.	16	8 ·96	4 ·20	21
17	Sun.	17	.. ...	5 ·30	22
18	Mon.	18	9 ·03	6 ·40	23
19	Tues.	19	10 ·11	7 ·51	24
20	Wed.	20	11 ·19	8 ·62	25
21	Thur.	21	12 ·27	9 ·71	26
22	Fri.	22	13 ·35	10 ·78	27
23	Sat.	23	14 ·4	11 ·83	28
24	Sun.	24	A ·44	12 ·87	—29
25	Mon.	25	1 ·15	13 ·89	1
26	Tues.	26	2 ·44	14 ·88	2
27	Wed.	27	3 ·42	15 ·86	3
28	Thur.	28	4 ·37	16 ·82	4
29	Fri.	29	5 ·31	17 ·77	5
30	Sat.	30	6 ·24	18 ·71	6
—31	Sun.	31	7 ·15	19 ·65	7
			Sukla. 8 ·06 / 9 ·96		

H. 1015 *Rabī-ul awwal.*

Pardhava. **Kanyā—Purattāsi.**

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.				
1	Mon.	1	10 ·86	20 ·58	8
2	Tues.	2	11 ·75	21 ·50	9
3	Wed.	3	12 ·65	22 ·44	10
4	Thur.	4	13 ·57	23 ·39	11
5	Fri.	5	14 ·49	24 ·34	12
6	Sat. ○	6	P ·44	25 ·31	13
7	Sun.	7	*Bhādrapada.* 1 ·40	26 ·29	14
8	Mon.	8	2 ·38	27 ·29	15
9	Tues.	9	3 ·37	1 ·31	16
10	Wed.	10	4 ·40	2 ·36	17
11	Thur.	11	5 ·44	3 ·42	18
12	Fri.	12	6 ·50	4 ·50	19
13	Sat.	13	7 ·57	5 ·59	20
14	Sun.	14	8 ·65	6 ·70	21
15	Mon.	15	9 ·75	7 ·81	22
16	Tues.	16	10 ·83	8 ·92	23
17	Wed.	17	11 ·90	... ..	24
18	Thur.	18	12 ·95	9 ·01	25
19	Fri.	19	13 ·98	10 ·09	26
20	Sat.	20	... ..	11 ·15	27
21	Sun.	21	14 ·00 / A ·99	12 ·19	28
22	Mon.	22	1 ·97	13 ·21	29
23	Tues.	23	2 ·93	14 ·21	—30
24	Wed.	24	3 ·87	15 ·19	1
25	Thur.	25	4 ·79	16 ·15	2
26	Fri.	26	5 ·70	17 ·11	3
27	Sat.	27	*Sukla.* 6 ·61	18 ·05 / 19 ·98	4
28	Sun.	28	7 ·51	20 ·91	5
29	Mon.	29	8 ·41	21 ·84	6
—30	Tues.	30	9 ·31	22 ·78	7
	Oct.				
1	Wed.	1	10 ·22	23 ·72	8
2	Thur.	2	11 ·14	24 ·67	9
3	Fri.	3	12 ·07	25 ·64	10
4	Sat.	4	13 ·01 / 14 ·97	26 ·61	11
5	Sun.	5	P ·95	27 ·61	12
6	Mon.	6	*Āśvina.* 1 ·95	1 ·63	13
7	Tues.	7	2 ·98	2 ·67	14
8	Wed.	8	.. ...	3 ·73	15
9	Thur.	9	3 ·02	4 ·80	16
10	Fri.	10	4 ·08	5 ·89	17
11	Sat.	11	5 ·15	.. ...	18
12	Sun.	12	*Prathama.* 6 ·23	6 ·01	19
13	Mon.	13	7 ·32	7 ·11	20
14	Tues.	14	8 ·40	8 ·22	21
15	Wed.	15	9 ·48	9 ·31	22
16	Thur.	16	10 ·54	10 ·39	23
17	Fri.	17	11 ·58	11 ·47	24
18	Sat.	18	12 ·56	12 ·51	25
19	Sun.	19	13 ·58	13 ·53	26
20	Mon.	20	14 ·56	14 ·53	27
21	Tues.	21	A ·52	15 ·52	28
22	Wed.	22	1 ·47	16 ·49	29
23	Thur.	23	2 ·39	17 ·45	1
24	Fri.	24	3 ·30	18 ·39	2
25	Sat.	25	4 ·21	19 ·32	3
26	Sun.	26	5 ·11	20 ·25	4
27	Mon.	27	*Sukla.* 6 ·01 / 7 ·91	21 ·18	5
28	Tues.	28	8 ·82	22 ·12	6
29	Wed.	29	9 ·74	23 06	7
—30	Thur.	30	10 ·67	24 ·01 / 25 ·97	8
1	Fri.	31	11 ·62	26 ·94	9

H. 1015 *Jamada l awwal*

Pardhava. **Vṛśchika—Kārttigai.**

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.				
2	Sat.	1	12 ·58	27 ·94	10
3	Sun.	2	13 ·56	1 ·95	11
4	Mon.	3	14 ·55	2 ·98	12
5	Tues.	4	P ·58	... ...	13
6	Wed.	5	1 ·63	3 ·03	14
7	Thur.	6	2 ·69	4 ·11	15
8	Fri.	7	3 ·77	5 ·20	16
9	Sat.	8	4 ·87	6 ·30	17
10	Sun.	9	5 ·95	7 ·41	18
11	Mon.	10	... ..	8 ·52	19
12	Tues.	11	*Bahula.* 6 ·03	9 ·61	20
13	Wed.	12	7 ·10	10 ·71	21
14	Thur.	13	8 ·16	11 ·78	22
15	Fri.	14	9 ·20	12 ·82	23
16	Sat.	15	10 ·23	13 ·85	24
17	Sun.	16	11 ·21	14 ·86	25
18	Mon.	17	12 ·19	15 ·84	26
19	Tues.	18	13 ·15	16 ·83	27
20	Wed.	19	14 ·09	17 ·78	28
21	Thur.	20	A ·01 / 1 ·92	18 ·73	29
22	Fri.	21	2 ·83	19 ·66	—30
23	Sat.	22	3 ·73	20 ·59	1
24	Sun.	23	4 ·63	21 ·53	2
25	Mon.	24	5 ·54	22 ·46	3
26	Tues.	25	6 ·45	23 ·40	4
27	Wed.	26	7 ·37	24 ·34	5
28	Thur.	27	*Sukla.* 8 ·30	25 ·30	6
29	Fri.	28	9 ·25	26 ·28	7
—30	Sat.	29	10 ·21	27 ·25	8
1	Sun.	30	11 ·19	1 ·27	9
	Dec.				
2	Mon.	1	12 ·20	2 ·30	10
3	Tues.	2	13 ·22	3 ·34	11
4	Wed.	3	14 ·27	4 ·42	12
5	Thur.	4	P ·34	5 ·50	13
6	Fri.	5	1 ·42	6 ·60	14
7	Sat.	6	2 ·50	7 ·71	15
8	Sun.	7	3 ·59	8 ·81	16
9	Mon.	8	4 ·67	9 ·92	17
10	Tues.	9	5 ·74	..	18
11	Wed.	10	6 ·80	10 ·01	19
12	Thur.	11	7 ·84	11 ·08	20
13	Fri	12	8 ·85	12 ·14	21
14	Sat.	13	9 ·85	13 ·17	22
15	Sun.	14	10 ·83	14 ·18	23
16	Mon.	15	11 ·79	15 ·18	24
17	Tues.	16	12 ·73	16 ·16	25
18	Wed.	17	13 ·66	17 ·11	26
19	Thur.	18	14 ·57	18 ·06	27
20	Fri.	19	A ·48	19 ·00 / 20 ·94	28
21	Sat.	20	1 ·38	21 ·87	—29
22	Sun.	21	2 ·28	22 ·80	1
23	Mon.	22	3 ·19	23 ·73	2
24	Tues.	23	4 ·10	24 ·67	3
25	Wed.	24	5 ·02 / 6 ·95	25 ·64	4
26	Thur.	25	7 ·90	26 ·60	5
27	Fri.	26	8 ·87	27 ·59	6
28	Sat.	27	9 ·84	1 ·59	7
—29	Sun.	28	*Sukla.* 10 ·84	2 ·61	8
1	Mon.	29	11 ·87	3 ·65	9
2	Tues.	30	12 ·92	4 ·73	10
3	Wed.	31	13 ·98	5 ·81	11

Márgaśirsha.

H. 1015 *Rajab.*

H. 1015 *Sha'bin.*

H. 1015 *Ramazán.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1607.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Sankrānti. (Commencement of Indian Sidereal year.)
(Surya Sid.) March 28·80
(Arya Sid.) March 28·72.

Śaka 1529.

Kaliyuga 4708.
(S. Cycle) Plavanga.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Parābhava. **Makara—Tai.**	**Jan.**		*Pausha.*			*Parābhava.* **Mīna—Pangguni.**	**March.**		*Bahula.*	*Phalguna.*		*Plavanga.* **Vrishabha—Vaigāśi.**	**May.**		*Prathama.*	**Vaiśākha.**		
4	Thur.	1	... ...	6 ·90	12	4	Sun.	1	13 ·55	10 ·92	12	3	Fri.	1	P ·77	16 ·81	14
5	Fri.	2	14 ·06	... ...	13	5	Mon.	2	14 ·62	... ...	13	4	Sat.	2	1 ·72	17 ·78	15
6	Sat.	3	P ·15	7 ·01	14	6	Tues.	3	14 ·67	11 ·00	14	5	Sun.	3	2 ·66	18 ·74	16
7	Sun.	4	1 ·24	8 ·11	15	7	Wed.	4	1 ·71	12 ·08	15	6	Mon.	4	3 ·58	19 ·69	17
8	Mon.	5	2 ·32	9 ·22	16	8	Thur.	5	2 ·72	13 ·13	16	7	Tues.	5	4 ·49	20 ·63	18
9	Tues.	6	3 ·39	10 ·32	17	9	Fri.	6	3 ·72	14 ·15	17	8	Wed.	6	5 ·39	21 ·57	19
10	Wed.	7	4 ·45	11 ·39	18	10	Sat.	7	4 ·70	15 ·16	18	9	Thur.	7	6 ·29	22 ·50	20
11	Thur.	8	5 ·48	12 ·45	19	11	Sun.	8	5 ·65	16 ·14	19	10	Fri.	8	7 ·19	23 ·43	21
12	Fri.	9	6 ·50	13 ·49	20	12	Mon.	9	6 ·59	17 ·12	20	11	Sat.	9	8 ·09	24 ·36	22
13	Sat.	10	7 ·50	14 ·51	21	13	Tues.	10	7 ·52	18 ·08	21				9 ·89		
14	Sun.	11	8 ·47	15 ·51	22	14	Wed.	11	8 ·43	19 ·02	22	12	Sun.	10	10 ·90	25 ·30	23
15	Mon.	12	9 ·43	16 ·49	23					20 ·95		13	Mon.	11	11 ·83	26 ·26	24
16	Tues.	13	10 ·37	17 ·45	24	15	Thur	12	9 ·33	21 ·88	23	14	Tues.	12	12 ·77	27 ·23	25
17	Wed.	14	11 ·30	18 ·40	25	16	Fri.	13	10 ·23	22 ·81	24	15	Wed.	13	13 ·73	1 ·21	26
18	Thur.	15	12 ·21	19 ·35	26	17	Sat.	14	11 ·13	23 ·75	25	16	Thur.	14	14 ·70	2 ·21	27
19	Fri.	16	13 ·12	20 ·28	27	18	Sun.	15	12 ·03	24 ·69	26	17	Fri.	15	A ·70	3 ·23	28
20	Sat.	17	14 ·03	21 ·21	28				13 ·94			18	Sat.	16	1 ·72	4 ·28	29
			A ·93			19	Mon.	16	14 ·86	25 ·64	27	19	Sun.	17	2 ·76	5 ·34	30
21	Sun.	18	1 ·83	22 ·14	29	20	Tues.	17	A ·79	26 ·59	28	20	Mon.	18	3 ·82	6 ·41	1
22	Mon.	19	2 ·73	23 ·07	30	21	Wed.	18	1 ·73	27 ·76	29	21	Tues.	19	4 ·90	7 ·51	2
23	Tues.	20	3 ·65	24 ·02	1	22	Thur.	19	2 ·69	1 ·56	30	22	Wed.	20	5 ·98	8 ·61	3
				25 ·97		23	Fri.	20	3 ·67	2 ·57	1	23	Thur.	21	... ...	9 ·72	4
24	Wed.	21	4 ·59	26 ·93	2	24	Sat.	21	4 ·66	3 ·60	2	24	Fri.	22	6 ·06	10 ·83	5
25	Thur.	22	5 ·54	27 ·91	3	25	Sun.	22	5 ·69	4 ·65	3	25	Sat.	23	7 ·14	11 ·92	6
26	Fri.	23	6 ·50	1 ·91	4	26	Mon.	23	6 ·74	5 ·72	4	26	Sun.	24	8 ·20	.. ..	7
27	Sat.	24	7 ·42	2 ·92	5	27	Tues.	24	7 ·80	6 ·81	5	27	Mon.	25	9 ·26	12 ·00	8
28	Sun.	25	8 ·48	3 ·97	6	28	Wed.	25	8 ·87	7 ·91	6	28	Tues.	26	10 ·30	13 ·06	9
29	Mon.	26	9 ·50	.. ..	7	29	Thur.	26	9 ·95	... ...	7	29	Wed.	27	11 ·30	14 ·10	10
30	Tues.	27	10 ·55	4 ·03	8	30	Fri.	27	.. ...	8 ·02	8	30	Thur	28	12 ·29	15 ·13	11
31	Wed.	28	11 ·61	5 ·11	9	31	Sat.	28	10 ·03	9 ·12	9	31	Fri.	29	13 ·26	6 ·13	12
1	Thur.	29	12 ·69	6 ·20	10	1	Sun.	29	11 ·11	10 ·22	10	1	Sat.	30	14 ·21	17 ·11	13
2	Fri.	30	13 ·78	7 ·30	11	2	Mon.	30	12 ·18	11 ·32	11	2	Sun.	31	P ·15	18 ·08	14
3	Sat.	31	14 ·87	8 ·42	12	3	Tues.	31	13 ·23	12 ·39	12						
	Feb.						**April.**						**June.**				
5	Sun.	1	*Magha.* P ·95	9 ·52	13	4	Wed.	1	*Chaitra.* 14 ·27	13 ·14	13	3	Mon.	1	*Dwitiya.* 1 ·07	19 ·03	15
6	Mon.	2	.. ...	10 ·63	14	5	Thur.	2	P ·28	14 ·47	14				2 ·97	20 ·98	
7	Tues.	3	1 ·02	11 ·70	15	6	Fri.	3	1 ·28	15 ·48	15	4	Tues.	2	3 ·87	21 ·91	16
8	Wed.	4	2 ·08	12 ·76	16	7	Sat.	4	2 ·25	16 ·47	16	5	Wed.	3	4 ·77	22 ·84	17
9	Thur.	5	3 ·11	13 ·81	17	8	Sun.	5	3 ·20	17 ·45	17	6	Thur.	4	5 ·67	23 ·77	18
10	Fri.	6	4 ·13	14 ·83	18	9	Mon.	6	4 ·14	18 ·41	18	7	Fri.	5	6 ·57	24 ·70	19
11	Sat.	7	5 ·12	15 ·83	19	10	Tues.	7	5 ·07	19 ·36	19	8	Sat.	6	7 ·47	25 ·5	20
12	Sun.	8	6 ·10	16 ·81	20				6 ·98			9	Sun.	7	8 ·39	26 ·60	21
13	Mon.	9	7 ·06	17 ·78	21	11	Wed.	8	7 ·88	20 ·29	20	10	Mon.	8	9 ·31	27 ·56	22
14	Tues.	10	8 ·00	18 ·74	22	12	Thur.	9	8 ·78	21 ·22	21	11	Tues.	9	10 ·25	1 ·53	23
			9 ·92			13	Fri.	10	9 ·68	22 ·16	22	12	Wed.	10	11 ·21	2 ·53	24
15	Wed.	11	*Bahula.* 10 ·83	19 ·68	23	14	Sat.	11	*Bahula.* 10 ·58	23 ·09	23	13	Thur.	11	12 ·19	3 ·54	25
16	Thur.	12	11 ·74	20 ·62	24					24 ·03		14	Fri.	12	13 ·19	4 ·59	26
17	Fri.	13	12 ·64	21 ·55	25	15	Sun.	12	11 ·48	25 ·97	24	15	Sat.	13	14 ·20	5 ·64	27
18	Sat.	14	13 ·54	22 ·43	26	16	Mon.	13	12 ·40	26 ·92	25	16	Sun.	14	A ·24	6 ·72	28
19	Sun.	15	14 ·45	23 ·41	27	17	Tues.	14	13 ·33	27 ·90	26	17	Mon.	15	1 ·30	7 ·81	29
20	Mon ●	16	A ·36	24 ·35	28	18	Wed.	15	14 ·27	1 ·88	27	18	Tues.	16	2 ·38	8 ·91	1
21	Tues.	17	1 ·27	25 ·30	29	19	Thur.	16	A ·22	2 ·89	28	19	Wed.	17	3 ·46	.. ...	2
22	Wed.	18	2 ·20	26 ·26	1	20	Fri.	17	1 ·20	3 ·91	29	20	Thur.	18	4 ·54	9 ·03	3
23	Thur.	19	3 ·15	27 ·24	2	21	Sat.	18	2 ·20	4 ·96	1	21	Fri.	19	5 ·62	10 ·13	4
24	Fri.	20	4 ·11	1 ·23	3	22	Sun.	19	3 ·22	... ...	2	22	Sat.	20	6 ·68	11 ·23	5
25	Sat.	21	5 ·09	2 ·25	4	23	Mon.	20	4 ·26	5 ·03	3	23	Sun.	21	7 ·73	12 ·31	6
26	Sun.	22	6 ·09	3 ·28	5	24	Tues.	21	5 ·32	6 ·11	4	24	Mon.	22	8 ·77	13 ·37	7
27	Mon.	23	7 ·12	4 ·34	6	25	Wed.	22	6 ·39	7 ·21	5	25	Tues.	23	9 ·79	14 ·43	8
28	Tues.	24	8 ·17	5 ·41	7	26	Thur.	23	7 ·47	8 ·31	6	26	Wed.	24	10 ·77	15 ·15	9
29	Wed.	25	9 ·23	6 ·50	8	27	Fri.	24	8 ·56	9 ·42	7	27	Thur.	25	11 ·74	16 ·46	10
1	Thur.	26	10 ·30	7 ·61	9	28	Sat.	25	9 ·61	10 ·53	8	28	Fri.	26	12 ·69	17 ·44	11
2	Fri.	27	11 ·38	8 ·72	10	29	Sun.	26	10 ·71	11 ·62	9	29	Sat.	27	13 ·62	18 ·41	12
3	Sat.	28	12 ·47	9 ·82	11	30	Mon.	27	11 ·76	12 ·70	10	30	Sun.	28	14 ·54	19 ·37	13
						31	Tues.	28	12 ·79	13 ·75	11	31	Mon.	29	P ·45	20 ·31	14
						1	Wed.	29	13 ·80	14 ·79	12	32	Tues.	30	1 ·35	21 ·25	15
						2	Thur.	30	14 ·80	15 ·80	13						

H. 1015 *Ramazān.* — *H.* 1015 *Zi-l-ka'da.* — *H.* 1015 *Zi-l-hijja.* — *H.* 1016 *Muharram.* — *H.* 1016 *Safar.* — *H.* 1016 *Rabi-ul awwal.* — *H.* 1016 *Rabi-us sānī.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1607. **Kollam 783,** { **N. Malabar—Sep.** **Hijra 1016.** **Vikrama 1664.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 18.** **Bengal San. 1013.**
P—Paurnimā. **(N. Cycle) Anala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Wed.	1	2 ·25	22 ·18	16	1	Tues.	1	6 ·69	3 ·51	19	1	Sun.	1	7 ·07	9 ·51	21
2	Thur.	2	3 ·15	23 ·11	17	2	Wed.	2	7 ·70	4 ·53	20	2	Mon.	2	8 ·15	10 ·63	22
3	Fri.	3	4 ·05 / 5 ·95	24 ·05 / 25 ·99	18	3	Thur.	3	8 ·71	5 ·57	21	3	Tues.	3	9 ·24	11 ·74	23
4	Sat.	4	6 ·86	26 ·93	19	4	Fri.	4	9 ·74	6 ·64	22	4	Wed.	4	10 ·32	12 ·83	24
5	Sun.	5	7 ·79	27 ·89	20	5	Sat.	5	10 ·80	7 ·72	23	5	Thur.	5	11 ·40	13 ·92	25
6	Mon.	6	8 ·73	1 ·86	21	6	Sun.	6	11 ·88	8 ·81	24	6	Fri.	6	12 ·46	14 ·99	26
7	Tues.	7	9 ·69	2 ·85	22	7	Mon.	7	12 ·97	9 ·92	25	7	Sat.	7	13 ·49	... ...	27
8	Wed.	8	10 ·67	3 ·87	23	8	Tues.	8	... ...	... ...	26	8	Sun.	8	14 ·51	15 ·04	28
9	Thur.	9	11 ·67	4 ·90	24	9	Wed.	9	13 ·06	10 ·03	27	9	Mon.	9	—**A** ·50	16 ·07	29
10	Fri.	10	12 ·68	5 ·95	25	10	Thur.	10	14 ·14	11 ·14	28	10	Tues.	10	1 ·48	17 ·08	—30
11	Sat.	11	13 ·72	... ...	26	11	Fri.	11	—**A** ·21	12 ·23	29	11	Wed.	11	2 ·43	18 ·06	1
12	Sun.	12	14 ·78	6 ·02	27	12	Sat.	12	1 ·26	13 ·31	—30	12	Thur.	12	3 ·37	19 ·03	2
13	Mon.	13	—**A** ·85	7 ·11	28	13	Sun.	13	2 ·30	14 ·37	1	13	Fri.	13	4 ·30	20 ·00 / 21 ·94	3
14	Tues.	14	1 ·93	8 ·22	29	14	Mon.	14	3 ·31	15 ·40	2	14	Sat.	14	5 ·21	22 ·88	4
15	Wed.	15	... ...	9 ·32	—30	15	Tues.	15	4 ·30	16 ·42	3	15	Sun.	15	6 ·12	23 ·81	5
16	Thur.	16	2 ·02	10 ·43	1	16	Wed.	16	5 ·27	17 ·43	4	16	Mon.	16	7 ·02 / 8 ·92	24 ·74	6
17	Fri.	17	3 ·10	11 ·53	2	17	Thur.	17	6 ·23	18 ·41	5	17	Tues.	17	9 ·82	25 ·68	7
18	Sat.	18	4 ·17	12 ·61	3	18	Fri.	18	7 ·16	19 ·37	6	18	Wed.	18	10 ·73	26 ·62	8
19	Sun.	19	5 ·22	13 ·69	4	19	Sat.	19	8 ·08	20 ·32	7	19	Thur.	19	11 ·65	27 ·56	9
20	Mon.	20	6 ·25	14 ·74	5	20	Sun.	20	9 ·00 / 10 ·90	21 ·26	8	20	Fri.	20	12 ·58	1 ·52	10
21	Tues.	21	7 ·27	15 ·77	6	21	Mon.	21	11 ·80	22 ·20	9	21	Sat.	21	13 ·53	2 ·49	11
22	Wed.	22	8 ·25	16 ·78	7	22	Tues.	22	12 ·70	23 ·13	10	22	Sun.	22	14 ·50	3 ·48	12
23	Thur.	23	9 ·22	17 ·77	8	23	Wed.	23	13 ·60	24 ·06	11	23	Mon.	23	**P** ·49	4 ·49	13
24	Fri.	24	10 ·17	18 ·75	9	24	Thur.	24	14 ·51	25 ·00 / 26 ·93	12	24	Tues.	24	1 ·49	5 ·52	14
25	Sat.	25	11 ·11	19 ·71	10	25	Fri.	25	**P** ·43	27 ·89	13	25	Wed.	25	2 ·52	6 ·56	15
26	Sun.	26	12 ·03 / 13 ·94	20 ·65	11	26	Sat.	26	1 ·36	1 ·86	14	26	Thur.	26	3 ·57	7 ·63	16
27	Mon.	27	14 ·84	21 ·59	12	27	Sun.	27	2 ·30	2 ·83	15	27	Fri.	27	4 ·63	8 ·72	17
28	Tues.	28	**P** ·74	22 ·52	13	28	Mon.	28	3 ·27	3 ·83	16	28	Sat.	28	5 ·71	9 ·82	18
29	Wed.	29	1 ·64	23 ·45	14	29	Tues.	29	4 ·25	4 ·84	17	—29	Sun.	29	6 ·79	10 ·93	19
30	Thur.	30	2 ·54	24 ·39	15	30	Wed.	30	5 ·26	5 ·89	18	1	Mon.	30	7 ·88	... ...	20
—31	Fri.	31	3 ·44	25 ·32	16												
	Aug.						**Oct.**						**Dec.**				
1	Sat.	1	4 ·35	26 ·26	17	—31	Thur.	1	6 ·28	6 ·95	19	2	Tues.	1	8 ·96	11 ·04	21
2	Sun.	2	5 ·28	27 ·22	18	1	Fri.	2	7 ·32	... ...	20	3	Wed.	2	... ...	12 ·14	22
3	Mon.	3	6 ·22	1 ·19	19	2	Sat.	3	8 ·38	7 ·02	21	4	Thur.	3	9 ·03	13 ·22	23
4	Tues.	4	7 ·18	2 ·18	20	3	Sun.	4	9 ·45	8 ·11	22	5	Fri.	4	10 ·09	14 ·31	24
5	Wed.	5	8 ·16	3 ·19	21	4	Mon.	5	10 54	9 ·22	23	6	Sat.	5	11 ·13	15 ·36	25
6	Thur.	6	9 ·16	4 ·21	22	5	Tues.	6	11 ·63	10 ·33	24	7	Sun.	6	12 ·15	16 ·39	26
7	Fri.	7	10 ·18	5 ·26	23	6	Wed.	7	12 ·71	11 ·44	25	8	Mon.	7	13 ·13	17 ·40	27
8	Sat.	8	11 ·22	6 ·33	24	7	Thur.	8	13 ·79	12 ·53	26	9	Tues.	8	14 ·11	18 ·39	28
9	Sun.	9	12 ·28	7 ·42	25	8	Fri.	9	14 ·85	13 ·61	27	10	Wed.	9	—**A** ·07	19 ·38	—29
10	Mon.	10	13 ·35	8 ·52	26	9	Sat.	10	—**A** ·88	14 ·68	28	11	Thur.	10	1 ·01 / 2 ·93	20 ·33	1
11	Tues.	11	14 ·43	9 ·62	27	10	Sun.	11	1 ·89	15 ·72	—29	12	Fri.	11	3 ·84	21 ·28	2
12	Wed.	12	—**A** ·52	10 ·73	28	11	Mon.	12	2 ·88	16 ·75	1	13	Sat.	12	4 ·75	22 ·22	3
13	Thur.	13	1 ·60	11 ·83	—29	12	Tues.	13	3 ·85	17 ·75	2	14	Sun.	13	5 ·65	23 ·15	4
14	Fri.	14	2 ·68	12 ·93	1	13	Wed.	14	4 ·81	18 ·74	3	15	Mon.	14	6 ·56	24 ·09	5
15	Sat.	15	3 ·73	... ...	2	14	Thur.	15	5 ·75	19 ·70	4	16	Tues.	15	7 ·47	25 ·02 / 26 ·95	6
16	Sun.	16	4 ·76	13 ·00	3	15	Fri.	16	6 ·68	20 ·66	5	17	Wed.	16	8 ·38	27 ·89	7
17	Mon.	17	5 ·77	14 ·06	4	16	Sat.	17	7 ·59	21 ·61	6	18	Thur.	17	9 ·30	1 ·85	8
18	Tues.	18	6 ·76	15 ·09	5	17	Sun.	18	8 ·50	22 ·54	7	19	Fri.	18	10 ·23	2 ·81	9
19	Wed.	19	7 ·73	16 ·10	6	18	Mon.	19	9 40	23 ·47	8	20	Sat.	19	11 ·17	3 ·81	10
20	Thur.	20	8 ·68	17 ·10	7	19	Tues.	20	10 ·30	24 ·40	9	21	Sun.	20	12 ·14	4 ·81	11
21	Fri.	21	9 ·62	18 ·08	8	20	Wed.	21	11 ·20	25 ·33	10	22	Mon.	21	13 ·13	5 ·83	12
22	Sat.	22	10 ·54	19 ·04 / 20 ·99	9	21	Thur.	22	12 ·11	26 ·28	11	23	Tues.	22	14 ·15	6 ·87	13
23	Sun.	23	11 ·45	21 ·92	10	22	Fri.	23	13 ·03 / 14 ·96	27 ·23	12	24	Wed.	23	**P** ·16	7 ·94	14
24	Mon.	24	12 ·35	22 ·86	11	23	Sat.	24	**P** ·90	1 ·18	13	25	Thur.	24	1 ·21	... ...	15
25	Tues	25	13 ·25	23 ·80	12	24	Sun.	25	1 ·86	2 ·16	14	26	Fri.	25	2 ·27	8 ·03	16
26	Wed.	26	14 ·15	24 ·72	13	25	Mon.	26	2 ·85	3 ·15	15	27	Sat.	26	3 ·35	9 ·12	17
27	Thur. ○	27	**P** ·05 / 1 ·96	25 ·66	14	26	Tues.	27	3 ·86	4 ·17	16	28	Sun.	27	4 ·44	10 ·23	18
28	Fri.	28	2 ·87	26 ·60	15	27	Wed.	28	4 ·88	5 ·20	17	—29	Mon.	28	5 ·53	11 ·33	9
29	Sat.	29	3 ·80	27 ·55	16	28	Thur.	29	5 ·93	6 ·25	18	1	Tues.	29	6 ·61	12 ·44	20
30	Sun.	30	4 ·75	1 ·58	17	29	Fri.	30	6 ·99	7 ·33	19	2	Wed.	30	7 ·68	13 ·54	21
—31	Mon.	31	5 ·71	2 ·51	18	—30	Sat.	31	... ...	8 ·41	20	3	Thur.	31	8 ·74	14 ·61	22

Plavaṅga. **Karkataka—Ādi.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*
Plavaṅga. **Siṅha—Āvaṇi.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*
Plavaṅga. **Kanyā—Puraṭṭāsi.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*
Plavaṅga. **Tulā—Aippasi.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*
Plavaṅga. **Vṛśchika—Kārttigai.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*
Plavaṅga. **Dhanus—Mārgaḷi.** *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

H. 1016 *Rabī-ul awwal.* *H.* 1016 *Rabī-ul ākhir.* *H.* 1016 *Jamādā'l awwal.* *H.* 1016 *Jamādā'l ākhir.* *H.* 1016 *Rajab.* *H.* 1016 *Ramazān.* *H.* 1016 *Shaʻbān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1608. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·06.** **Śaka 1530.** **Kaliyuga 4709.**
Lunar Eclipse. ○ **(Arya Sid.) March 27·98.** **(S. Cycle) Kīlaka.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Pausha. **Makara—Tai.** 4	Fri.	1	9 ·78	15 ·67	23	4	Tues.	1	10 ·89	20 ·33	24	4	Sun.	1	12 ·40	27 ·58	25
5	Sat.	2	10 ·79	16 ·71	24	5	Wed.	2	11 ·81	21 ·30	25	5	Mon.	2	13 ·30	1 ·52	26
6	Sun.	3	11 ·78	17 ·72	25	6	Thur.	3	12 ·72	22 ·24	26	6	Tues.	3	14 ·22	2 ·47	27
7	Mon.	4	12 ·76	18 73	26	7	Fri.	4	13 ·62	23 ·17	27	7	Wed.	4	—**A** ·15	3 ·45	28
8	Tues.	5	13 ·72	19 ·71	27	8	Sat.	5	14 ·52	24 ·10	28	8	Thur.	5	1 ·09	4 ·43	29
9	Wed.	6	14 ·66	20 ·67	28					25 ·03		9	Fri.	6	2 ·05	5 ·43	—30
10	Thur.	7	—**A** ·58	21 ·62	29	9	Sun.	6	—**A** ·42	26 ·96	29	10	Sat.	7	3 ·03	6 ·45	1
11	Fri.	8	1 ·49	22 ·56	—30	10	Mon.	7	1 ·32	27 ·91	—30	11	Sun.	8	4 ·03	7 ·49	2
12	Sat.	9	2 ·40	23 ·49	1	11	Tues.	8	2 ·23	1 ·86	1	12	Mon.	9	5 ·05	8 ·56	3
13	Sun.	10	3 ·30	24 ·43	2	12	Wed.	9	3 ·15	2 ·81	2	13	Tues.	10	6 ·10	9 ·63	4
14	Mon.	11	4 ·20	25 ·36	3	13	Thur.	10	4 ·08	3 ·78	3	14	Wed.	11	7 ·16	10 ·73	5
15	Tues.	12	5 ·10	26 ·29	4				5 ·03			15	Thur.	12	8 ·23	11 ·83	6
16	Wed.	13	6 ·02	27 ·23	5	14	Fri.	11	6 ·99	4 ·77	4	16	Fri.	13	9 ·31	12 ·94	7
17	Thur.	14	7 ·94			15	Sat.	12	7 ·97	5 ·79	5	17	Sat.	14	10 ·39	... ...	8
18	Fri.	15	8 ·87	1 ·18	6	16	Sun.	13	8 ·98	6 ·82	6	18	Sun.	15	11 ·47	13 ·04	9
19	Sat.	16	9 ·82	2 ·15	7	17	Mon.	14	... ...	7 ·87	7	19	Mon.	16	12 ·54	14 ·14	10
20	Sun.	17	10 ·79	3 ·13	8	18	Tues.	15	9 ·00	8 ·94	8	20	Tues.	17	13 ·59	15 ·22	11
21	Mon.	18	11 ·77	4 ·13	9	19	Wed.	16	10 ·05	... ...	9	21	Wed.	18	14 ·62	16 ·28	12
22	Tues.	19	12 ·77	5 ·15	10	20	Thur.	17	11 ·11	9 ·02	10	22	Thur.	19	**P** ·63	17 ·32	13
23	Wed.	20	13 ·80	6 ·18	11	21	Fri	18	12 ·19	10 ·13	11	23	Fri.	20	1 ·61	18 ·34	14
24	Thur.	21	14 ·85	7 ·25	12	22	Sat.	19	13 ·27	11 ·24	12	24	Sat.	21	2 ·58	19 ·35	15
25	Fri.	22	**P** ·91	8 ·33	13	23	Sun.	20	14 ·35	12 ·34	13	25	Sun.	22	3 ·53	20 ·33	16
26	Sat.	23	1 ·99	9 ·42	14	24	Mon.	21	**P** ·43	13 ·44	14	26	Mon.	23	4 ·46	21 ·30	17
27	Sun.	24	... ...	10 ·52	15	25	Tues.	22	1 ·50	14 ·53	15	27	Tues.	24	5 ·38	22 ·25	18
28	Mon.	25	2 ·08	11 ·63	16	26	Wed.	23	2 ·56	15 ·61	16	28	Wed.	25	6 ·29	23 ·19	19
29	Tues.	26	3 ·17	12 ·74	17	27	Thur.	24	3 ·59	16 ·66	17	29	Thur.	26	7 ·19	24 ·13	20
—30	Wed.	27	4 ·25	13 ·84	18	28	Fri.	25	4 ·61	17 ·69	18				8 ·09	25 ·06	
1	Thur.	28	5 ·32	14 ·92	19	29	Sat.	26	5 ·58	18 ·70	19	30	Fri.	27	9 ·99	26 ·99	21
2	Fri.	29	6 ·37	15 ·98	20	—30	Sun.	27	6 ·55	19 ·69	20	—31	Sat.	28	10 ·89	27 ·92	22
3	Sat.	30	7 ·41	.. ...	21	1	Mon.	28	7 ·51	20 ·67	21	1	Sun.	29	11 ·79	1 ·86	23
4	Sun.	31	8 ·42	16 ·02	22	2	Tues.	29	8 ·45	21 ·63	22	2	Mon.	30	12 ·70	2 ·82	24
			9 ·42	17 ·05	23	3	Wed.	30	9 ·37	22 ·58	23	3	Tues.	31	13 ·63	3 ·78	25
	Feb.					4	Thur.	31	10 ·28	23 ·51	24						
5	Mon.	1	10 ·39	18 ·05	24		**April.**						**June.**				
6	Tues.	2	11 ·35	19 ·03	25	5	Fri.	1	11 ·18	24 ·44	25	4	Wed.	1	14 ·57	4 ·75	26
7	Wed.	3	12 ·29	20 ·00	26	6	Sat.	2	12 ·08	25 ·37	26	5	Thur.	2	—**A** ·54	5 ·75	27
8	Thur.	4	13 ·21	21 ·95	27	7	Sun.	3	13 ·98	26 ·31	27	6	Fri.	3	1 ·52	6 ·76	28
9	Fri.	5	14 ·12	22 ·89	28	8	Mon.	4	14 ·88	27 ·25	28	7	Sat.	4	2 ·51	7 ·81	—29
10	Sat. ●	6	**A** ·03	23 ·84	—29	9	Tues.	5	—**A** ·78	1 ·19	29	8	Sun.	5	3 ·54	8 ·86	1
11	Sun.	7	1 ·93	24 ·77	1	10	Wed.	6	1 ·70	2 ·14	—30	9	Mon.	6	4 ·58	9 ·94	2
12	Mon.	8	2 ·83	25 ·69	2	11	Thur.	7	2 ·63	3 ·11	1	10	Tues.	7	5 ·64	... ...	3
13	Tues.	9	3 ·73	26 ·63	3	12	Fri.	8	3 ·57	4 ·10	2	11	Wed.	8	6 ·71	10 ·03	4
14	Wed.	10	4 ·64	27 ·56	4	13	Sat.	9	4 ·53	5 ·11	3	12	Thur.	9	7 ·79	11 ·13	5
15	Thur.	11	5 ·56	1 ·52	5	14	Sun.	10	5 ·52	6 ·13	4	13	Fri.	10	8 ·87	12 ·24	6
16	Fri.	12	6 ·49	2 ·48	6	15	Mon.	11	6 ·52	7 ·18	5	14	Sat.	11	9 ·95	13 ·35	7
17	Sat.	13	7 ·44	3 ·46	7	16	Tues.	12	7 ·54	8 ·24	6	15	Sun.	12	... ...	14 ·45	8
18	Sun.	14	8 ·40	4 ·45	8	17	Wed.	13	8 ·59	9 ·33	7	16	Mon.	13	10 ·02	15 ·53	9
19	Mon.	15	9 ·38	5 ·46	9	18	Thur.	14	9 ·65	10 ·13	8	17	Tues.	14	11 ·07	16 ·59	10
20	Tues.	16	10 ·40	6 ·50	10	19	Fri.	15	10 ·72	11 ·53	9	18	Wed.	15	12 ·10	17 ·64	11
21	Wed.	17	11 ·45	7 ·58	11	20	Sat.	16	11 ·80	12 ·64	10	19	Thur.	16	13 ·11	18 ·67	12
22	Thur.	18	12 ·47	8 ·63	12	21	Sun.	17	12 ·89	13 ·74	11	20	Fri.	17	14 ·10	19 ·68	13
23	Fri	19	13 ·53	9 ·72	13	22	Mon.	18	13 ·97	14 ·84	12	21	Sat.	18	**P** ·06	20 ·66	14
24	Sat.	20	14 ·60	10 ·82	14	23	Tues.	19	... ...	15 ·92	13	22	Sun.	19	1 ·01	21 ·63	15
25	Sun.	21	**P** ·68	11 ·94	15	24	Wed.	20	14 ·04	16 ·97	14	23	Mon.	20	2 ·94	22 ·58	16
26	Mon.	22	1 ·77	... ...	16	25	Thur.	21	**P** ·09	... ...	15	24	Tues.	21	3 ·86	23 ·53	17
27	Tues.	23	2 ·86	12 ·04	17	26	Fri.	22	1 ·12	17 ·01	16	25	Wed.	22	4 ·77	24 ·47	18
28	Wed.	24	3 ·93	13 ·14	18	27	Sat.	23	2 ·13	18 ·02	17	26	Thur.	23	5 ·67	25 ·40	19
29	Thur.	25	4 ·99	14 ·22	19	28	Sun.	24	3 ·11	19 ·02	18	27	Fri.	24	6 ·57	26 ·38	20
—30	Fri.	26	..	15 ·29	20	29	Mon.	25	4 ·09	20 ·00	19	28	Sat.	25	7 ·47	27 ·26	21
1	Sat.	27	5 ·03	16 ·34	21	30	Tues.	26	5 ·04	20 ·98	20	29	Sun.	26	8 ·37	1 ·20	22
2	Sun.	28	6 ·03	7 ·37	22	—31	Wed.	27	6 ·97	21 ·91	21	30	Mon.	27	9 ·27	2 ·15	23
3	Mon.	29	7 ·02	18 ·38	23	1	Thur.	28	7 ·89	22 ·85	22	31	Tues.	28	10 ·18	3 ·11	24
			8 ·99	19 ·36		2	Fri.	29	8 ·80	23 ·78	23	—32	Wed.	29	11 ·11	4 ·08	25
			9 ·95			3	Sat.	30	9 ·70	24 ·72	24	1	Thur.	30	12 ·05	5 ·07	26
									10 ·60	25 ·65					13 ·01		
									11 ·50	26 ·65					14 ·99		

Pausha. **Kumbha—Māsi.** *Śukla.* *Bahula.* *Māgha.* *Phālguna.* *Bahula.* *Śukla.* *Kilaka* **Mēsha—Chittirai.** *Bahula.* *Śukla.* *Vaiśākha.* *Bahula.* *Kilaka.* **Mithuna—Āni.** *Śukla.* *Āshādha.* *Bahula.*

Phalguna. 25 *H.* 1016 *Zi-l-ka'da.* 1 *H.* 1016 *Shawwal.* 15 *H.* 1016 *Zi-l-hijja.* 1 *H.* 1017 *Muharram.* 15 *H.* 1017 *Safar.* 1 *H.* 1017 *Rabi-ul awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Arodh. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swat. 16. Vish. 17. Anur. 18. Jyesh. 19. Mul. 20. P. Ash. 21. U. Ash. 22. Shra. 23. Dhan. 24. Sat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1608. **Kollam 784,** Commences { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 1017.** Commences **April 7.** **Vikrama 1665.** **Bengal San. 1014.** **(N. Cycle) Piṅgala.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Kilaka. **Karkataka—Ādi.** 2	Fri. 1	... ...	6 ·07	27
3	Sat. 2	—**A** ·00	7 ·12	28
4	Sun. 3	1 ·01	8 ·17	29
5	Mon. 4	2 ·05	9 ·24	—30
6	Tues. 5	3 ·11	10 ·33	1
7	Wed. 6	4 ·19	11 ·43	2
8	Thur. 7	5 ·27	12 ·54	3
9	Fri. 8	6 ·35	13 ·65	4
10	Sat. 9	7 ·43	14 ·75	5
11	Sun. 10	8 ·49	15 ·83	6
12	Mon. 11	9 ·54	16 ·90	7
13	Tues. 12	10 ·58	17 ·96	8
14	Wed 13	11 ·59	18 ·99	9
15	Thur. 14	12 ·57	... ...	10
16	Fri. 15	13 ·54	19 ·00 / 20 ·99	11
17	Sat. 16	14 ·49	21 ·96	12
18	Sun. ○ 17	**P** ·42	22 ·92	13
19	Mon. 18	1 ·34	23 ·87	14
20	Tues. 19	2 ·25	24 ·81	15
21	Wed. 20	3 ·15	25 ·74	16
22	Thur 21	4 ·05 / 5 ·95	26 ·67	17
23	Fri. 22	6 ·85	27 ·61	18
24	Sat. 23	7 ·75	1 ·54	19
25	Sun. 24	8 ·66	2 ·48	20
26	Mon. 25	9 ·59	3 ·44	21
27	Tues. 26	10 ·53	4 ·41	22
28	Wed. 27	11 ·50	5 ·39	23
29	Thur. 28	12 ·48	6 ·41	24
30	Fri. 29	13 ·48	7 ·43	25
—31	Sat. 30	14 ·50	8 ·48	26
1	Sun. 31	—**A** ·55	9 ·55	27
	Aug.			
2	Mon. 1	1 ·61	10 ·63	28
3	Tues. 2	2 ·68	11 ·74	—29
4	Wed. 3	3 ·76	12 ·84	1
5	Thur. 4	4 ·84	13 ·95	2
6	Fri. 5	5 ·92	... ...	3
7	Sat. 6	6 ·99	14 ·05	4
8	Sun. 7	... ...	15 ·14	5
9	Mon. 8	7 ·05	16 ·22	6
10	Tues. 9	8 ·08	17 ·27	7
11	Wed. 10	9 ·09	18 ·31	8
12	Thur. 11	10 ·07	19 ·32	9
13	Fri. 12	11 ·04	20 ·31	10
Kilaka. **Simha—Āvani.** 14	Sat. 13	12 ·00 / 13 ·93	21 ·30	11
15	Sun. 14	14 ·85	22 ·26	12
16	Mon. 15	**P** ·75	23 ·21	13
17	Tues. 16	1 ·65	24 ·14	14
18	Wed. 17	2 ·55	25 ·07	15
19	Thur. 18	3 ·45	26 ·00 / 27 ·94	16
20	Fri. 19	4 ·35	1 ·88	17
21	Sat. 20	5 ·26	2 ·82	18
22	Sun. 21	6 ·18	3 ·77	19
23	Mon. 22	7 ·11	4 ·74	20
24	Tues. 23	8 ·05	5 ·73	21
25	Wed. 24	9 ·01	6 ·73	22
26	Thur. 25	10 ·00	7 ·75	23
27	Fri. 26	11 ·00	8 ·79	24
28	Sat. 27	12 ·02	9 ·85	25
29	Sun. 28	13 ·07	10 ·94	26
30	Mon. 29	14 ·13	... ...	27
—31	Tues. 30	—**A** ·21	11 ·04	28
1	Wed. 31	1 ·29	12 ·14	29

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
2	Thur. 1	2 ·38	13 25	—30
3	Fri. 2	3 ·46	14 ·35	1
4	Sat. 3	4 ·52	15 ·45	2
5	Sun. 4	5 ·57	16 ·53	3
6	Mon. 5	6 ·60	17 ·59	4
7	Tues. 6	7 ·62	18 ·63	5
8	Wed. 7	8 ·60	19 ·64	6
9	Thur. 8	9 ·58	20 ·65	7
10	Fri. 9	10 ·53	21 ·63	8
11	Sat. 10	11 ·46	22 ·59	9
12	Sun. 11	12 ·38	23 ·54	10
13	Mon. 12	13 ·29	24 ·48	11
14	Tues. 13	14 ·20	25 ·41	12
15	Wed. 14	**P** ·10	26 ·35	13
16	Thur. 15	1 ·00 / 2 ·90	27 ·28	14
17	Fri. 16	3 ·81	1 ·21	15
18	Sat. 17	4 ·73	2 ·15	16
19	Sun. 18	5 ·66	3 ·10	17
20	Mon. 19	6 ·60	4 ·07	18
21	Tues. 20	7 ·56	5 ·05	19
22	Wed. 21	8 ·55	6 ·05	20
23	Thur. 22	9 ·55	7 ·06	21
24	Fri. 23	10 ·58	8 ·10	22
25	Sat. 24	11 ·63	9 ·17	23
26	Sun. 25	12 69	10 ·24	24
27	Mon. 26	13 ·77	11 ·34	25
28	Tues. 27	14 ·85	12 ·44	26
29	Wed. 28	—**A** ·94	13 ·54	27
30	Thur. 29	... ...	14 ·66	28
—31	Fri. 30	1 ·02	15 ·75	—29
	Oct.			
1	Sat. 1	2 ·09	16 ·83	1
2	Sun. 2	3 ·14	17 ·90	2
3	Mon. 3	4 ·17	18 ·94	3
4	Tues. 4	5 ·19	19 ·96	4
5	Wed. 5	6 ·17	20 ·97	5
6	Thur. 6	7 ·15	21 96	6
7	Fri. 7	8 ·11	22 ·92	7
8	Sat. 8	9 ·05 / 10 ·97	23 ·88	8
9	Sun. 9	11 ·88	24 ·82	9
10	Mon. 10	12 ·78	25 ·76	10
11	Tues. 11	13 ·68	26 ·69	11
12	Wed. 12	14 ·58	27 ·62	12
13	Thur. 13	**P** ·48	1 ·55	13
14	Fri. 14	2 ·31	2 ·49	14
15	Sat. 15	3 ·25	3 ·45	15
16	Sun. 16	4 ·19	4 ·40	16
17	Mon. 17	5 ·15	5 ·38	17
18	Tues. 18	6 ·14	6 ·37	18
19	Wed. 19	7 ·14	7 ·38	19
20	Thur. 20	8 ·18	8 ·42	20
21	Fri. 21	9 ·23	9 ·47	21
22	Sat. 22	10 ·29	10 ·55	22
23	Sun. 23	11 ·36	11 ·64	23
24	Mon. 24	12 ·45	12 ·74	24
25	Tues. 25	13 ·55	13 ·85	25
26	Wed. 26	14 ·63	14 ·96	26
27	Thur. 27	... ...	... ...	27
28	Fri. 28	—**A** ·69	15 ·06	28
29	Sat. 29	1 ·74	16 ·14	29
—30	Sun. 30	2 ·78	17 ·21	—30
1	Mon. 31	3 ·80	18 ·25	1

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
2	Tues. 1	4 ·79	19 ·29	2
3	Wed. 2	5 ·75	20 ·30	3
4	Thur. 3	6 ·70	21 ·28	4
5	Fri. 4	7 ·64	22 ·29	5
6	Sat. 5	8 ·57	23 ·21	6
7	Sun. 6	9 ·49	24 ·16	7
8	Mon. 7	10 ·40	25 ·10	8
9	Tues. 8	11 ·30	26 ·03 / 27 ·96	9
10	Wed. 9	12 ·20	1 ·89	10
11	Thur. 10	13 ·10	2 ·84	11
12	Fri. 11	14 ·01 / **P** ·93	3 ·78	12
13	Sat. 12	1 ·86	4 ·74	13
14	Sun. 13	2 ·81	5 71	14
15	Mon. 14	3 ·78	6 ·69	15
16	Tues. 15	4 ·77	7 ·71	16
17	Wed. 16	5 ·78	8 ·74	17
18	Thur. 17	6 ·80	9 ·78	18
19	Fri. 18	7 ·84	10 ·85	19
20	Sat. 19	8 91	11 ·94	20
21	Sun. 20	9 ·99	.. ...	21
22	Mon. 21	... ..	12 ·03	22
23	Tues. 22	10 ·09	13 ·15	23
24	Wed. 23	11 ·18	14 ·26	24
25	Thur. 24	12 ·26	15 ·36	25
26	Fri. 25	13 ·33	16 ·44	26
27	Sat. 26	14 ·38	17 ·52	27
28	Sun. 27	—**A** ·42	18 ·58	28
—29	Mon. 28	1 ·43	19 ·61	—29
1	Tues. 29	2 ·42	20 ·62	1
2	Wed. 30	3 ·40	21 ·61	2
	Dec.			
3	Thur. 1	4 ·35	22 ·59	3
4	Fri. 2	5 ·28	23 55	4
5	Sat. 3	6 ·21	24 ·50	5
6	Sun. 4	7 ·13	25 44	6
7	Mon. 5	8 ·03 / 9 ·93	26 ·37	7
8	Tues. 6	10 ·83	27 ·30	8
9	Wed. 7	11 ·74	1 ·24	9
10	Thur. 8	12 ·65	2 ·17	10
11	Fri. 9	13 ·57	3 ·11	11
12	Sat. 10	14 ·51	4 ·07	12
13	Sun. 11	**P** ·45	5 ·03	13
14	Mon. 12	1 ·42	6 ·02	14
15	Tues. 13	2 41	7 ·03	15
16	Wed. 14	3 ·42	8 ·05	16
17	Thur. 15	4 ·45	9 ·09	17
18	Fri. 16	5 ·50	10 ·16	18
19	Sat. 17	6 ·56	11 ·24	19
20	Sun. 18	7 ·64	12 ·34	20
21	Mon. 19	8 ·73	13 ·45	21
22	Tues. 20	9 ·82	14 ·55	22
23	Wed 21	10 ·90	15 ·66	23
24	Thur 22	11 ·97	16 ·75	24
25	Fri. 23	.. ...	17 ·83	25
26	Sat. 24	12 ·03	18 ·89	26
27	Sun. 25	13 ·06	19 ·93	27
28	Mon. 26	14 ·07	20 ·94	28
29	Tues. 27	—**A** ·07	21 ·94	29
—30	Wed. 28	1 ·04 / 2 ·99	22 ·92	—30
1	Thur. 29	3 ·93	23 ·89	1
2	Fri. 30	4 ·86	24 ·84	2
3	Sat. 31	5 77	25 ·77	3

Bahula. **Adhika Bhādrapada.** *Sukla.* **Śrāvaṇa.** *Bahula.* *H.* 1017 *Rabī-ul ākhir.* *Kilaka.* **Kanyā—Puraṭṭāsi.** *Bahula.* **Nija Bhādrapada.** *Sukla.* *H.* 1017 *Jamāda'l awwal.* *Kilaka.* **Tulā—Aippaśi.** *Sukla.* **Āśvina.** *Bahula.* *H* 1017 *Rajab.* *Kilaka.* **Vriśchika—Kārttigai.** *Bahula.* **Kārttika.** *Sukla.* *H.* 1017 *Śha'bān.* *Kilaka.* **Dhanus—Mārgali.** *Sukla.* **Mārgaśīrsha.** *Bahula.* *H.* 1017 *Ramazān.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1609. **Mésha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·32** **Śaka 1531.** **Kaliyuga 4710.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·24.** **(S. Cycle) Saumya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month, and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Ekaka. **Makara—Tai.**					*Aiaka.* **Mīna—Pāṅguni.**		*Śukla.*		*H.* 1017 *Sha'bān.*	*Saumya.* **Vrishabha—Vaigāśi.**		*Śukla.* **Vaiśākha.**		*H.* 1018 *Safar.*
4	Sun. 1	6 ·68	26 ·71	4	4	Wed. 1	6 ·53	3 ·12	4	4	Mon. 1	8 ·36	10 ·71	6
5	Mon. 2	7 ·53	27 ·65	5	5	Thur. 2	7 ·45	4 ·07	5	5	Tues. 2	9 ·38	11 ·77	7
6	Tues. 3	8 ·48	1 ·58	6	6	Fri. 3	8 ·38	5 ·03	6	6	Wed. 3	10 ·43	12 ·85	8
7	Wed. 4	9 ·38	2 ·51	7	7	Sat. 4	9 ·32	6 ·00 / 7 ·99	7	7	Thur. 4	11 ·49	13 ·95	9
8	Thur. 5	10 ·30	3 ·45	8	8	Sun. 5	10 ·29	... ...	8	8	Fri. 5	12 ·56	... ...	10
9	Fri. 6	11 ·22	4 ·40	9	9	Mon. 6	11 ·28	8 ·00	9	9	Sat. 6	13 ·64	14 ·05	11
10	Sat. 7	12 ·15	5 ·36	10	10	Tues. 7	12 ·28	9 ·04	10	10	Sun. 7	14 ·73	15 ·16	12
11	Sun. 8	13 ·10	6 ·35	11	11	Wed. 8	13 ·31	10 ·09	11	11	Mon. 8	P ·81	16 ·26	13
12	Mon. 9	14 ·07	7 ·35	12	12	Thur. 9	14 ·36	11 ·16	12	12	Tues. 9	1 ·88	17 ·36	14
13	Tues. ○ 10	P ·05	8 ·37	13	13	Fri. 10	P ·42	12 ·24	13	13	Wed. 10	2 ·92	18 ·44	15
14	Wed. 11	1 ·06	9 ·40	14	14	Sat. 11	1 ·50	13 ·34	14	14	Thur. 11	3 ·94	19 ·50	16
15	Thur. 12	2 ·09	10 ·46	15	15	Sun. 12	2 ·58	14 ·46	15	15	Fri. 12	4 ·95	20 ·54	17
16	Fri. 13	3 ·14	11 ·55	16	16	Mon. 13	3 ·67	15 ·56	16	16	Sat. 13	5 ·91	21 ·56	18
17	Sat. 14	4 ·21	12 ·64	17	17	Tues. 14	4 ·75	16 ·66	17	17	Sun. 14	6 ·91	22 ·56	19
18	Sun. 15	5 ·29	13 ·75	18	18	Wed. 15	5 ·82	17 ·75	18	18	Mon. 15	7 ·85	23 ·55	20
19	Mon. 16	6 ·38	14 ·85	19	19	Thur. 16	6 ·87	18 ·82	19	19	Tues. 16	8 ·78	24 ·51	21
20	Tues. 17	7 ·46	15 ·96	20	20	Fri. 17	7 ·90	19 ·87	20	20	Wed. 17	9 ·70	25 ·47	22
21	Wed. 18	8 ·54	... ...	21	21	Sat. 18	8 ·91	20 ·91	21	21	Thur. 18	10 ·60	26 ·41	23
22	Thur. 19	9 ·61	16 ·06	22	22	Sun. 19	9 ·89	21 ·92	22	22	Fri. 19	11 ·50	27 ·34	24
23	Fri. 20	10 ·67	17 ·14	23	23	Mon. 20	10 ·86	22 ·91	23	23	Sat. 20	12 ·40	1 ·28	25
24	Sat. 21	11 ·70	18 ·20	24	24	Tues. 21	11 ·81	23 ·88	24	24	Sun. 21	13 ·30	2 ·21	26
25	Sun. 22	12 ·72	19 ·24	25	25	Wed. 22	12 ·75	24 ·84	25	25	Mon. 22	14 ·20	3 ·14	27
26	Mon. 23	13 ·70	20 ·26	26	2	Thur. 23	13 ·67	25 ·79	26	26	Tues. 23	—A ·11	4 ·08	28
27	Tues. 24	14 ·68	21 ·27	27	27	Fri. 24	14 ·58	26 ·73	27	27	Wed. 24	1 ·03 / 2 ·96	5 ·03	—29
28	Wed. 25	—A ·63	22 ·25	28	28	Sat. 25	—A ·48	27 ·66	28					
—29	Thur. 26	1 ·56	23 ·22	—29	29	Sun. 26	1 ·38	1 ·59	—29	28	Thur. 25	3 ·90	6 ·00 / 7 ·97	1
1	Fri. 27	2 ·49	24 ·17	1	—30	Mon. 27	2 ·27	2 ·52	1	29	Fri. 26	4 ·86	8 ·97	2
2	Sat. 28	3 ·41	25 ·11	2	1	Tues. 28	3 ·17	3 ·47	2	30	Sat. 27	5 ·84	9 ·98	3
3	Sun. 29	4 ·32	26 ·05 / 27 ·98	3	2	Wed. 29	4 ·08	4 ·41	3	31	Sun. 28	6 ·84	... ...	4
4	Mon. 30	5 ·22	1 ·91	4	3	Thur. 30	5 ·00 / 6 ·93	5 ·36	4	—32	Mon. 29	7 ·87	10 ·02	5
5	Tues. 31	6 ·12	2 ·85	5	4	Fri. 31	7 ·88	6 ·33	5	1	Tues. 30	8 ·92	11 ·07	6
										2	Wed. 31	9 ·98	12 ·16	7
	Feb.					**April.**					**June.**			
Ekaka. **Kumbha—Māśi.**					*Saumya.* **Mēsha—Chittirai.**		*Śukla.*		*H.* 1017 *Ziḥ-ḥijja.*	*Saumya.* **Mithuna—Āni.**		*Śukla.* **Jyeshṭha.**		*H.* 1018 *Rabī-ul awwal.*
6	Wed. 1	7 ·02 / 8 ·93	3 ·78	6	5	Sat. 1	8 ·85	7 ·31	6	3	Thur. 1	... ..	13 ·25	8
7	Thur. 2	9 ·85	4 ·73	7	6	Sun. 2	9 ·83	8 ·33	7	4	Fri. 2	10 ·05	14 ·35	9
8	Fri. 3	10 ·78	5 ·70	8	7	Mon. 3	10 ·83	9 ·35	8	5	Sat. 3	11 ·13	15 ·46	10
9	Sat. 4	11 ·73	6 ·68	9	8	Tues. 4	11 ·86	10 ·40	9	6	Sun. 4	12 ·21	16 ·56	11
10	Sun. 5	12 ·69	7 ·67	10	9	Wed. 5	12 ·91	11 ·46	10	7	Mon. 5	13 ·29	17 ·67	12
11	Mon. 6	13 ·68	8 ·68	11	10	Thur. 6	13 ·97	12 ·54	11	8	Tues. 6	14 ·35	18 ·75	13
12	Tues. 7	14 ·69	9 ·71	12	11	Fri. 7	... ...	13 ·65	12	9	Wed. 7	P ·40	19 ·81	14
13	Wed. 8	P ·72	10 ·78	13	12	Sat. 8	14 ·04	14 ·76	13	10	Thur. 8	1 ·42	20 ·86	15
14	Thur. 9	1 ·76	11 ·85	14	13	Sun. 9	P ·12	15 ·86	14	11	Fri. 9	2 ·44	21 ·88	16
15	Fri. 10	2 ·83	12 ·94	15	14	Mon. 10	1 ·21	16 ·96	15	12	Sat. 10	3 ·42	22 ·90	17
16	Sat. 11	3 ·91	.. ...	16	15	Tues. 11	2 ·29	... ...	16	13	Sun. 11	4 ·38	23 ·88	18
17	Sun. 12	4 ·99	13 ·04	17	16	Wed. 12	3 ·35	17 ·05	17	14	Mon. 12	5 ·33	24 ·85	19
18	Mon. 13	... ..	14 ·15	18	17	Thur. 13	4 ·41	18 ·13	18	15	Tues. 13	6 ·26	25 ·80	20
19	Tues. 14	5 ·08	15 ·26	19	18	Fri. 14	5 ·44	19 ·19	19	16	Wed. 14	7 ·18	26 ·74	21
20	Wed. 15	6 ·16	16 ·36	20	19	Sat. 15	6 ·45	20 ·23	20	17	Thur. 15	8 ·09 / 9 ·99	27 ·69	22
21	Thur. 16	7 ·23	17 ·45	21	20	Sun. 16	7 ·44	21 ·24	21	18	Fri. 16	10 ·89	1 ·62	23
22	Fri. 17	8 ·28	18 ·51	22	21	Mon. 17	8 ·40	22 ·24	22	19	Sat. 17	11 ·79	2 ·55	24
23	Sat. 18	9 ·31	19 ·56	23	22	Tues. 18	9 ·35	23 ·21	23	20	Sun. 18	12 ·69	3 ·48	25
24	Sun. 19	10 ·33	20 ·59	24	23	Wed. 19	10 ·28	24 ·18	24	21	Mon. 19	13 ·59	4 ·41	26
25	Mon. 20	11 ·31	21 ·60	25	24	Thur. 20	11 ·20	25 ·13	25	22	Tues. 20	14 ·51	5 ·36	27
26	Tues. 21	12 ·29	22 ·59	26	25	Fri. 21	12 ·11	26 ·07	26	23	Wed. 21	—A ·44	6 ·33	28
27	Wed. 22	13 ·24	23 ·55	27	26	Sat. 22	13 ·01 / 14 ·91	27 ·00 / 1 ·93	27	24	Thur. 22	1 ·38	7 ·30	29
28	Thur. 23	14 ·18	24 ·51	28	27	Sun. 23	—A ·81	2 ·87	28	25	Fri. 23	2 ·34	8 ·29	—30
29	Fri. 24	—A ·10	25 ·45	29	28	Mon. 24	1 ·71	3 ·80	29	26	Sat. 24	3 ·32	9 ·30	1
—30	Sat. 25	1 ·01 / 2 ·91	26 ·39	—30	29	Tues. 25	2 ·62	4 ·74	—30	27	Sun. 25	4 ·32	10 ·33	2
1	Sun. 26	3 ·81	27 ·32	1	30	Wed. 26	3 ·53	5 ·69	1	28	Mon. 26	5 ·34	11 ·39	3
2	Mon. 27	4 ·71	1 ·25	2	—31	Thur. 27	4 ·46	6 ·66	2	29	Tues. 27	6 ·39	12 ·46	4
3	Tues. 28	5 ·62	2 ·18	3	1	Fri. 28	5 ·40	7 ·65	3	30	Wed. 28	7 ·45	13 ·55	5
					2	Sat. 29	6 ·37	8 ·65	4	—31	Thur. 29	8 ·53	14 ·65	6
					3	Sun. 30	7 ·35	9 ·67	5	1	Fri. 30	9 ·61	15 ·75	7

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1609. **Kollam 785,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1018.** **Vikrama 1666.**
A—Amāvāsyā. Commences Commences **March 27.** **Bengal San. 1015.**
P—Paurnimā. **(N. Cycle) Kālayukta.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
Saumya. **Karkataka—Ādi.** 2	Sat. 1	10 ·64	16 ·87	8	1	Fri. 1	13 ·89	23 ·86	11	2	Wed. 1	P ·57	2 ·25	13
3	Sun. 2	11 ·77	17 ·97	9	2	Sat. 2	14 ·84	24 ·84	12	3	Thur. 2	1 ·47	3 ·18	14
4	Mon. 3	12 ·84	... ...	10	3	Sun. 3	P ·77	25 ·81	13	4	Fri. 3	2 ·37	4 ·11	15
5	Tues. 4	13 ·88	18 ·06	11	4	Mon. 4	1 ·69	26 ·76	14	5	Sat. 4	3 ·28	5 ·04	16
6	Wed. 5	14 ·90	19 ·12	12	5	Tues. 5	2 ·59	27 ·70	15	6	Sun. 5	4 ·21	6 ·00 / 7 ·95	17
7	Thur. ○ 6	P ·92	20 ·17	13	6	Wed. 6	3 ·49	1 ·63	16					
8	Fri. 7	1 ·90	21 ·21	14	7	Thur. 7	4 ·39	2 ·56	17	7	Mon. 6	5 ·15	8 ·92	18
9	Sat. 8	2 ·87	22 ·22	15	8	Fri. 8	5 ·29	3 ·50	18	8	Tues. 7	6 ·10	9 ·91	19
10	Sun. 9	3 ·81	23 ·21	16	9	Sat. 9	6 ·19	4 ·43	19	9	Wed. 8	7 ·07	10 ·92	20
11	Mon. 10	4 ·74	24 ·18	17	10	Sun. 10	7 ·10	5 ·37	20	10	Thur. 9	8 ·06	11 ·95	21
12	Tues. 11	5 ·66	25 ·13	18	11	Mon. 11	8 ·02	6 ·32	21	11	Fri. 10	9 ·06	... ...	22
13	Wed. 12	6 ·57	26 ·08	19			9 ·95			12	Sat. 11	10 ·09	12 ·00	23
14	Thur. 13	7 ·47	27 ·03 / 1 ·96	20	12	Tues. 12	10 ·90	7 ·28	22	13	Sun. 12	11 ·14	13 ·07	24
15	Fri. 14	8 ·37	2 ·89	21	13	Wed. 13	11 ·87	8 ·27	23	14	Mon. 13	12 ·21	14 ·16	25
16	Sat. 15	9 ·26	3 ·82	22	14	Thur. 14	12 ·85	9 ·27	24	15	Tues. 14	13 ·29	15 ·25	26
17	Sun. 16	10 ·16	4 ·75	23	15	Fri. 15	13 ·86	10 ·28	25	16	Wed. 15	14 ·38	16 ·36	27
18	Mon. 17	11 ·07 / 12 ·98	5 ·70	24	16	Sat. 16	14 ·89	11 ·32	26	17	Thur. 16	—A ·47	17 ·48	28
19	Tues. 18	13 ·91	6 ·66	25	17	Sun. 17	—A ·94	12 ·38	27	18	Fri. 17	1 ·55	18 ·58	—29
20	Wed. 19	14 ·86	7 ·63	26	18	Mon. 18	... ...	13 ·46	28	19	Sat. 18	2 ·61	19 ·66	1
21	Thur. 20	—A ·82	8 ·61	27	19	Tues. 19	1 ·00	14 ·56	—29	20	Sun. 19	3 ·66	20 ·74	2
22	Fri. 21	1 ·80	9 ·62	28	20	Wed. 20	2 ·07	15 ·66	1	21	Mon. 20	4 ·69	21 ·79	3
23	Sat. 22	2 ·80	10 ·65	—29	21	Thur. 21	3 ·15	16 ·76	2	22	Tues. 21	5 ·71	22 ·83	4
24	Sun. 23	3 ·83	11 ·70	1	22	Fri. 22	4 ·24	17 ·87	3	23	Wed. 22	6 ·70	23 ·84	5
25	Mon. 24	4 ·88	12 ·77	2	23	Sat. 23	5 ·32	18 ·97	4	24	Thur. 23	7 ·68	24 ·83	6
26	Tues. 25	5 ·94	13 ·85	3	24	Sun. 24	6 ·39	... ...	5	25	Fri. 24	8 ·63	25 ·80	7
27	Wed. 26	... ...	14 ·95	4	25	Mon. 25	7 ·45	19 ·06	6	26	Sat. 25	9 ·56	26 ·76	8
28	Thur. 27	6 ·01	.. ..	5	26	Tues. 26	8 ·48	20 ·12	7	27	Sun. 26	10 ·48	27 ·72	9
29	Fri. 28	7 ·09	15 ·06	6	27	Wed. 27	9 ·49	21 ·16	8	28	Mon. 27	11 ·39	1 ·66	10
30	Sat. 29	8 ·18	16 ·17	7	28	Thur. 28	10 ·48	22 ·18	9	29	Tues. 28	12 ·30	2 ·59	11
31	Sun. 30	9 ·26	17 ·27	8	29	Fri. 29	11 ·45	23 ·18	10	—30	Wed. 29	13 ·20	3 ·52	12
—32	Mon. 31	10 ·32	18 ·36	9	—30	Sat. 30	12 ·40	24 ·18	11	1	Thur. 30	14 ·11	4 ·45	13
	Aug.					**Oct.**					**Dec.**			
1	Tues. 1	11 ·37	19 ·43	10	1	Sun. 1	13 ·34	25 ·14	12	2	Fri. 1	P ·02 / 1 ·93	5 ·38	14
2	Wed. 2	12 ·40	20 ·50	11	2	Mon. 2	14 ·26	26 ·10	13	3	Sat. 2	2 ·85	6 ·33	15
3	Thur. 3	13 ·41	21 ·53	12	3	Tues. 3	P ·16	27 ·04 / 1 ·97	14	4	Sun. 3	3 ·79	7 ·29	16
4	Fri. 4	14 ·39	22 ·54	13			1 ·06			5	Mon. 4	4 ·74	8 ·25	17
5	Sat. 5	P ·35	23 ·53	14	4	Wed. 4	2 ·96	2 ·91	15	6	Tues. 5	5 ·70	9 ·24	18
6	Sun. 6	1 ·30	24 ·51	15	5	Thur. 5	3 ·86	3 ·84	16	7	Wed. 6	6 ·69	10 ·24	19
7	Mon. 7	2 ·24	25 ·47	16	6	Fri. 6	4 ·77	4 ·77	17	8	Thur. 7	7 ·70	11 ·27	20
8	Tues. 8	3 ·16	26 ·42	17	7	Sat. 7	5 ·68	5 ·71	18	9	Fri. 8	8 ·73	12 ·31	21
9	Wed. 9	4 ·06 / 5 ·96	27 ·36	18	8	Sun. 8	6 ·60	6 ·66	19	10	Sat. 9	9 ·78	13 ·38	22
10	Thur. 10	6 ·86	1 ·29	19	9	Mon. 9	7 ·53	7 ·62	20	11	Sun. 10	10 ·85	14 ·46	23
11	Fri. 11	7 ·76	2 ·22	20	10	Tues. 10	8 ·48	8 ·60	21	12	Mon. 11	11 ·93	15 ·55	24
12	Sat. 12	8 ·65	3 ·15	21	11	Wed. 11	9 ·45	9 ·59	22	13	Tues. 12	.. ...	16 ·66	25
13	Sun. 13	9 ·57	4 ·10	22	12	Thur. 12	10 ·43	10 ·60	23	14	Wed. 13	12 ·02	17 ·77	26
14	Mon. 14	10 ·49	5 ·04 / 6 ·99	23	13	Fri. 13	11 ·44	11 ·63	24	15	Thur. 14	13 ·11	18 ·88	27
15	Tues. 15	11 ·42	7 ·96	24	14	Sat. 14	12 ·47	12 ·69	25	16	Fri. 15	14 ·19	19 ·97	28
16	Wed. 16	12 ·36	8 ·94	25	15	Sun. 15	13 ·52	13 ·77	26	17	Sat. ● 16	—A ·26	... ...	29
17	Thur. 17	13 ·33	9 ·95	26	16	Mon. 16	14 ·59	14 ·86	27	18	Sun. 17	1 ·31	20 ·04	—30
18	Fri. 18	14 ·31	10 ·97	27	17	Tues. 17	—A ·67	15 ·96	28	19	Mon. 18	2 ·34	21 ·11	1
19	Sat. 19	—A ·30	.. ...	28	18	Wed. 18	1 ·75	.. ..	29	20	Tues. 19	3 ·36	22 ·15	2
20	Sun. 20	1 ·34	11 ·01	29	19	Thur. 19	2 ·84	16 ·06	—30	21	Wed. 20	4 ·31	23 ·16	3
21	Mon. 21	2 ·39	12 ·07	—30	20	Fri. 20	3 ·92	17 ·17	1	22	Thur. 21	5 ·31	24 ·16	4
22	Tues. 22	3 ·46	13 ·15	1	21	Sat. 21	4 ·99	18 ·28	2	23	Fri. 22	6 ·27	25 ·13	5
23	Wed. 23	4 ·54	14 ·26	2	22	Sun. 22	... ..	19 ·36	3	24	Sat. 23	7 ·21	26 ·11	6
24	Thur. 24	5 ·62	15 ·36	3	23	Mon. 23	5 ·04	20 ·43	4	25	Sun. 24	8 ·13	27 ·05 / 1 ·99	7
25	Fri. 25	6 ·70	16 ·47	4	24	Tues. 24	6 ·07	21 ·47	5					
26	Sat. 26	7 ·78	17 ·57	5	25	Wed. 25	7 ·09	22 ·50	6	26	Mon. 25	9 ·05 / 10 ·95	2 ·93	8
27	Sun. 27	8 ·84	18 ·66	6	26	Thur. 26	8 ·07	23 ·52	7	27	Tues. 26	11 ·83	3 ·86	9
28	Mon. 28	9 ·89	19 ·74	7	27	Fri. 27	9 ·04 / 10 ·99	24 ·50	8	28	Wed. 27	12 ·75	4 ·79	10
29	Tues. 29	10 ·92	20 ·81	8	28	Sat. 28	11 ·93	25 ·47	9	—29	Thur. 28	13 ·66	5 ·73	11
30	Wed. 30	11 ·93	21 ·85	9	29	Sun. 29	12 ·85	26 ·43	10	1	Fri. 29	14 ·58	6 ·67	12
—31	Thur. 31	12 ·92	22 ·86	10	—30	Mon. 30	13 ·76	27 ·37	11	2	Sat. ○ 30	P ·50	7 ·62	13
					1	Tues. 31	14 ·67	1 ·32	12	3	Sun. 31	1 ·43	8 ·58	14

Saumya. **Simha—Āvani.** *Saumya.* **Kanyā—Purattāsi.** *Saumya.* **Tulā—Aippasi.** *Saumya.* **Vṛśchika—Kārttigai.** *Saumya.* **Dhanus—Mārgali.**

Bahula. *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

H. 1018 *Rabi-ul ākhir.* *H.* 1018 *Jamada'l ākhir.* *H.* 1018 *Rajab.* *H.* 1018 *Sha'bān.* *H.* 1018 *Ramazān.* *H.* 1018 *Shawwāl.*

18. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1610. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·58.** **Śaka 1532.** **Kaliyuga 4711.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·50.** **(S. Cycle) Sādhāraṇa.**

SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
4	Mon. 1	2 ·38	9 ·56	15
5	Tues. 2	3 ·34	10 ·57	16
6	Wed. 3	4 ·33	11 ·59	17
7	Thur. 4	*Bahula.* 5 ·34	12 ·62	*H. 1018 Shawwāl.* 18
8	Fri. 5	6 ·38	13 ·68	19
9	Sat. 6	7 ·43	14 ·76	20
10	SUN. 7	8 ·50	15 ·86	21
11	Mon. 8	9 ·58	16 ·97	22
12	Tues. 9	10 ·67	...	23
Saumya. **Makara—Tai.** 13	Wed. 10	11 ·76	17 ·07	24
14	Thur. 11	12 ·83	18 ·18	25
15	Fri. 12	13 ·90	19 ·27	26
16	Sat. 13	14 ·96	20 ·36	27
17	SUN. 14	—**A** ·99	21 42	28
18	Mon. 15	... ...	22 ·46	—29
19	Tues. 16	1 ·00 / 2 ·99	23 ·48	1
20	Wed. 17	3 96	24 ·48	2
21	Thur. 18	4 ·91	25 ·46	3
22	Fri. 19	*Sukla.* 5 ·85	26 ·44	4
23	Sat. 20	6 77	27 ·39	5
24	SUN. 21	7 ·69	1 ·33	6
25	Mon. 22	8 ·59	2 ·26	7
26	Tues. 23	9 ·49	3 ·19	8
27	Wed. 24	10 ·39	4 ·13	9
28	Thur. 25	11 ·30	5 ·07	*H. 1018 Zi-l-ka'da.* 10
—29	Fri. 26	**Māgha.** 12 ·21	6 ·00 / 7 ·95	11
1	Sat. 27	13 ·13	8 ·91	12
2	SUN. 28	14 ·06	9 ·90	13
3	Mon. 29	**P** ·01 / 1 ·99	10 ·89	14
4	Tues. 30	2 ·97	11 ·90	15
5	Wed. 31	3 ·98	12 ·94	16
	Feb.			
6	Thur. 1	... ..	13 ·99	17
7	Fri. 2	4 ·01	... ...	18
8	Sat. 3	*Bahula.* 5 ·06	14 ·07	19
9	SUN. 4	6 ·13	15 ·16	20
10	Mon. 5	7 ·21	16 ·26	21
11	Tues. 6	8 ·30	17 ·37	22
12	Wed. 7	9 ·38	18 ·48	23
Saumya. **Kumbha—Māśi.** 13	Thur. 8	10 ·46	19 ·58	24
14	Fri. 9	11 ·53	20 ·67	25
15	Sat. 10	12 ·58	21 ·73	26
16	SUN. 11	13 ·61	22 ·78	27
17	Mon. 12	14 ·62	23 ·80	28
18	Tues. 13	—**A** ·61	24 81	29
19	Wed. 14	1 ·58	25 ·80	—30
20	Thur. 15	2 54	26 ·77	1
21	Fri. 16	3 ·47	27 ·72	2
22	Sat. 17	4 ·39	1 ·67	3
23	SUN. 18	*Sukla.* 5 ·30	2 ·60	4
24	Mon. 19	6 ·20	3 ·54	*H. 1018 Zi-l-hijja.* 5
25	Tues. 20	7 ·10	4 ·47	6
26	Wed. 21	8 ·00 / 9 ·91	5 ·40	7
27	Thur. 22	10 ·82	6 ·34	8
28	Fri. 23	**Phālguna.** 11 ·74	7 ·28	9
29	Sat. 24	12 ·67	8 ·25	10
—30	SUN. 25	13 ·62	9 ·22	11
1	Mon. 26	14 ·59	10 ·21	12
2	Tues. 27	**P** ·57	11 ·22	13
3	Wed. 28	1 ·58	12 ·25	14

SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
4	Thur. 1	2 ·61	13 ·31	15
5	Fri. 2	3 ·66	14 ·38	16
6	Sat. 3	4 ·72	15 ·46	17
7	SUN. 4	*Bahula.* 5 ·80	16 ·56	*H. 1018 Zi-l-hijja.* 18
8	Mon. 5	6 ·89	17 ·67	19
9	Tues. 6	7 ·98	18 ·77	20
10	Wed. 7	... ...	19 ·88	21
11	Thur. 8	8 ·06	20 ·97	22
12	Fri. 9	9 ·13	... ...	23
Saumya. **Mīna—Panguni.** 13	Sat. 10	10 ·18	21 ·04	24
14	SUN. 11	11 ·21	22 ·09	25
15	Mon. 12	12 ·21	23 ·12	26
16	Tues. 13	13 ·20	24 ·14	27
17	Wed. 14	14 ·16	25 ·13	28
18	Thur. 15	—**A** ·11	26 ·10	—29
19	Fri. 16	1 ·05 / 2 ·97	27 ·06	1
20	Sat. 17	3 ·88	1 ·00 / 2 ·95	2
21	SUN. 18	4 ·78	3 ·88	3
22	Mon. 19	5 ·68	4 81	4
23	Tues. 20	*Sukla.* 6 58	5 ·74	5
24	Wed. 21	7 ·48	6 ·68	6
25	Thur. 22	8 ·39	7 ·63	7
26	Fri. 23	9 ·31	8 ·58	*H. 1019 Muharram.* 8
27	Sat. 24	10 ·25	9 ·55	9
28	SUN. 25	11 ·20	10 ·53	10
29	Mon. 26	12 ·16	11 ·54	11
30	Tues. 27	**Chaitra.** 13 ·14	12 ·56	12
—31	Wed. 28	14 ·14	13 ·62	13
1	Thur. 29	**P** ·17	14 ·68	14
2	Fri. 30	1 ·22	15 ·76	15
3	Sat. 31	2 ·28	16 ·86	16
	April.			
4	SUN. 1	3 ·36	17 ·97	17
5	Mon. 2	4 ·45	.. ...	18
6	Tues. 3	*Bahula.* 5 ·54	18 ·08	19
7	Wed. 4	6 ·62	19 ·18	20
8	Thur. 5	7 ·68	20 ·27	21
9	Fri. 6	8 ·73	21 ·35	22
10	Sat. 7	9 ·76	22 ·40	23
Sādhārana. **Mēsha—Chittirai.** 11	SUN. 8	10 ·76	23 ·45	24
12	Mon. 9	11 ·74	24 ·46	25
13	Tues. 10	12 ·71	25 ·46	26
14	Wed. 11	13 ·66	26 ·43	27
15	Thur. 12	14 ·59	27 ·39	28
16	Fri. 13	—**A** ·51	1 ·35	29
17	Sat. 14	1 ·42	2 ·29	—30
18	SUN. 15	2 ·32	3 22	1
19	Mon. 16	3 22	4 ·15	2
20	Tues. 17	4 ·12	5 ·08	3
21	Wed. 18	5 ·02 / 6 ·92	6 ·02 / 7 ·96	4
22	Thur. 19	*Sukla.* 7 ·84	8 ·91	*H 1019 Safar.* 5
23	Fri. 20	8 ·77	9 ·88	6
24	Sat. 21	9 ·72	10 ·86	7
25	SUN. 22	10 68	11 ·86	8
26	Mon. 23	11 ·67	12 ·89	9
27	Tues. 24	**Vaiśākha.** 12 67	13 ·93	10
28	Wed. 25	13 ·70	14 ·99	11
29	Thur. 26	14 ·75	.	12
—30	Fri. 27	**P** ·81	15 ·07	13
1	Sat. 28	1 89	16 16	14
2	SUN. 29	2 ·98	17 ·27	15
3	Mon. 30	. .	18 38	16

SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
4	Tues. 1	**Vaiśāk.** 3 ·06	19 ·48	17
5	Wed. 2	4 ·13	20 ·58	18
6	Thur. 3	5 ·19	21 65	19
7	Fri. 4	6 24	22 ·72	*H. 1019 Safar.* 20
8	Sat. 5	7 ·27	23 ·76	21
9	SUN. 6	*Bahula.* 8 ·28	24 ·78	22
10	Mon. 7	9 26	25 ·78	23
11	Tues. 8	10 ·22	26 ·76	24
12	Wed. 9	11 ·17	27 ·73	25
13	Thur. 10	12 ·10	1 ·69	26
14	Fri 11	13 ·02 / 14 ·92	2 ·63	27
15	Sat. 12	—**A** ·82	3 ·56	28
16	SUN. 13	1 ·72	4 ·49	—29
17	Mon. 14	2 62	5 ·42	1
18	Tues. 15	3 ·52	6 ·36	2
19	Wed. 16	4 ·43	7 ·30	3
Sādhārana. **Vrishabha—Vaigāsi.** 20	Thur. 17	*Sukla.* 5 ·34	8 ·25	4
21	Fri. 18	6 ·27	9 ·21	5
22	Sat. 19	7 ·22	10 ·18	6
23	SUN. 20	8 ·18	11 ·19	7
24	Mon. 21	9 ·17	12 ·20	*H 1019 Rabi-ul awwal.* 8
25	Tues. 22	10 ·17	13 ·24	9
26	Wed. 23	11 ·20	14 ·29	10
27	Thur. 24	**Jyeshtha.** 12 ·25	15 ·37	11
28	Fri. 25	13 ·31	16 ·47	12
29	Sat. 26	14 ·38	17 ·57	13
30	SUN. 27	**P** ·46	18 ·68	14
31	Mon. 28	1 ·55	19 ·78	15
—32	Tues. 29	2 ·63	20 88	16
1	Wed. 30	3 ·69	21 ·97	17
2	Thur. 31	4 ·73	... ...	18
	June.			
3	Fri. 1	*Bahula.* 5 ·76	22 ·03	19
4	Sat. 2	6 ·76	23 ·08	20
5	SUN. 3	7 ·74	24 ·10	21
6	Mon. 4	8 ·71	25 ·11	22
7	Tues. 5	9 ·66	26 ·10	23
8	Wed. 6	10 ·59	27 ·07	24
9	Thur. 7	11 ·50	1 ·02 / 2 ·96	25
Sādhārana. **Mithuna—Āni.** 10	Fri. 8	12 ·40	3 90	26
11	Sat. 9	13 ·30	4 ·83	27
12	SUN. 10	14 ·20	5 ·77	28
13	Mon. ● 11	**A** ·09 / 1 ·99	6 ·70	29
14	Tues. 12	2 ·90	7 ·63	—30
15	Wed. 13	3 82	8 ·58	1
16	Thur. 14	4 ·75	9 ·54	2
17	Fri. 15	*Sukla.* 5 70	10 ·52	3
18	Sat. 16	6 ·67	11 ·51	4
19	SUN. 17	7 ·64	12 ·52	*H 1019 Rabi-ul ākhir.* 5
20	Mon. 18	8 ·64	13 55	6
21	Tues. 19	9 ·67	14 60	7
22	Wed. 20	10 ·72	15 68	8
23	Thur. 21	11 ·78	16 ·77	9
24	Fri. 22	12 ·86	17 ·87	10
25	Sat. 23	**Āshādha.** 13 ·94	18 98	11
26	SUN. 24	..	..	12
27	Mon. 25	14 ·02	19 08	13
28	Tues. ○ 26	**P** ·10	20 18	14
29	Wed. 27	1 ·18	21 28	15
30	Thur. 28	2 ·21	22 ·34	16
—31	Fri. 29	3 ·24	23 ·39	17
1	Sat. 30	4 ·24	24 ·42	18

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1610. **Kollam 786,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1019.** Commences **March 16.** **Vikrama 1667.** **Bengal San. 1016.** **(N. Cycle) Siddhārtin.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Śrāvana.	2 Sun. 1	5 ·23	25 ·43	19
	3 Mon. 2	6 ·19	26 ·43	20
	4 Tues. 3	7 ·14	27 ·40	21
	5 Wed. 4	8 ·07 / 9 ·98	1 ·35	22
	6 Thur. 5	10 ·88	2 ·30	23
	7 Fri. 6	11 ·78	3 ·23	24
	8 Sat. 7	12 ·68	4 ·17	25
	9 Sun. 8	13 ·58	5 ·10	26
	10 Mon. 9	14 ·48	6 ·03 / 7 ·97	27
	11 Tues. 10	—A ·39	8 ·91	28
	12 Wed. 11	1 ·30	9 ·88	—29
	13 Thur. 12	2 ·23	10 ·85	1
	14 Fri. 13	3 ·18	11 ·83	2
	15 Sat. 14	4 ·15	12 ·84	3
	16 Sun. 15	5 ·12	13 ·86	4
	17 Mon. 16	6 ·13	14 ·92	5
	18 Tues. 17	7 ·16	15 ·99	6
	19 Wed. 18	8 ·20	... ...	7
	20 Thur. 19	9 ·26	16 ·07	8
	21 Fri. 20	10 ·34	17 ·17	9
	22 Sat. 21	11 ·43	18 ·27	10
	23 Sun. 22	12 ·51	19 ·38	11
	24 Mon. 23	13 ·59	20 ·49	12
	25 Tues. 24	14 ·65	21 ·58	13
	26 Wed. 25	P ·70	22 ·65	14
	27 Thur. 26	1 ·72	23 ·71	15
	28 Fri. 27	2 ·72	24 ·74	16
	29 Sat. 28	3 ·71	25 ·76	17
	30 Sun. 29	4 ·67	26 ·75	18
	31 Mon. 30	5 ·62	27 ·73	19
	—32 Tues. 31	6 ·55	1 ·69	20
	Aug.			
Bhādrapada.	1 Wed. 1	7 ·47	2 ·63	21
	2 Thur. 2	8 ·37	3 ·58	22
	3 Fri. 3	9 ·27	4 ·51	23
	4 Sat. 4	10 ·17	5 ·44	24
	5 Sun. 5	11 ·07 / 12 ·97	6 ·37	25
	6 Mon. 6	13 ·88	7 ·31	26
	7 Tues. 7	14 ·80	8 ·26	27
	8 Wed. 8	—A ·73	9 ·21	28
	9 Thur. 9	1 ·68	10 ·18	29
	10 Fri. 10	2 ·64	11 ·16	—30
	11 Sat. 11	3 ·62	12 ·16	1
	12 Sun. 12	4 ·63	13 ·18	2
	13 Mon. 13	5 ·66	14 ·23	3
	14 Tues. 14	6 ·71	15 ·29	4
	15 Wed. 15	7 ·77	16 ·37	5
	16 Thur. 16	8 ·85	17 ·47	6
	17 Fri. 17	9 ·93	18 ·57	7
	18 Sat. 18	... ...	19 ·69	8
	19 Sun. 19	10 ·02	20 ·79	9
	20 Mon. 20	11 ·10	21 ·88	10
	21 Tues. 21	12 ·16	22 ·96	11
	22 Wed 22	13 ·21	.. ...	12
	23 Thur. 23	14 ·24	23 ·02	13
	24 Fri. 24	P ·24	24 ·07	14
	25 Sat. 25	1 ·22	25 ·08	15
	26 Sun. 26	2 ·19	26 ·08	16
	27 Mon. 27	3 ·14	27 ·06	17
	28 Tues. 28	4 ·07 / 5 ·99	1 ·02 / 2 ·98	18
	29 Wed. 29	6 ·91	3 ·92	19
	30 Thur. 30	7 ·80	4 ·85	20
	—31 Fri. 31	8 ·70	5 ·78	21
	Sep.			
Āśvina.	1 Sat. 1	9 ·60	6 ·71	22
	2 Sun. 2	10 ·50	7 ·65	23
	3 Mon. 3	11 ·41	8 ·59	24
	4 Tues. 4	12 ·33	9 ·54	25
	5 Wed. 5	13 ·26	10 ·50	26
	6 Thur. 6	14 ·21	11 ·48	27
	7 Fri. 7	—A ·17	12 ·48	28
	8 Sat. 8	1 ·16	13 ·50	—29
	9 Sun. 9	2 ·17	14 ·54	1
	10 Mon. 10	3 ·20	15 ·60	2
	11 Tues 11	4 ·25	16 ·67	3
	12 Wed. 12	5 ·31	17 ·77	4
	13 Thur. 13	6 ·39	18 ·88	5
	14 Fri. 14	7 ·47	19 ·99	6
	15 Sat. 15	8 ·56	.. ..	7
	16 Sun. 16	9 ·64	20 ·09	8
	17 Mon. 17	10 ·71	21 ·19	9
	18 Tues. 18	11 ·75	22 ·27	10
	19 Wed. 19	12 ·78	23 ·34	11
	20 Thur. 20	13 ·79	24 ·38	12
	21 Fri. 21	14 ·77	25 ·40	13
	22 Sat. 22	P ·74	26 ·40	14
	23 Sun. 23	1 ·69	27 ·39	15
	24 Mon. 24	2 ·62	1 ·36	16
	25 Tues. 25	3 ·54	2 ·31	17
	26 Wed. 26	4 ·45	3 ·26	18
	27 Thur. 27	5 ·36	4 ·19	19
	28 Fri. 28	6 ·26	5 ·12	20
	29 Sat. 29	7 ·16	6 ·05 / 7 ·99	21
	—30 Sun. 30	8 ·06 / 9 ·97	8 ·93	22
	Oct.			
Kārttika.	1 Mon. 1	10 ·89	9 ·87	23
	2 Tues. 2	11 ·83	10 ·83	24
	3 Wed. 3	12 ·78	11 ·81	25
	4 Thur. 4	13 ·74	12 ·81	26
	5 Fri. 5	14 ·73	13 ·82	27
	6 Sat. 6	—A ·74	14 ·85	28
	7 Sun. 7	1 ·78	15 ·91	29
	8 Mon. 8	2 ·83	16 ·98	—30
	9 Tues. 9	3 ·89	... ...	1
	10 Wed. 10	4 ·97	17 ·08	2
	11 Thur. 11	... ...	18 ·18	3
	12 Fri. 12	5 ·05	19 ·28	4
	13 Sat. 13	6 ·14	20 ·39	5
	14 Sun. 14	7 ·22	21 ·49	6
	15 Mon. 15	8 ·29	22 ·58	7
	16 Tues. 16	9 ·34	23 ·65	8
	17 Wed. 17	10 ·38	24 ·70	9
	18 Thur. 18	11 ·38	25 ·72	10
	19 Fri. 19	12 ·36	26 ·73	11
	20 Sat. 20	13 ·33	27 ·72	12
	21 Sun. 21	14 ·28	1 ·69	13
	22 Mon. 22	P ·22	2 ·65	14
	23 Tues. 23	1 ·14	3 ·59	15
	24 Wed. 24	2 ·05 / 3 ·95	4 ·53	16
	25 Thur. 25	4 ·85	5 ·46	17
	26 Fri. 25	5 ·75	6 ·40	18
	27 Sat. 27	6 ·66	7 ·33	19
	28 Sun. 28	7 ·57	8 ·26	20
	29 Mon. 29	8 ·49	9 ·21	21
	—30 Tues. 30	9 ·43	10 ·16	22
	1 Wed. 31	10 ·39	11 ·14	23
	Nov.			
Vṛiśchika.	2 Thur. 1	11 ·36	12 ·13	24
	3 Fri. 2	12 ·34	13 ·14	25
	4 Sat. 3	13 ·35	14 ·17	26
	5 Sun. 4	14 ·38	15 ·21	27
	6 Mon. 5	—A ·44	16 ·29	28
	7 Tues. 6	1 ·51	17 ·38	—29
	8 Wed. 7	2 ·59	18 ·48	1
	9 Thur. 8	3 ·67	19 ·58	2
	10 Fri. 9	4 ·76	20 ·69	3
	11 Sat. 10	5 ·84	21 ·80	4
	12 Sun. 11	6 ·91	22 ·89	5
	13 Mon. 12	7 ·96	23 ·96	6
	14 Tues. 13	... ...	... ...	7
	15 Wed. 14	8 ·00	24 ·01	8
	16 Thur. 15	9 ·00 / 10 ·99	25 ·04	9
	17 Fri. 16	11 ·96	26 ·05	10
	18 Sat. 17	12 ·91	27 ·05	11
	19 Sun. 18	13 ·84	1 ·02 / 2 ·98	12
	20 Mon. 19	14 ·76	3 ·93	13
	21 Tues. 20	P ·68	4 ·87	14
	22 Wed. 21	1 ·59	5 ·81	15
	23 Thur. 22	2 ·49	6 ·74	16
	24 Fri. 23	3 ·39	7 ·67	17
	25 Sat. 24	4 ·29	8 ·60	18
	26 Sun. 25	5 ·20	9 ·54	19
	27 Mon. 26	6 ·12	10 ·51	20
	28 Tues. 27	7 ·06 / 8 ·01 / 9 ·99	11 ·47 / 12 ·46	21 / 22
	—30 Thur. 29	10 ·97	13 ·46	23
	1 Fri. 30	11 ·99	14 ·48	24
	Dec.			
Dhanus.	2 Sat. 1	... ...	15 ·53	25
	3 Sun. 2	12 ·02	16 ·60	26
	4 Mon. 3	13 ·07	17 ·68	27
	5 Tues. 4	14 ·15	18 ·77	28
	6 Wed. ● 5	—A ·23	19 ·88	29
	7 Thur. 6	1 ·32	20 ·99	—30
	8 Fri. 7	2 ·40	... ...	1
	9 Sat. 8	3 ·48	21 ·10	2
	10 Sun. 9	4 ·55	22 ·19	3
	11 Mon. 10	5 ·60	23 ·26	4
	12 Tues. 11	6 ·64	24 ·32	5
	13 Wed. 12	7 ·64	25 ·36	6
	14 Thur. 13	8 ·63	26 ·38	7
	15 Fri. 14	9 ·60	27 ·38	8
	16 Sat. 15	10 ·55	1 ·35	9
	17 Sun. 16	11 ·49	2 ·32	10
	18 Mon. 17	12 ·42	3 ·26	11
	19 Tues. 18	13 ·33	4 ·21	12
	20 Wed. 19	14 ·23	5 ·15	13
	21 Thur. ○ 20	P ·13	6 ·08	14
	22 Fri. 21	1 ·03 / 2 ·94	7 ·00 / 8 ·94	15
	23 Sat. 22	3 ·85	9 ·89	16
	24 Sun. 23	4 ·77	10 ·84	17
	25 Mon. 24	5 ·71	11 ·80	18
	26 Tues. 25	6 ·66	12 ·78	19
	27 Wed. 26	7 ·64	13 ·78	20
	28 Thur. 27	8 ·62	14 ·81	21
	—29 Fri. 28	9 ·64	15 ·84	22
	1 Sat. 29	10 ·67	16 ·90	23
	2 Sun. 30	11 ·72	17 ·98	24
	3 Mon. 31	12 ·79	... ...	25

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1611. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● . (Surya Sid.) **March 28·84.** **Śaka 1533.** **Kaliyuga 4712.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·76.** (S. Cycle) **Virodhakṛit.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
Sādhārana.				
Makara—Tai.				
4	Tues. 1	13 ·87	18 ·07	26
5	Wed. 2	14 ·96	19 ·18	27
6	Thur. 3	... ...	20 ·29	28
7	Fri. 4	—**A** ·05	21 ·40	—29
8	Sat. 5	1 ·13	22 ·49	1
9	Sun. 6	2 ·20	23 ·57	2
10	Mon. 7	3 ·25	24 ·63	3
11	Tues. 8	4 ·28	25 ·68	4
12	Wed. 9	5 ·29	26 ·70	5
13	Thur. 10	6 ·27	27 ·70	6
14	Fri. 11	7 ·24	1 ·68	7
15	Sat. 12	8 ·19	2 ·65	8
16	Sun. 13	9 ·13	3 ·61	9
17	Mon. 14	10 ·06 / 11 ·97	4 ·55	10
18	Tues. 15	12 ·87	5 ·48	11
19	Wed. 16	13 ·77	6 ·41	12
20	Thur. 17	14 ·67	7 ·34	13
21	Fri. 18	**P** ·58	8 ·28	14
22	Sat. 19	1 ·49	9 ·22	15
23	Sun. 20	2 ·42	10 ·17	16
24	Mon. 21	3 ·35	11 ·13	17
25	Tues. 22	4 ·30	12 ·11	18
26	Wed. 23	5 ·27	13 ·10	19
27	Thur. 24	6 ·26	14 ·12	20
28	Fri. 25	7 ·28	15 ·16	21
29	Sat. 26	8 ·31	16 ·21	22
—30	Sun. 27	9 ·36	17 ·28	23
1	Mon. 28	10 ·42	18 ·37	24
2	Tues. 29	11 ·50	19 ·48	25
3	Wed. 30	12 59	20 ·59	26
4	Thur. 31	13 ·68	21 ·70	27
	Feb.			
5	Fri. 1	14 ·76	22 ·79	28
6	Sat. 2	—**A** ·83	23 ·88	29
7	Sun. 3	1 ·88	24 ·95	—30
8	Mon. 4	2 ·91	... ...	1
9	Tues. 5	3 ·92	25 ·00	2
10	Wed. 6	4 ·90	26 ·02	3
11	Thur. 7	5 ·86	27 ·03	4
12	Fri. 8	6 ·81	1 ·01 / 2 ·99	5
13	Sat. 9	7 ·75	3 ·94	6
14	Sun. 10	8 ·68	4 ·89	7
15	Mon. 11	9 ·59	5 ·82	8
16	Tues. 12	10 ·49	6 ·75	9
17	Wed. 13	11 ·39	7 ·69	10
18	Thur. 14	12 ·29	8 ·62	11
19	Fri. 15	13 20	9 ·56	12
20	Sat. 16	14 ·11	10 ·50	13
21	Sun. 17	**P** ·03 / 1 ·96	11 ·46	14
22	Mon. 18	2 91	12 ·48	15
23	Tues. 19	3 ·88	13 ·43	16
24	Wed. 20	4 ·87	14 ·44	17
25	Thur. 21	5 ·19	15 ·47	18
26	Fri. 22	6 ·92	16 ·52	19
27	Sat. 23	7 ·97	17 ·59	20
28	Sun. 24	... ..	18 ·68	21
—29	Mon. 25	8 ·04	19 ·78	22
1	Tues. 26	9 ·12	20 ·89	23
2	Wed. 27	10 ·21	21 ·99	24
3	Thur. 28	11 ·29	... ...	25

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
Sādhārana.				
Mīna—Pāṅguni.				
4	Fri. 1	12 ·37	22 ·09	26
5	Sat. 2	13 ·43	23 ·19	27
6	Sun. 3	14 ·48	24 ·26	28
7	Mon. 4	—**A** ·51	25 ·31	29
8	Tues. 5	1 ·51	26 ·34	—30
9	Wed. 6	2 ·50	27 ·35	1
10	Thur. 7	3 ·48	1 ·35	2
11	Fri. 8	4 ·42	2 ·32	3
12	Sat. 9	5 ·35	3 ·28	4
13	Sun. 10	6 ·27	4 ·22	5
14	Mon. 11	7 ·18	5 ·16	6
15	Tues. 12	8 ·08 / 9 ·98	6 ·09	7
16	Wed. 13	10 ·88	7 ·03 / 8 ·96	8
17	Thur. 14	11 ·78	9 ·89	9
18	Fri. 15	12 ·69	10 ·84	10
19	Sat. 16	13 ·61	11 ·79	11
20	Sun. 17	14 ·55	12 ·77	12
21	Mon. 18	**P** ·49	13 ·75	13
22	Tues. 19	1 ·46	14 ·76	14
23	Wed. 20	2 ·45	15 ·78	15
24	Thur 21	3 ·46	16 ·83	16
25	Fri. 22	4 ·49	17 ·90	17
26	Sat. 23	5 ·54	18 ·98	18
27	Sun. 24	6 ·61	... ...	19
28	Mon. 25	7 ·69	19 ·08	20
29	Tues. 26	8 ·78	20 ·19	21
30	Wed. 27	9 ·86	21 ·29	22
—31	Thur. 28	10 ·93	22 ·40	23
1	Fri. 29	11 ·99	23 ·49	24
2	Sat. 30	... ..	24 ·57	25
3	Sun. 31	12 ·04	25 ·62	26
	April.			
4	Mon. 1	13 ·07	26 ·66	27
5	Tues. 2	14 ·07	27 ·68	28
6	Wed. 3	—**A** ·06	1 ·67	29
7	Thur. 4	1 ·02 / 2 ·97	2 ·65	—30
8	Fri. 5	3 ·90	3 ·61	1
9	Sat. 6	4 ·82	4 ·56	2
10	Sun. 7	5 ·72	5 ·50	3
11	Mon. 8	6 ·62	6 ·44	4
12	Tues. 9	7 ·52	7 ·37	5
13	Wed. 10	8 ·42	8 ·30	6
14	Thur. 11	9 ·32	9 23	7
15	Fri. 12	10 ·23	10 ·17	8
16	Sat. 13	11 ·15	11 ·13	9
17	Sun. 14	12 ·09	12 ·10	10
18	Mon. 15	13 ·04	13 ·08	11
19	Tues. 16	14 ·00 / **P** 98	14 ·08	12
20	Wed. 17	... ...	15 ·10	13
21	Thur. 18	1 ·00	16 ·15	14
22	Fri. 19	2 ·02	17 ·21	15
23	Sat. 20	3 ·07	18 ·29	16
24	Sun. 21	4 ·14	19 ·38	17
25	Mon. 22	5 ·22	20 ·48	18
26	Tues. 23	6 ·30	21 ·60	19
27	Wed. 24	7 ·38	22 ·70	20
28	Thur. 25	8 ·46	23 ·80	21
29	Fri. 26	9 ·52	24 ·88	22
30	Sat. 27	10 ·56	25 ·93	23
—31	Sun. 28	11 ·59	26 ·97	24
1	Mon. 29	12 ·59	... ...	25
2	Tues. 30	13 ·58	27 ·00	26

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
Virodhakṛit.				
Vṛishabha—Vaigāsi.				
3	Wed. 1	14 ·54	1 ·00 / 2 ·98	27
4	Thur. 2	—**A** ·48	3 ·94	28
5	Fri. 3	1 ·41	4 ·89	—29
6	Sat. 4	2 ·35	5 ·84	1
7	Sun. 5	3 ·24	6 ·78	2
8	Mon. 6	4 ·14	7 ·71	3
9	Tues. 7	5 ·03 / 6 ·93	8 ·64	4
10	Wed. 8	7 ·83	9 ·57	5
11	Thur. 9	8 ·74	10 ·52	6
12	Fri. 10	9 ·66	11 ·47	7
13	Sat. 11	10 ·59	12 ·43	8
14	Sun. 12	11 ·54	13 40	9
15	Mon. 13	12 ·51	14 ·40	10
16	Tues. 14	13 ·49	15 ·42	11
17	Wed. 15	14 ·50	16 ·46	12
18	Thur. 16	**P** ·52	17 ·51	13
19	Fri. 17	1 ·57	18 ·59	14
20	Sat. 18	2 ·63	19 ·68	15
21	Sun. 19	3 71	20 ·79	16
22	Mon. 20	4 ·80	21 ·90	17
23	Tues. 21	5 ·88	... ...	18
24	Wed. 22	6 ·95	22 ·00	19
25	Thur. 23	... ...	23 ·10	20
26	Fri. 24	7 ·01	24 ·18	21
27	Sat. 25	8 ·06	25 ·24	22
28	Sun. 26	9 ·09	26 ·30	23
29	Mon. 27	10 ·09	27 ·32	24
30	Tues. 28	11 ·07	1 ·32	25
—31	Wed. 29	12 ·03 / 13 ·97	2 ·31	26
1	Thur. 30	14 ·90	3 ·28	27
2	Fri. 31	—**A** ·82	4 ·24	28
	June.			
3	Sat. 1	1 ·72	5 ·18	29
4	Sun. 2	2 ·62	6 ·12	—30
5	Mon. 3	3 ·52	7 ·05 / 8 ·98	1
6	Tues. 4	4 ·42	9 ·92	2
7	Wed. 5	5 ·32	10 ·85	3
8	Thur. 6	6 ·22	11 ·80	4
9	Fri. 7	7 ·14	12 ·76	5
10	Sat. 8	8 ·07	13 ·73	6
11	Sun. 9	9 ·02 / 10 ·99	14 ·73	7
12	Mon. 10	11 ·97	15 ·74	8
13	Tues. 11	12 ·98	16 ·77	9
14	Wed. 12	... ..	17 ·82	10
15	Thur. 13	13 ·00	18 ·89	11
16	Fri. 14	14 05	19 ·98	12
17	Sat. 15	**P** ·11	... ..	13
18	Sun. 16	1 ·19	20 ·09	14
19	Mon. 17	2 28	21 ·20	15
20	Tues. 18	3 ·36	22 ·30	16
21	Wed. 19	4 ·43	23 ·40	17
22	Thur. 20	5 49	24 ·49	18
23	Fri. 21	6 ·54	25 56	19
24	Sat. 22	7 ·56	26 61	20
25	Sun. 23	8 ·57	27 ·64	21
26	Mon. 24	9 ·55	1 ·65	22
27	Tues. 25	10 ·51	2 ·64	23
28	Wed. 26	11 ·45	3 ·62	24
29	Thur. 27	12 ·37	4 ·57	25
30	Fri. 28	13 ·29	5 ·52	26
31	Sat. 29	14 ·20	6 ·45	27
—32	Sun. 30	**A** 10 / 1 ·99	7 ·88	28

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1611. **Kollam 787,** { **N. Malabar—Sep.** **Hijra 1020.** **Vikrama 1668.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **March 6.** **Bengal San. 1017.**
P—Paurnimā. **(N. Cycle) Raudra.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Virodhakrit.			*Sukla.*		*H.* 1020 *Jamāda'l awwal.*	*Virodhakrit.*			*Sukla.*		*H.* 1020 *Rajab.*	*Virodhakrit.*			*Sukla.*		*H.* 1020 *Ramazān.*
Karkataka—Ādi.			**Nija Āshādha.**			**Kanyā—Purattāsi.**			**Bhādrapada.**			**Vrischika—Kārttigai.**			**Kārttika.**		
1	Mon.	1	2 ·89	8 ·32	—29	1	Sun.	1	5 ·47	16 ·71	3	1	Fri.	1	7 ·97	22 ·80	5
2	Tues.	2	3 ·79	9 ·25	1	2	Mon.	2	6 ·48	17 ·76	4	2	Sat.	2	... ...	23 ·91	6
3	Wed.	3	4 ·70	10 ·19	2	3	Tues.	3	7 51	18 ·82	5	3	Sun.	3	8 ·06	... ...	7
4	Thur.	4	5 ·62	11 ·13	3	4	Wed.	4	8 ·56	19 ·90	3	4	Mon.	4	9 ·14	24 ·01	8
5	Fri.	5	6 ·55	12 ·09	4	5	Thur.	5	9 ·63	20 ·99	7	5	Tues.	5	10 ·21	25 ·10	9
6	Sat.	6	7 ·50	13 ·06	5	6	Fri.	6	10 ·71	... ...	8	6	Wed.	6	11 ·26	26 ·18	10
7	Sun.	7	8 ·46	14 ·05	6	7	Sat.	7	11 ·79	21 ·09	9	7	Thur.	7	12 ·28	27 ·23	11
8	Mon.	8	9 ·45	15 ·06	7	8	Sun.	8	12 ·87	22 ·21	10	8	Fri.	8	13 ·29	1 ·26	12
9	Tues.	9	10 ·46	16 ·08	8	9	Mon.	9	13 ·95	23 ·31	11	9	Sat.	9	14 ·28	2 ·27	13
10	Wed.	10	11 ·48	17 ·13	9	10	Tues.	10	.. .	24 ·41	12	10	Sun.	10	P ·24	3 ·26	14
11	Thur.	11	12 ·53	18 ·20	10	11	Wed.	11	14 ·02	25 ·49	13	11	Mon.	11	1 ·19	4 ·24	15
12	Fri.	12	13 ·59	19 ·29	11	12	Thur.	12	P ·06	26 ·55	14	12	Tues.	12	2 ·13	5 ·20	16
13	Sat.	13	14 ·67	20 ·39	12	13	Fri.	13	1 ·09	27 ·60	15	13	Wed.	13	3 ·05	6 ·15	17
14	Sun.	14	P ·76	21 ·49	13	14	Sat.	14	2 ·09	1 ·62	16	14	Thur.	14	4 ·96	7 ·09	18
15	Mon.	15	1 ·84	22 ·60	14	15	Sun.	15	3 ·08	2 ·62	17	15	Fri.	15	5 ·86	8 ·02	19
16	Tues.	16	2 ·92	23 ·70	15	16	Mon.	16	4 ·04	3 ·61	18				6 ·76	9 ·96	
17	Wed.	17	3 ·98	24 ·80	16				5 ·99								
18	Thur.	18	... ...	25 87	17	17	Tues.	17	*Bahula.* 6 ·92	4 ·57	19	16	Sat.	16	7 ·66	10 ·89	20
19	Fri.	19	4 ·02	26 ·93	18	18	Wed.	18	7 ·84	5 ·52	20	17	Sun.	17	8 ·57	11 ·82	21
20	Sat.	20	5 ·04	27 ·96	19	19	Thur.	19	8 ·75	6 ·48	21	18	Mon.	18	9 ·48	12 ·76	22
21	Sun.	21	6 ·05	1 ·97	20	20	Fri.	20	9 ·65	7 ·42	22	19	Tues.	19	10 ·40	13 ·72	23
22	Mon.	22	7 ·03	2 ·97	21	21	Sat.	21	10 ·55	8 ·34	23	20	Wed.	20	11 ·34	14 ·69	24
			8 ·99			22	Sun.	22	11 ·45	9 ·27	24	21	Thur.	21	12 ·30	15 ·68	25
23	Tues.	23	*Bahula.* 9 ·94	3 ·95	22	23	Mon.	23	12 ·35	10 ·20	25	22	Fri.	22	13 ·27	16 ·68	26
24	Wed.	24	10 ·87	4 ·91	23	24	Tues.	24	13 ·26	11 ·14	26	23	Sat.	23	14 ·26	17 ·70	27
25	Thur.	25	11 ·78	5 ·85	24	25	Wed.	25	14 ·19	12 ·09	27	24	Sun.	24	—A ·28	18 ·74	28
26	Fri.	26	12 ·68	6 ·79	25	26	Thur.	26	—A ·13	13 ·05	28	25	Mon	25	1 ·31	19 ·81	29
27	Sat.	27	13 ·58	7 ·73	26	27	Fri.	27	1 ·08	14 ·03	29	26	Tues.	26	2 ·36	20 ·90	—30
28	Sun.	28	14 ·48	8 ·66	27	28	Sat.	28	2 ·05	15 ·02	—30	27	Wed.	27	3 ·43	21 ·99	1
29	Mon.	29	—A ·38	9 ·59	28	29	Sun.	29	3 ·03	16 ·04	1	28	Thur.	28	4 ·52	... ...	2
30	Tues.	30	1 ·28	10 53	29	30	Mon.	30	4 ·05	17 ·07	2	—29	Fri.	29	5 ·61	22 ·10	3
—31	Wed.	31	2 ·19	11 ·47	—30							1	Sat.	30	6 ·70	23 ·21	4
	Aug.						**Oct.**						**Dec.**				
Virodhakrit.									*Sukla.*			*Virodhakrit.*			*Sukla.*		
Simha—Āvani.			**Śrāvana.**			**Tulā—Aippasi.**			**Āśvina.**		*H.* 1020 *Śha'bán.*	**Dhanus—Mārgali.**			**Mārgaśirsha.**		*H.* 1020 *Shawwál.*
1	Thur.	1	3 ·11	12 ·42	1	—31	Tues.	1	5 ·08	18 ·13	3	2	Sun.	1	7 ·78	24 ·31	5
2	Fri.	2	4 ·04	13 ·39	2	1	Wed.	2	6 ·13	19 ·20	4	3	Mon.	2	8 ·85	25 ·41	6
			Sukla. 5 ·99			2	Thur.	3	7 ·20	20 ·29	5	4	Tues.	3	9 ·89	26 ·48	7
3	Sat.	3	6 ·96	14 ·38	3	3	Fri.	4	8 ·28	21 ·40	6	5	Wed.	4	10 ·92	27 ·54	8
4	Sun.	4	7 ·94	15 ·38	4	4	Sat.	5	9 ·36	22 ·50	7	6	Thur.	5	11 ·93	1 ·58	9
5	Mon.	5	8 ·95	16 ·40	5	5	Sun.	6	10 ·45	23 ·61	8	7	Fri.	6	12 ·91	2 ·59	10
6	Tues.	6	9 ·99	17 ·44	6	6	Mon.	7	11 ·53	24 ·71	9	8	Sat.	7	13 ·88	3 ·60	11
7	Wed.	7	... ...	18 51	7	7	Tues.	8	12 ·60	25 ·79	10	9	Sun.	8	14 83	4 ·57	12
8	Thur.	8	10 ·04	19 ·59	8	8	Wed.	9	13 ·65	26 ·86	11	10	Mon.	9	P ·76	5 ·54	13
9	Fri.	9	11 ·10	20 ·69	9	9	Thur.	10	14 ·67	27 ·91	12	11	Tues	10	1 ·68	6 ·48	14
10	Sat.	10	12 ·17	21 ·79	10	10	Fri.	11	P ·67	1 ·93	13	12	Wed.	11	2 ·59	7 ·42	15
11	Sun.	11	13 ·25	22 ·90	11	11	Sat.	12	1 ·65	2 ·95	14	13	Thur.	12	3 ·50	8 ·36	16
12	Mon.	12	14 34	.. ..	12	12	Sun.	13	2 ·62	3 ·93	15	14	Fri.	13	4 ·41	9 ·29	17
13	Tues.	13	P ·42	23 ·01	13	13	Mon.	14	3 ·57	4 ·90	16	15	Sat.	14	5 ·31	10 ·22	18
14	Wed.	14	1 ·49	24 ·10	14	14	Tues.	15	4 ·51	5 ·86	17	16	Sun.	15	6 ·21	11 ·16	19
15	Thur.	15	2 ·53	25 ·18	15	15	Wed.	16	5 ·43	6 ·81	18	17	Mon.	16	7 ·13	12 ·10	20
16	Fri.	16	3 ·55	26 ·24	16	16	Thur.	17	6 ·34	7 ·75	19				8 05		
17	Sat.	17	4 ·55	27 ·28	17	17	Fri.	18	7 ·24	8 ·68	20	18	Tues.	17	9 ·99	13 ·06	21
18	Sun.	18	5 ·54	1 ·29	18	18	Sat.	19	8 ·14	9 ·61	21	19	Wed	18	10 ·94	14 ·02	22
19	Mon.	19	6 ·50	2 ·30	19				9 ·04			20	Thur.	19	11 ·91	15 ·00	23
20	Tues.	20	7 ·44	3 ·28	20	19	Sun.	20	*Bahula.* 10 ·94	10 ·55	22	21	Fri.	20	12 ·91	16 ·00	24
21	Wed.	21	8 ·37	4 ·24	21	20	Mon.	21	11 ·86	11 ·48	23	22	Sat.	21	13 ·92	17 ·02	25
22	Thur.	22	9 ·29	5 ·19	22	21	Tues.	22	12 ·78	12 ·43	24	23	Sun.	22	14 ·96	18 ·05	26
23	Fri.	23	10 ·20	6 ·13	23	22	Wed.	23	13 ·72	13 ·38	25	24	Mon.	23	... ...	19 ·12	27
				7 ·07		23	Thur.	24	14 ·67	14 ·35	26	25	Tues.	24	—A 02	20 ·20	28
24	Sat.	24	11 ·10	8 ·99	24	24	Fri.	25	—A ·64	15 ·35	27	26	Wed.	25	1 ·09	21 ·29	—29
			12 ·00			25	Sat.	26	1 ·63	16 ·36	28	27	Thur.	26	2 ·17	22 ·40	1
25	Sun.	25	13 ·90	9 ·93	25	26	Sun.	27	2 ·65	17 ·39	—29	28	Fri.	27	3 ·26	23 ·50	2
26	Mon.	26	14 ·80	10 ·86	26	27	Mon.	28	3 ·68	18 ·43	1	—29	Sat.	28	4 ·35	24 ·62	3
27	Tues.	27	—A ·71	11 ·80	27	28	Tues.	29	4 ·73	19 ·50	2	1	Sun.	29	*Sukla.* 5 43	25 ·71	4
28	Wed.	28	1 ·63	12 ·76	28	29	Wed.	30	5 ·80	20 ·60	3	2	Mon.	30	6 ·50	26 ·79	5
29	Thur.	29	2 57	13 ·72	—29	—30	Thur.	31	6 ·88	21 ·70	4	3	Tues.	31	7 ·54	27 ·85	6
30	Fri.	30	3 ·52	14 ·70	1												
—31	Sat.	31	4 ·49	15 ·70	2												

13. Haste. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1612. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 28·10.** **Śaka 1534.** **Kaliyuga 4713.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·02.** **(S. Cycle) Paridhāvin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Virodhakrit.			*Śukla.*						**Phālguna.**						*Śukla.*		
4	Wed.	1	8 ·57	1 ·89	7	4	Sun.	1	9 ·64	6 ·50	8	4	Fri.	1	11 ·14	13 ·73	10
5	Thur.	2	9 ·57	2 ·92	8	5	Mon.	2	10 ·56	7 ·44	9	5	Sat.	2	12 ·05 / 13 ·97	14 ·89	11
6	Fri.	3	10 ·56	3 ·92	9	6	Tues.	3	11 ·47	8 ·38	10						
7	Sat.	4	11 ·53	4 ·90	10	7	Wed.	4	12 ·37	9 ·31	11	6	Sun.	3	14 ·90	15 ·65	12
8	Sun.	5	12 ·48	5 ·87	11	8	Thur.	5	13 ·27	10 ·24	12	7	Mon. ○	4	P ·85	16 ·62	13
9	Mon.	6	13 ·41	6 ·82	12	9	Fri.	6	14 ·17	11 ·18	13	8	Tues.	5	1 ·82	17 ·62	14
10	Tues.	7	14 ·33	7 ·77	13				P ·08			9	Wed.	6	2 ·81	18 ·63	15
11	Wed.	8	P ·24	8 ·70	14	10	Sat.	7	1 ·99	12 ·11	14	10	Thur.	7	3 ·83	19 ·67	16
12	Thur.	9	1 ·15	9 ·63	15	11	Sun.	8	2 ·91	13 ·06	15	11	Fri.	8	4 ·86	20 ·73	17
										14 ·01		12	Sat.	9	5 ·90	21 ·81	18
13	Fri.	10	2 ·05 / 3 ·95	10 ·56	16	12	Mon.	9	3 ·84	15 ·98	16	13	Sun.	10	6 ·96	22 ·90	19
14	Sat.	11	4 ·85	11 ·49	17	13	Tues.	10	4 ·79	16 ·97	17	14	Mon.	11	...	...	20
15	Sun.	12	5 ·77	12 ·43	18	14	Wed.	11	5 ·77	17 ·98	18	15	Tues.	12	7 ·04	23 ·00	21
16	Mon.	13	6 ·69	13 ·39	19	15	Thur.	12	6 ·75	.. ...	19	16	Wed.	13	8 ·18	24 ·11	22
17	Tues.	14	7 ·63	14 ·35	20	16	Fri	13	7 ·77	18 ·00	20	17	Thur.	14	9 ·21	25 ·22	23
18	Wed.	15	8 ·58	15 ·33	21	17	Sat.	14	8 ·80	19 ·05	21	18	Fri.	15	10 ·28	26 ·32	24
19	Thur.	16	9 ·56	16 ·32	22	18	Sun.	15	9 ·85	20 ·11	22	19	Sat.	16	11 ·34	27 ·40	25
20	Fri.	17	10 ·55	17 ·33	23	19	Mon.	16	10 ·92	21 ·21	23	20	Sun.	17	12 ·38	1 ·47	26
21	Sat.	18	11 ·56	18 ·38	24	20	Tues.	17	... ..	22 ·30	24	21	Mon.	18	13 ·41	2 ·51	27
22	Sun.	19	12 ·60	19 43	25	21	Wed.	18	11 ·01	23 ·41	25	22	Tues.	19	14 ·41	3 ·54	28
23	Mon.	20	13 ·66	20 ·50	26	22	Thur.	19	12 ·09	24 ·51	26	23	Wed. ●	20	—A ·39	4 ·54	29
24	Tues.	21	14 ·73	21 ·59	27	23	Fri.	20	13 ·17	25 ·61	27	24	Thur.	21	1 ·35	5 ·53	—30
25	Wed.	22	—A ·81	22 ·70	28	24	Sat.	21	14 ·25	26 ·70	28	25	Fri.	22	2 ·29	6 ·50	1
26	Thur	23	1 ·90	23 ·81	29	25	Sun.	22	—A ·31	27 ·79	29	26	Sat.	23	3 ·22	7 ·45	2
27	Fri.	24	2 ·98	24 ·92	—30	26	Mon.	23	1 ·36	1 ·84	—30	27	Sun.	24	4 ·14	8 ·40	3
28	Sat.	25	... ...	.. ...	1	27	Tues.	24	2 ·38	2 ·88	1						
29	Sun.	26	*Śukla.* 3 ·06	25 ·01	2	28	Wed.	25	3 ·39	3 ·89	2	28	Mon.	25	5 04 / 6 ·94	9 ·34	4
—30	Mon.	27	4 ·12	26 ·10	3	29	Thur.	26	*Śukla.* 4 ·37	4 ·88	3	29	Tues.	26	7 ·84	10 ·26	5
1	Tues.	28	5 ·17	27 ·16	4	—30	Fri.	27	5 ·33	5 ·87	4	30	Wed.	27	8 ·74	11 ·19	6
2	Wed.	29	6 ·20	1 ·22	5	1	Sat.	28	6 ·27	6 ·83	5	—31	Thur.	28	9 ·64	12 ·13	7
3	Thur.	30	7 ·20	2 ·24	6	2	Sun.	29	7 ·20	7 ·78	6	1	Fri.	29	10 ·54	13 ·07	8
4	Fri.	31	8 ·19	3 ·25	7	3	Mon.	30	8 ·12	8 ·72	7				*Śukla.*		
									9 ·02			2	Sat.	30	11 ·46	14 ·02 / 15 ·98	9
						4	Tues.	31	10 ·92	9 ·65	8	3	Sun.	31	12 ·39	16 ·95	10
	Feb.						**April.**						**June.**				
Virodhakrit.						*Paridhāvin.*			*Chaitra.*			*Paridhāvin.*					
5	Sat.	1	9 ·15	4 ·23	8	5	Wed.	1	11 ·82	10 ·59	9	4	Mon.	1	13 ·34	17 ·94	11
6	Sun.	2	10 ·10	5 ·20	9	6	Thur.	2	12 ·72	11 ·52	10	5	Tues.	2	14 ·31	18 ·95	12
7	Mon.	3	11 ·04 / 12 ·96	6 ·15	10	7	Fri.	3	13 ·63	12 ·45	11	6	Wed.	3	P ·30	19 ·99	13
8	Tues.	4	13 ·87	7 ·11	11	8	Sat.	4	14 ·54	13 ·39	12	7	Thur.	4	1 ·30	.. ...	14
				8 ·04		9	Sun.	5	P ·46	14 ·34	13	8	Fri.	5	2 ·34	20 ·04	15
9	Wed.	5	*Māgha.* 14 ·77	9 ·97	12	10	Mon.	6	1 ·39	15 ·32	14	9	Sat.	6	3 ·39	21 ·11	16
10	Thur.	6	P ·67	10 ·90	13	11	Tues.	7	2 ·34	16 ·30	15	10	Sun.	7	4 ·45	22 ·20	17
11	Fri.	7	1 ·57	11 ·83	14	12	Wed.	8	3 ·31	17 ·30	16	11	Mon.	8	5 ·53	23 ·30	18
12	Sat.	8	2 ·48	12 ·78	15	13	Thur.	9	4 ·30	18 ·32	17	12	Tues.	9	6 ·61	24 ·42	19
13	Sun.	9	3 ·39	13 ·72	16	14	Fri.	10	5 ·31	19 ·36	18	13	Wed.	10	7 ·69	25 ·52	20
14	Mon.	10	4 ·31	14 ·68	17	15	Sat.	11	6 ·34	20 ·43	19	14	Thur.	11	8 ·76	26 ·62	21
15	Tues.	11	*Bahula.* 5 ·25	15 ·65	18	16	Sun.	12	*Bahula.* 7 ·39	21 ·51	20	15	Fri.	12	*Bahula.* 9 ·82	27 ·71	22
16	Wed.	12	6 ·20	16 ·64	19	17	Mon.	13	8 ·46	22 ·60	21	16	Sat.	13	10 ·86	1 77	23
17	Thur.	13	7 ·18	17 66	20	18	Tues.	14	9 ·54	23 ·70	22	17	Sun.	14	11 ·89	2 ·83	24
18	Fri.	14	8 ·16	18 ·69	21	19	Wed.	15	10 ·63	24 ·81	23	18	Mon.	15	12 ·89	3 ·86	25
19	Sat.	15	9 ·19	19 ·74	22	20	Thur.	16	11 ·71	25 ·91	24	19	Tues.	16	13 ·87	4 ·87	26
20	Sun.	16	10 ·22	20 81	23	21	Fri.	17	12 78	... ...	25	20	Wed.	17	14 ·83	5 ·86	27
21	Mon.	17	11 ·27	21 ·89	24	22	Sat.	18	13 ·84	26 ·02	26	21	Thur.	18	—A ·77	6 ·83	28
22	Tues.	18	12 ·31	.. ...	25	23	Sun.	19	14 ·89	27 ·10	27	22	Fri.	19	1 ·70	7 ·79	—29
23	Wed.	19	13 ·42	22 ·00	26	24	Mon.	20	—A ·91	1 ·16	28	23	Sat.	20	2 ·61	8 ·74	1
24	Thur.	20	14 ·51	23 ·11	27	25	Tues.	21	1 ·91	2 ·19	—29	24	Sun.	21	3 ·51	9 ·67	2
25	Fri.	21	A ·60	24 ·22	28	26	Wed.	22	2 ·89	3 ·21	1	25	Mon.	22	*Śukla.* 4 ·41	10 ·60	3
26	Sat.	22	1 ·68	25 ·31	—29	27	Thur.	23	3 ·86	4 ·22	2	26	Tues.	23	5 ·31	11 ·53	4
27	Sun.	23	2 ·74	26 ·40	1	28	Fri.	24	*Śukla.* 4 ·80	5 ·20	3	27	Wed.	24	6 ·21	12 ·46	5
28	Mon.	24	3 ·79	27 ·48	2	29	Sat.	25	5 ·73	6 ·16	4	28	Thur.	25	7 ·11	13 ·41	6
29	Tues.	25	*Śukla.* 4 ·81	1 ·53	3	30	Sun.	26	6 ·64	7 ·11	5						
—30	Wed.	26	5 ·81	2 ·56	4	—31	Mon.	27	7 ·54	8 ·05	6	29	Fri.	26	8 ·01 / 9 ·93	14 ·35	7
1	Thur.	27	6 ·80	3 ·57	5	1	Tues	28	8 ·44	9 ·00 / 10 ·93	7	30	Sat.	27	10 ·87	15 ·31	8
2	Fri.	28	7 ·76	4 ·56	6	2	Wed.	29	9 ·34	11 ·86	8	31	Sun.	28	11 ·82	16 ·28	9
3	Sat.	29	8 ·71	5 ·53	7	3	Thur.	30	10 ·24	12 ·79	9	—32	Mon.	29	12 ·79	17 ·26	10
												1	Tues.	30	13 ·77	18 ·28	11

Virodhakrit. **Makara—Tai.** *H.* 1020 *Zi-l-ka'da.* *Virodhakrit.* **Mīna—Pañguni.** *H.* 1021 *Muharram.* *Paridhāvin.* **Vrishabha—Vaigāśi.** *H.* 1021 *Safar.* *Paridhāvin.* **Mithuna—Āni.** *H.* 1021 *Rabī-ul awwal.* *H.* 1021 *Rabī-ul ākhir.* *H.* 1021 *Jamāda'l awwal.*

Naksh:—1 Aswin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1612. **Kollam 788,** { **N. Malabar—Aug.** **Hijra 1021.** **Vikrama 1669.**
A—Amāvāsyā. Commences { **S. Malabar—July.** Commences **Feb. 23.** **Bengal San. 1018.**
P—Paurnimā. **(N. Cycle) Durmati.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Paridhāvin. **Karkaṭaka—Ādi.**	**July.**		*Bahula.*			*Paridhāvin.* **Kanyā—Puraṭṭāśi.**	**Sep.**		*Bahula.*		*H.* 1021 *Rajab.*	*Paridhāvin.* **Vṛśchika—Kārttigai.**	**Nov.**		*Bahula.* **Kart.**		
2	Wed.	1	**14** ·79	19 ·30	12	2	Tues.	1	1 ·20	26 ·52	15	2	Sun.	1	3 ·57	5 ·49	17
3	Thur.	2	**P** ·81	20 ·35	13	3	Wed.	2	2 ·23	27 ·62	16	3	Mon	2	4 ·53	6 ·48	18
4	Fri.	3	1 ·86	21 ·42	14	4	Thur.	3	3 ·33	1 ·71	17	4	Tues.	3	5 ·48	7 ·45	19
5	Sat.	4	2 ·93	22 ·50	15	5	Fri.	4	4 ·37	2 ·77	18	5	Wed.	4	6 ·41	8 ·42	20
6	Sun.	5	... ...	23 ·61	16	6	Sat.	5	5 ·39	3 ·81	19	6	Thur.	5	7 ·33	9 ·37	21
7	Mon.	6	3 ·01	24 ·72	17	7	Sun.	6	6 ·40	4 ·83	20	7	Fri.	6	8 ·24	10 ·30	22
8	Tues.	7	4 ·09	25 ·82	18	8	Mon.	7	7 ·38	5 ·84	21	8	Sat.	7	9 ·14	11 ·24	23
9	Wed.	8	5 ·17	26 ·92	19	9	Tues.	8	8 ·35	6 ·83	22	9	Sun.	8	10 ·04 / 11 ·94	12 ·17	24
10	Thur.	9	6 ·24	... ...	20	10	Wed.	9	9 ·29	7 ·79	23	10	Mon.	9	12 ·84	13 ·10	*H.* 25
11	Fri.	10	7 ·30	27 ·01	21	11	Thur.	10	10 ·21	8 ·74	24	11	Tues.	10	13 ·76	14 ·04 / 15 ·99	26
12	Sat.	11	8 ·34	1 ·09	22	12	Fri.	11	11 ·13	9 ·68	*H.* 1021 *Jamāda'l awwal.*	12	Wed.	11	14 ·69	16 ·93	27
13	Sun.	12	9 ·37	2 ·15	23	13	Sat.	12	12 ·04 / 13 ·95	10 ·63	26	13	Thur.	12	—**A** ·63	17 ·90	28
14	Mon.	13	10 ·37	3 ·18	24	*Paridhāvin.*			14 ·85	11 ·56	27	14	Fri.	13	1 ·58	18 ·89	29
15	Tues.	14	11 ·35	4 ·19	25	14	Sun.	13	—**A** ·75	12 ·49	28	15	Sat.	14	2 ·56	19 ·90	—30
16	Wed	15	12 ·31	5 ·18	26	15	Mon.	14	1 ·65	13 ·42	29	16	Sun.	15	3 ·55	20 ·92	1
17	Thur.	16	13 ·26	6 ·17	27	16	Tues.	15	2 ·55	14 ·36	—30	17	Mon.	16	4 ·56	21 ·93	2
18	Fri.	17	14 ·18	7 ·13	28	17	Wed.	16	3 ·47	15 ·31	1	18	Tues.	17	5 ·60	... ...	3
19	Sat.	18	—**A** ·09	8 ·07	29	18	Thur.	17	4 ·41	16 ·27	2	19	Wed.	18	6 ·65	22 ·03	4
20	Sun.	19	1 ·00 / 2 ·90	9 ·01 / 10 ·94	—30	19	Fri.	18	*Sukla.* 5 ·37	17 ·25	3	*Sukla.*	Thur.	19	7 ·73	23 ·11	5
21	Mon.	20	3 ·79	11 ·87	1	20	Sat.	19	6 ·34	18 ·24	4	20	Fri.	20	8 ·81	24 ·22	6
22	Tues.	21	4 ·69	12 ·81	2	21	Sun.	20	7 ·33	19 .25	5	21	Sat.	21	9 ·91	25 ·32	7
23	Wed.	22	5 ·59	13 ·75	3	22	Mon.	21	8 ·34	20 ·29	6	22	Sun.	22	.. ...	26 ·43	8
24	Thur.	23	6 ·50	14 ·89	4	23	Tues.	22	9 ·38	21 ·35	7	23	Mon.	23	10 ·00	27 ·53	9
25	Fri.	24	7 ·42	15 ·64	5	24	Wed.	23	10 ·43	22 ·42	8	24	Tues.	24	11 ·07	1 ·62	10
26	Sat.	25	8 ·35	16 ·60	6	25	Thur.	24	11 ·51	23 ·51	9	25	Wed.	25	12 ·13	2 ·71	11
27	Sun.	26	9 ·30	17 ·60	7	26	Fri.	25	12 ·59	24 ·61	10	26	Thur.	26	13 ·17	3 ·76	12
28	Mon.	27	10 ·28	18 ·60	8	27	Sat.	26	13 ·67	25 ·71	11	27	Fri.	27	14 ·20	4 ·80	13
29	Tues.	28	11 ·26	19 ·62	9	28	Sun.	27	14 ·76	26 ·83	12	28	Sat.	28	**P** ·21	5 ·81	14
30	Wed.	29	12 ·28	20 ·66	10	29	Mon.	28	**P** ·84	27 ·93	13	—29	Sun.	29	1 ·20	6 ·81	15
—31	Thur.	30	13 ·31	21 ·72	11	30	Tues.	29	1 ·90	... ...	14	1	Mon.	30	2 ·16	7 ·79	16
1	Fri.	31	14 ·36	22 ·81	12	—31	Wed.	30									
	Aug.						**Oct.**						**Dec.**				
2	Sat.	1	**Śrāvaṇa.** **P** ·42	23 ·91	13	1	Thur.	1	2 ·94	1 ·01	15	3	Tues.	1	3 ·11	8 ·75	17
3	Sun.	2	1 ·50	.. ...	14	2	Fri.	2	3 ·96	2 ·08	16	4	Wed.	2	4 ·04 / 5 ·96	9 ·70	18
4	Mon.	3	2 ·59	24 ·01	15	3	Sat.	3	4 ·97	3 ·13	17	*Bahula.*					
5	Tues.	4	3 ·67	25 ·12	16	4	Sun.	4	5 ·95	4 ·16	18	5	Thur.	3	6 ·88	10 ·64	19
6	Wed.	5	4 ·74	26 ·22	17	5	Mon.	5	6 ·92	5 ·17	19	6	Fri.	4	7 ·78	11 ·57	20
7	Thur.	6	5 ·80	27 ·32	18	6	Tues.	6	7 ·87	6 ·15	20	7	Sat.	5	8 ·68	12 ·50	21
8	Fri.	7	6 ·85	1 ·40	19	7	Wed.	7	8 ·80	7 ·12	21	8	Sun.	6	9 ·58	13 ·44	22
9	Sat.	8	7 ·87	2 ·46	20	8	Thur.	8	9 ·71	8 ·08	22	9	Mon.	7	10 ·49	14 ·38	23
10	Sun.	9	8 ·87	3 ·50	21	9	Fri.	9	10 ·62	9 ·03 / 10 ·97	23	10	Tues.	8	11 ·40	15 ·32	24
11	Mon.	10	9 ·85	4 ·51	22	*Paridhāvin.*						11	Wed.	9	12 ·33	16 ·27	25
12	Tues.	11	10 ·81	5 ·51	23	**Tulā—Aippaśi.**						12	Thur.	10	13 ·27	17 ·23	26
13	Wed.	12	11 ·76	6 ·50	24	10	Sat.	10	11 ·52	11 ·90	24	13	Fri.	11	14 ·22	18 ·21	27
14	Thur.	13	12 ·69	7 ·46	25	11	Sun.	11	12 ·42	12 ·83	25	14	Sat.	12	—**A** ·20	19 ·22	28
15	Fri.	14	13 ·61	8 ·41	26	12	Mon.	12	13 ·32	13 ·76	26	15	Sun.	13	1 ·19	20 ·24	—29
16	Sat.	15	14 ·51	9 ·35	27	13	Tues.	13	14 ·22	14 ·70	27	16	Mon.	14	2 ·21	21 ·27	1
17	Sun.	16	—**A** ·41	0 ·28	28	14	Wed.	14	—**A** ·14	15 ·65	28	17	Tues.	15	3 ·25	22 ·33	2
18	Mon.	17	1 ·30	11 ·22	—29	15	Thur.	15	1 ·07	16 ·60	—29	18	Wed.	16	4 ·31	23 ·42	3
19	Tues.	18	2 ·20	12 ·15	1	16	Fri.	16	2 ·01 / 3 ·96	17 ·57	1	19	Thur.	17	5 ·38	24 ·52	4
20	Wed.	19	3 ·11	13 ·08	2	17	Sat.	17	4 ·93	18 ·56	2	*Sukla.* 20	Fri.	18	6 ·46	25 ·62	5
21	Thur.	20	4 ·02 / 5 ·94	14 ·02 / 15 ·97	3	18	Sun.	18	*Sukla.* 5 ·92	19 ·57	3	21	Sat.	19	7 ·55	26 ·72	6
22	Fri.	21	6 ·87	16 ·94	4	19	Mon.	19	6 ·93	20 ·61	4	22	Sun.	20	8 ·54	27 ·83	7
23	Sat.	22	7 ·82	17 ·92	5	20	Tues.	20	7 ·97	21 ·66	5	23	Mon.	21	9 ·72	1 ·93	8
24	Sun.	23	8 ·79	18 ·92	6	21	Wed.	21	.. ..	22 ·72	6	24	Tues.	22	10 ·78	.. .	9
25	Mon.	24	9 ·77	19 ·93	7	22	Thur.	22	8 ·03	23 ·81	7	25	Wed.	23	11 ·83	2 ·01	10
26	Tues.	25	10 ·79	20 ·97	8	23	Fri.	23	9 ·10	24 ·91	8	26	Thur.	24	12 ·85	3 ·07	11
27	Wed.	26	11 ·82	... ...	9	24	Sat.	24	10 ·18	.. ...	9	27	Fri.	25	13 ·86	4 ·11	12
28	Thur.	27	12 ·88	21 ·04	10	25	Sun.	25	11 ·26	25 ·02	10	28	Sat.	26	14 ·85	5 ·13	13
29	Fri.	28	13 ·95	22 ·12	11	26	Mon.	26	12 ·36	26 ·13	11	29	Sun.	27	**P** ·81	6 ·14	14
30	Sat.	29	... ...	23 ·21	12	27	Tues	27	13 ·44	27 ·23	12	—30	Mon.	28	1 ·76	7 ·12	15
—31	Sun.	30	14 ·03	24 ·31	13	28	Wed.	28	14 ·50	1 ·32	13	1	Tues.	29	2 ·69	8 ·09	16
1	Mon.	31	**P** ·11	25 ·42	14	29	Thur ○	29	**P** ·54	2 ·39	14	2	Wed.	30	3 ·61	9 ·04 / 10 ·98	17
						—30	Fri.	30	1 ·57	3 ·45	15	3	Thur.	31	4 ·52	11 ·91	18
						1	Sat.	31	2 ·58	4 ·48	16						

Bhādrapada. *Sukla.* — *Bahula.* — *H.* 1021 *Rajab.* — *H.* 102 *Rajab.* — *H.* 1021 *Ramazān.* — *H.* 1021 *Shawwāl.* — *H.* 1021 *Zi-l-ka'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1613. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·36.** **Śaka 1535.** **Kaliyuga 4714.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·28.** **(S. Cycle) Pramādin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Paridhāvin. **Makara—Tai.** 4	Fri. 1	*Bahula.* 5 ·42	12 ·85	19
5	Sat. 2	6 ·32	13 ·78	20
6	Sun. 3	7 ·22	14 ·71	21
7	Mon. 4	8 ·13	15 ·65	22
8	Tues. 5	9 ·05 / 10 ·97	16 ·60	23
9	Wed. 6	11 ·91	17 ·57	24
10	Thur. 7	12 ·87	18 ·55	25
11	Fri. 8	13 ·85	19 ·54	26
12	Sat. 9	14 ·83	20 ·55	27
13	Sun. 10	—**A** ·85	21 ·59	28
14	Mon. 11	1 ·89	22 ·65	29
15	Tues. 12	2 ·95	23 ·72	—30
16	Wed. 13	... ...	24 ·81	1
17	Thur. 14	3 ·02	25 ·92	2
18	Fri. 15	4 ·11	.. ...	3
19	Sat. 16	*Sukla.* 5 ·20	26 ·02	4
20	Sun. 17	6 ·28	27 ·14	5
21	Mon. 18	7 ·36	1 ·23	6
22	Tues. 19	8 ·43	2 ·32	7
23	Wed. 20	9 ·47	3 ·38	8
24	Thur. 21	10 ·49	4 ·43	9
25	Fri. 22	11 ·50	5 ·45	10
26	Sat. 23	12 ·49	6 ·47	11
27	Sun. 24	13 ·46	7 ·45	12
28	Mon. 25	14 ·40	8 ·42	13
—29	Tues. 26	**Māgha.** **P** ·32	9 ·37	14
1	Wed. 27	1 ·24	10 ·32	15
2	Thur. 28	2 ·15	11 ·26	16
3	Fri. 29	3 ·06 / 4 ·96	12 ·19	17
4	Sat. 30	5 ·86	13 ·12	18
5	Sun. 31	6 ·76	14 ·05 / 15 ·99	19
	Feb.			
Paridhāvin. **Kumbha—Māsi.** 6	Mon. 1	7 ·67	16 ·94	20
7	Tues. 2	*Bahula.* 8 ·60	17 90	21
8	Wed. 3	9 ·54	18 ·87	22
9	Thur. 4	10 ·50	19 ·86	23
10	Fri. 5	11 ·47	20 ·87	24
11	Sat. 6	12 ·48	21 ·91	25
12	Sun. 7	13 ·47	22 ·96	26
13	Mon. 8	14 ·51	... ...	27
14	Tues. 9	—**A** ·57	23 ·03	28
15	Wed. 10	1 ·64	24 ·12	—29
16	Thur. 11	2 ·72	25 ·22	1
17	Fri. 12	3 ·81	26 ·33	2
18	Sat. 13	4 ·90	27 ·44	3
19	Sun. 14	5 ·98	1 ·54	4
20	Mon. 15	... ...	2 ·62	5
21	Tues. 16	*Sukla.* 6 ·05	3 ·69	6
22	Wed. 17	7 ·09	4 ·74	7
23	Thur. 18	8 ·10	5 ·78	8
24	Fri. 19	9 ·11	6 ·79	9
25	Sat. 20	10 ·09	7 ·78	10
26	Sun. 21	11 ·06	8 ·75	11
27	Mon. 22	12 ·01 / 13 ·94	9 ·71	12
28	Tues. 23	**Phālguna.** 14 ·85	10 ·66	13
29	Wed. 24	**P** ·76	11 ·60	14
—30	Thur. 25	1 ·68	12 ·53	15
1	Fri. 26	2 ·56	13 ·46	16
2	Sat. 27	3 ·46	14 ·39	17
3	Sun. 28	4 ·36	15 ·33	18

H. 1021 *Ẓi-l-ka'da.* *H.* 1021 *Ẓi-l-ḥijja.* *H.* 1021 *Muḥarram.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
Paridhāvin. **Mīna—Pāṅguni.** 4	Mon. 1	*Bahula.* 5 ·28	16 ·28	19
5	Tues. 2	6 ·20	17 ·23	20
6	Wed. 3	7 ·13	18 ·20	21
7	Thur. 4	8 ·09	19 ·18	22
8	Fri. 5	9 ·07	20 ·20	23
9	Sat. 6	10 ·06	21 ·22	24
10	Sun. 7	11 ·07	22 ·27	25
11	Mon. 8	12 ·11	23 ·33	26
12	Tues. 9	13 ·16	24 ·42	27
13	Wed. 10	14 ·23	25 ·52	28
14	Thur. 11	—**A** ·31	26 ·63	29
15	Fri. 12	1 ·40	27 ·73	—30
16	Sat. 13	*Sukla.* 2 ·49	1 ·84	1
17	Sun. 14	3 ·57	2 ·93	2
18	Mon. 15	4 ·63	... ...	3
19	Tues. 16	5 ·67	3 ·00	4
20	Wed. 17	6 ·69	4 ·06	5
21	Thur. 18	7 ·69	5 ·10	6
22	Fri. 19	8 ·67	6 ·11	7
23	Sat. 20	9 ·64	7 ·10	8
24	Sun. 21	10 ·58	8 ·08	9
25	Mon. 22	11 ·51	9 ·05	10
26	Tues. 23	**Chaitra.** 12 ·42	10 ·00 / 11 ·94	11
27	Wed. 24	13 ·33	12 ·87	12
28	Thur. 25	14 ·23	13 ·80	13
29	Fri. 26	**P** ·13	14 ·74	14
—30	Sat. 27	1 ·03 / 2 ·93	15 ·67	15
1	Sun. 28	3 ·84	16 ·61	16
2	Mon. 29	4 ·76	17 ·56	17
3	Tues. 30	5 ·70	18 ·53	18
4	Wed. 31	6 ·65	19 ·51	19
	April.			
Pramādin. **Mēsha—Chittirai.** 5	Thur. 1	*Bahula.* 7 ·63	20 ·52	20
6	Fri. 2	8 ·62	21 ·54	21
7	Sat. 3	9 ·62	22 ·58	22
8	Sun. 4	10 ·66	23 ·64	23
9	Mon. 5	11 ·71	24 ·72	24
10	Tues. 6	12 ·79	25 ·82	25
11	Wed. 7	13 ·87	26 ·93	26
12	Thur. 8	14 ·95	.. ...	27
13	Fri. 9	... ...	27 ·03	28
14	Sat. 10	—**A** ·03	1 ·14	—29
15	Sun. 11	1 ·10	2 ·23	1
16	Mon. 12	2 ·17	3 ·32	2
17	Tues. 13	*Sukla.* 3 ·21	4 ·38	3
18	Wed. 14	4 ·23	5 ·41	4
19	Thur. 15	5 ·23	6 ·43	5
20	Fri. 16	6 ·21	7 ·43	6
21	Sat. 17	7 ·17	8 ·42	7
22	Sun. 18	8 ·11	9 ·38	8
23	Mon. 19	9 ·04 / 10 ·95	10 ·33	9
24	Tues. 20	11 ·86	11 ·27	10
25	Wed. 21	12 ·76	12 ·21	11
26	Thur. 22	13 ·66	13 ·15	12
27	Fri. 23	14 ·56	14 ·08	13
28	Sat. 24	**Vaiśākha.** **P** ·46	15 ·01 / 16 ·95	14
29	Sun. 25	1 ·37	17 ·90	15
30	Mon. 26	2 ·29	18 ·86	16
—31	Tues. 27	3 ·22	19 ·84	17
1	Wed. 28	4 ·17	20 ·84	18
2	Thur. 29	5 ·15	21 ·85	19
3	Fri. 30	6 .14	22 ·89	20

H. 1022 *Muharram.* *H.* 1022 *Ṣafar.* *H.* 1022 *Rabi-ul awwal.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
Pramādin. **Vrishabha—Vaigāsi.** 4	Sat. 1	*Bahula.* 7 ·15	23 ·95	21
5	Sun. 2	8 ·18	.. .	22
6	Mon. 3	9 ·23	24 ·03	23
7	Tues. 4	10 30	25 ·12	24
8	Wed. 5	11 ·38	26 ·22	25
9	Thur. 6	12 ·47	27 ·33	26
10	Fri. 7	13 ·55	1 ·43	27
11	Sat. 8	14 ·62	2 ·54	28
12	Sun. 9	—**A** ·68	3 ·62	29
13	Mon. 10	1 ·72	4 ·69	—30
14	Tues. 11	2 ·74	5 ·73	1
15	Wed. 12	3 ·73	6 ·75	2
16	Thur. 13	4 ·72	7 ·76	3
17	Fri. 14	5 ·68	8 ·75	4
18	Sat. 15	6 ·62	9 ·72	5
19	Sun. 16	7 ·54	10 ·67	6
20	Mon. 17	8 ·45	11 ·61	7
21	Tues. 18	9 ·35	12 ·54	8
22	Wed. 19	10 ·25	13 ·48	9
23	Thur. 20	11 ·15	14 ·41	10
24	Fri. 21	12 ·05 / 13 ·95	15 ·34	11
25	Sat. 22	14 ·86	16 ·28	12
26	Sun. 23	**P** ·79	17 ·23	13
27	Mon. 24	1 ·72	18 ·20	14
28	Tues. 25	2 ·67	19 ·17	15
29	Wed. 26	3 ·64	20 ·16	16
30	Thur. 27	4 ·63	21 ·17	17
31	Fri. 28	5 ·64	22 ·20	18
—32	Sat. 29	6 ·67	23 ·26	19
1	Sun. 30	7 ·72	24 ·33	20
2	Mon. 31	8 ·79	25 ·42	21
	June.			
Pramādin. **Mithuna—Āni.** 3	Tues. 1	*Bahula.* 9 ·87	26 ·52	22
4	Wed. 2	10 ·95	27 ·63	23
5	Thur. 3	... ...	1 ·74	24
6	Fri. 4	11 ·03	2 ·84	25
7	Sat. 5	12 ·11	3 ·93	26
8	Sun. 6	13 ·17	... ...	27
9	Mon. 7	14 ·21	4 ·00	28
10	Tues. 8	—**A** ·23	5 ·04	—29
11	Wed. 9	1 ·22	6 ·08	1
12	Thur. 10	2 ·20	7 ·09	2
13	Fri. 11	3 ·15	8 ·08	3
14	Sat. 12	4 ·09	9 ·05	4
15	Sun. 13	*Sukla.* 5 ·02 / 6 ·93	10 ·00 / 11 ·95	5
16	Mon. 14	7 ·83	12 ·89	6
17	Tues. 15	8 ·73	13 ·82	7
18	Wed. 16	9 ·63	14 ·75	8
19	Thur. 17	10 ·53	15 ·68	9
20	Fri. 18	11 ·43	16 ·62	10
21	Sat. 19	12 ·35	17 ·57	11
22	Sun. 20	13 ·27	18 ·53	12
23	Mon. 21	14 ·20	19 ·50	13
24	Tues. 22	**P** ·15	20 ·48	14
25	Wed. 23	1 ·12	21 ·49	15
26	Thur. 24	2 ·11	22 ·52	16
27	Fri. 25	3 ·12	23 ·57	17
28	Sat. 26	4 ·15	24 ·64	18
29	Sun. 27	5 ·20	25 ·72	19
30	Mon. 28	6 ·26	26 ·82	20
—31	Tues. 29	7 ·34	27 ·94	21
1	Wed. 30	8 ·43	... ...	22

H. 1022 *Rabi-ul ākhir.* *H.* 1022 *Jamāda'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1613. **Kollam 789,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1022.** Commences **Feb. 11.** **Vikrama 1670.** **Bengal San. 1019.** **(N. Cycle) Dundubhi.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
2	Thur.	1	9 ·51	1 ·04	23	1	Wed.	1	12 ·65	8 ·05	26	2	Mon.	1	14 ·32	15 ·39	28
3	Fri.	2	10 ·58	2 ·14	24	2	Thur.	2	13 ·60	9 ·05	27	3	Tues.	2	—**A** ·22	16 ·31	29
4	Sat.	3	11 ·64	3 ·23	25					10 ·01 }		4	Wed.	3	1 ·12	17 ·25	—30
5	Sun.	4	12 ·68	4 ·30	26	3	Fri.	3	14 ·53	11 ·96 }	28				2 ·04 }		
6	Mon.	5	13 ·70	5 ·36	27	4	Sat.	4	—**A** ·44	12 ·90	29	5	Thur.	4	3 ·97 }	18 ·20	1
7	Tues.	6	14 ·70	6 ·40	28	5	Sun.	5	1 ·34	13 ·84	—30	6	Fri.	5	4 ·91	19 ·15	2
8	Wed.	7	—**A** ·68	7 ·41	29	6	Mon.	6	2 ·24	14 ·78	1	7	Sat.	6	5 ·87	20 ·12	3
9	Thur.	8	1 ·63	8 ·40	—30	7	Tues.	7	3 ·14	15 ·71	2	8	Sun.	7	6 ·84	21 ·11	4
10	Fri.	9	2 ·57	9 ·38	1				4 ·04 }			9	Mon.	8	7 ·84	22 ·11	5
11	Sat.	10	3 ·50	10 ·34	2	8	Wed.	8	5 ·94 }	16 ·64	3	10	Tues.	9	8 ·86	23 ·14	6
12	Sun.	11	4 ·41	11 ·29	3	9	Thur.	9	6 ·86	17 ·58	4	11	Wed.	10	9 ·89	24 ·18	7
13	Mon.	12	5 ·31	12 ·23	4	10	Fri.	10	7 ·78	18 ·52	5	12	Thur.	11	10 ·95	25 ·25	8
14	Tues.	13	6 ·21	13 ·16	5	11	Sat.	11	8 ·72	19 ·49	6	13	Fri.	12	... ...	26 ·33	9
15	Wed.	14	7 ·11	14 ·09	6	12	Sun.	12	9 ·67	20 ·47	7	14	Sat.	13	11 ·03	27 ·43	10
			8 ·01 }	15 ·02 }		13	Mon.	13	10 ·65	21 ·46	8	15	Sun.	14	12 ·11	1 ·54	11
16	Thur.	15	9 ·91 }	16 ·96 }	7	14	Tues	14	11 ·64	22 ·47	9	16	Mon.	15	13 ·19	2 ·65	12
17	Fri.	16	10 ·82	17 ·91	8	15	Wed.	15	12 ·66	23 ·50	10	17	Tues.	16	14 ·28	3 ·75	13
18	Sat.	17	11 ·74	18 ·86	9	16	Thur.	16	13 ·69	24 ·56	11	18	Wed.	17	**P** ·36	4 ·84	14
19	Sun.	18	12 ·67	19 ·82	10	17	Fri.	17	14 ·74	25 ·64	12	19	Thur.	18	1 ·42	5 ·92	15
20	Mon.	19	13 ·63	20 ·81	11	18	Sat.	18	**P** ·81	26 ·73	13	20	Fri.	19	2 ·47	6 ·98	16
21	Tues	20	14 ·60	21 ·82	12	19	Sun.	19	1 ·89	27 ·83	14	21	Sat.	20	3 ·49	... ...	17
22	Wed.	21	**P** ·59	22 ·84	13	20	Mon.	20	2 ·98	1 ·93	15	22	Sun.	21	4 ·50	7 ·02	18
23	Thur.	22	1 ·60	23 ·88	14	21	Tues.	21	... ...	... ...	16	23	Mon.	22	5 ·48	8 ·03	19
24	Fri.	23	2 ·64	24 ·94	15	22	Wed.	22	3 ·06	2 ·04	17	24	Tues.	23	6 ·44	9 ·03	20
25	Sat.	24	3 ·69	.. ...	16	23	Thur.	23	4 ·14	3 ·15	18					10 ·00 }	
26	Sun.	25	4 ·75	25 ·02	17	24	Fri.	24	5 ·20	4 ·23	19	25	Wed.	24	7 ·39	11 ·96 }	21
27	Mon.	26	5 ·83	26 ·13	18	25	Sat.	25	6 ·24	5 ·30	20	26	Thur.	25	8 ·32	12 ·92	22
28	Tues.	27	6 ·92	27 ·23	19	26	Sun	26	7 ·27	6 ·35	21	27	Fri.	26	9 ·24	13 ·86	23
29	Wed.	28	... ...	1 ·34	20	27	Mon.	27	8 ·27	7 ·37	22	28	Sat.	27	10 ·15	14 ·79	24
30	Thur.	29	7 ·00	2 ·44	21	28	Tues.	28	9 ·25	8 ·39	23				11 ·06 }		
31	Fri.	30	8 ·07	3 ·53	22	29	Wed.	29	10 ·21	9 ·37	24	29	Sun.	28	12 ·98 }	15 ·72	25
—32	Sat.	31	9 ·13	4 ·61	23	—30	Thur.	30	11 ·16	10 ·34	25	—30	Mon.	29	13 ·86	16 ·65	26
												1	Tues.	30	14 ·76	17 ·60	27
	Aug.						**Oct.**						**Dec.**				
1	Sun.	1	10 ·17	5 ·68	24	1	Fri.	1	12 ·09	11 ·30	26	2	Wed.	1	—**A** ·67	18 ·54	28
2	Mon.	2	11 ·20	6 ·72	25				13 ·00 }			3	Thur.	2	1 ·60	19 ·49	—29
3	Tues.	3	12 ·19	7 ·73	26	2	Sat.	2	14 ·91 }	12 ·24	27	4	Fri.	3	2 ·55	20 ·45	1
4	Wed.	4	13 ·17	8 ·73	27	3	Sun.	3	—**A** ·81	13 ·19	28	5	Sat.	4	3 ·51	21 ·43	2
5	Thur.	5	14 ·13	9 ·71	28	4	Mon.	4	1 ·71	14 ·12	29	6	Sun.	5	4 ·48	22 ·44	3
6	Fri.	6	—**A** ·07	10 ·68	—29					15 ·05 }		7	Mon.	6	5 ·48	23 ·46	4
			1 ·00 }			5	Tues.	5	2 ·61	16 ·98 }	1	8	Tues.	7	6 ·50	24 ·49	5
7	Sat.	7	2 ·91 }	11 ·63	1	6	Wed.	6	3 ·52	17 ·91	2	9	Wed.	8	7 ·54	25 ·55	6
8	Sun.	8	3 ·82	12 ·57	2	7	Thur.	7	4 ·43	18 ·86	3	10	Thur.	9	8 ·59	26 ·63	7
9	Mon.	9	4 ·72	13 ·50	3	8	Fri.	8	5 ·36	19 ·82	4	11	Fri.	10	9 ·66	27 ·74	8
10	Tues.	10	5 ·61	14 ·43	4	9	Sat.	9	6 ·30	20 ·79	5	12	Sat.	11	10 ·75	1 ·84	9
11	Wed.	11	6 ·51	15 ·37	5	10	Sun.	10	7 ·25	21 ·78	6	13	Sun.	12	11 ·84	2 ·94	10
12	Thur.	12	7 ·41	16 ·30	6	11	Mon.	11	8 ·23	22 ·79	7	14	Mon.	13	12 ·93	... ...	11
13	Fri.	13	8 ·33	17 ·24	7	12	Tues.	12	9 ·22	23 ·82	8	15	Tues.	14	...	3 ·05	12
14	Sat.	14	9 ·25	18 ·19	8	13	Wed.	13	10 ·24	24 ·88	9	16	Wed.	15	13 ·01	4 ·14	13
15	Sun.	15	10 ·18	19 ·15	9	14	Thur.	14	11 ·27	25 ·94	10	17	Thur.	16	14 ·07	5 ·22	14
16	Mon.	16	11 ·13	20 ·14	10	15	Fri.	15	12 ·33	... ...	11	18	Fri.	17	**P** ·11	6 ·29	15
17	Tues.	17	12 ·10	21 ·14	11	16	Sat.	16	13 ·40	26 ·03	12	19	Sat.	18	1 ·14	7 ·33	16
18	Wed.	18	13 ·10	22 ·18	12	17	Sun.	17	14 ·48	27 ·13	13	20	Sun.	19	2 ·14	8 ·35	17
19	Thur.	19	14 ·11	23 ·19	13	18	Mon. ○	18	**P** ·57	1 ·23	14	21	Mon.	20	3 ·12	9 ·35	18
20	Fri.	20	**P** ·15	24 ·25	14	19	Tues.	19	1 ·65	2 ·35	15	22	Tues.	21	4 ·08	10 ·33	19
21	Sat.	21	1 ·20	25 ·33	15	20	Wed.	20	2 ·73	3 ·45	16				5 ·03 }		
22	Sun.	22	2 ·27	26 ·43	16	21	Thur.	21	3 ·79	4 ·54	17	23	Wed.	22	6 ·96 }	11 ·31	20
23	Mon.	23	3 ·35	27 ·53	17	22	Fri.	22	4 ·84	5 ·61	18	24	Thur.	23	7 ·88	12 ·26	21
24	Tues.	24	4 ·43	1 ·64	18	23	Sat.	23	5 ·87	6 ·66	19	25	Fri.	24	8 ·79	13 ·20	22
25	Wed.	25	5 ·51	2 ·74	19	24	Sun.	24	6 ·87	7 ·70	20	26	Sat.	25	9 ·69	14 ·13	23
26	Thur.	26	6 ·58	3 ·84	20	25	Mon.	25	7 ·85	8 ·71	21	27	Sun.	26	10 ·59	15 ·06	24
27	Fri.	27	7 ·64	4 ·93	21	26	Tues.	26	8 ·81	9 ·70	22					16 ·00 }	
28	Sat.	28	8 ·69	5 ·99	22	27	Wed.	27	9 ·76	10 ·67	23	28	Mon.	27	11 ·50	17 ·93 }	25
29	Sun	29	9 ·72	... ...	23	28	Thur.	28	10 ·69	11 ·63	24	—29	Tues.	28	12 ·41	18 ·87	26
30	Mon.	30	10 ·71	6 ·03	24	29	Fri.	29	11 ·61	12 ·58	25	1	Wed.	29	13 ·33	19 ·82	27
—31	Tues.	31	11 ·69	7 ·05	25	—30	Sat.	30	12 ·52	13 ·52	26	2	Thur.	30	14 ·25	20 ·78	28
						1	Sun.	31	13 ·42	14 ·46	27	3	Fri.	31	—**A** ·19	21 ·77	29

Pramādin. **Karkataka—Ādi.** *Śukla.* *Śrāvaṇa.* *Bahula.* *H.* 1022 *Jomāda'l ākhir.*

Pramādin. **Kanyā—Purattāśi.** *Śukla.* *Āśvina.* *Bahula.* *H.* 1022 *Śha'bān.*

Pramādin. **Tulā—Aippaśi.** *Śukla.* *Kārttika.* *Bahula.* *H.* 1022 *Ramaẓān.*

Pramādin. **Vṛśchika—Kārttigai.** *Śukla.* *Mārgaśirsha.* *Bahula.* *H.* 1022 *Shawwāl.*

Pramādin. **Dhanus—Mārgali.** *Śukla.* *Pausha.* *Bahula.* *H.* 1022 *Zi-l-ka'da.*

Pramādin. **Siṁha—Āvaṇi.** *Śukla.* *Bhādrapada.* *Bahula.* *H.* 1022 *Rajab.*

13. Hasta. **14.** Chit. **15.** Svāti. **16.** Viśāk. **17.** Anur. **18.** Jyesh. **19.** Mūla. **20.** P. Ash. **21.** U. Ash. **22.** Śrav. **23.** Dhani. **24.** Śatab.

A.D. 1614. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·62.** **Śaka 1536.** **Kaliyuga 4715.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·54.** **(S. Cycle) Ānanda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Sat.	1	1 ·15	22 ·76	—30	4	Tues.	1	1 ·41	26 ·55	—29	4	Sun.	1	3 ·95	5 ·75	1
5	Sun.	2	2 ·12	23 ·77	1	5	Wed.	2	2 ·47	27 ·64	30	5	Mon.	2	... ...	6 ·83	2
6	Mon.	3	3 ·13	24 ·81	2	6	Thur.	3	3 ·54	1 ·73	1	6	Tues.	3	4 ·00	7 ·91	3
7	Tues.	4	4 ·14	25 ·86	3	7	Fri.	4	4 ·62	2 ·84	2	7	Wed.	4	5 ·04	8 ·95	4
8	Wed.	5	5 ·18	26 ·94	4	8	Sat.	5	5 ·71	3 ·95	3	8	Thur.	5	6 ·06	9 ·97	5
9	Thur.	6	6 ·24	... ...	5	9	Sun.	6	6 ·80	... ...	4	9	Fri.	6	7 ·06	10 ·97	6
10	Fri.	7	7 ·31	27 ·03	6	10	Mon.	7	7 ·88	4 ·06	5	10	Sat.	7	8 ·04	11 ·96	7
11	Sat.	8	8 ·39	1 ·14	7	11	Tues.	8	8 ·94	5 ·15	6				9 ·99		
12	Sun.	9	9 ·48	2 ·24	8	12	Wed.	9	9 ·98	6 ·22	7	11	Sun.	8	10 ·93	12 ·94	8
13	Mon.	10	10 ·57	3 ·35	9	13	Thur.	10	... ...	7 ·27	8	12	Mon.	9	11 ·86	13 ·89	9
14	Tues.	11	11 ·65	4 ·44	10	14	Fri.	11	10 ·00	8 ·32	9	13	Tues.	10	12 ·77	14 ·83	10
15	Wed.	12	12 ·71	5 ·54	11				11 ·99			14	Wed.	11	13 ·67	15 ·76	11
16	Thur.	13	13 ·76	6 ·60	12	15	Sat.	12	12 ·97	9 ·33	10	15	Thur.	12	14 ·57	16 ·69	12
17	Fri.	14	14 ·79	7 ·65	13	16	Sun.	13	13 ·93	10 ·32	11	16	Fri.	13	☽ ·47	17 ·63	13
18	Sat.	15	☽ ·78	8 ·67	14	17	Mon.	14	14 ·87	11 ·30	12	17	Sat.	14	1 ·37	18 ·57	14
19	Sun.	16	1 ·77	9 ·68	15	18	Tues.	15	☽ ·80	12 ·26	13	18	Sun.	15	2 ·27	19 ·50	15
20	Mon.	17	2 ·73	10 ·67	16	19	Wed.	16	1 ·72	13 ·21	14	19	Mon.	16	3 ·18	20 ·45	16
21	Tues.	18	3 ·67	11 ·64	17	20	Thur.	17	2 ·63	14 ·16	15	20	Tues.	17	4 ·10	21 ·41	17
22	Wed.	19	4 ·60	12 ·59	18	21	Fri.	18	3 ·53	15 ·09	16	21	Wed.	18	5 ·04	22 ·39	18
23	Thur.	20	5 ·52	13 ·54	19					16 ·02					6 ·99		
24	Fri.	21	6 ·44	14 ·47	20	22	Sat.	19	4 ·43	17 ·95	17	22	Thur.	19	7 ·96	23 ·38	19
25	Sat.	22	7 ·34	15 ·41	21	23	Sun.	20	5 ·33	18 ·88	18	23	Fri.	20	8 ·91	24 ·39	20
26	Sun.	23	8 ·24	16 ·34	22	24	Mon.	21	6 ·23	19 ·83	19	24	Sat.	21	9 ·97	25 ·42	21
27	Mon.	24	9 ·14	17 ·27	23	25	Tues.	22	7 ·14	20 ·78	20	25	Sun.	22	... ...	26 ·47	22
28	Tues.	25	10 ·05	18 ·21	24	26	Wed.	23	8 ·07	21 ·75	21	26	Mon.	23	10 ·00	27 ·55	23
			11 ·96						9 ·01			27	Tues.	24	11 ·05	1 ·64	24
—29	Wed.	26	12 ·88	19 ·15	25	27	Thur.	24	10 ·97	22 ·73	22	28	Wed.	25	12 ·12	2 ·74	25
1	Thur.	27	13 ·83	20 ·12	26	28	Fri.	25	11 ·94	23 ·73	23	29	Thur.	26	13 ·20	3 ·85	26
2	Fri.	28	14 ·79	21 ·09	27	29	Sat.	26	12 ·92	24 ·76	24	30	Fri.	27	14 ·28	4 ·95	27
3	Sat.	29	—A ·77	22 ·08	28	30	Sun.	27	13 ·94	25 ·80	25	31	Sat.	28	—A ·36	... ...	28
4	Sun.	30	1 ·76	23 ·09	29	—31	Mon.	28	14 ·97	26 ·86	26	—32	Sun.	29	1 ·43	5 ·05	—29
5	Mon.	31	2 ·77	24 ·12	—30	1	Tues.	29	... .	27 ·94	27	1	Mon.	30	2 ·49	6 ·15	1
						2	Wed.	30	—A ·03	... ...	28	2	Tues.	31	3 ·53	7 ·22	2
						3	Thur.	31	1 ·10	1 ·03	—29						
	Feb.						**April.**						**June.**				
6	Tues.	1	3 ·81	25 ·17	1	4	Fri.	1	2 ·19	2 ·15	1	3	Wed.	1	4 ·55	8 ·26	3
7	Wed.	2	4 ·87	26 ·25	2	5	Sat.	2	3 ·27	3 ·25	2	4	Thur.	2	5 ·54	9 ·29	4
8	Thur.	3	5 ·95	27 ·34	3	6	Sun.	3	4 ·35	4 ·36	3	5	Fri.	3	6 ·52	10 ·30	5
9	Fri.	4	... ..	1 ·43	4	7	Mon.	4	5 ·42	5 ·45	4	6	Sat.	4	7 ·48	11 ·30	6
10	Sat.	5	6 ·03	2 ·54	5	8	Tues.	5	6 ·48	6 ·53	5	7	Sun.	5	8 ·42	12 ·27	7
11	Sun.	6	7 ·12	3 ·65	6	9	Wed.	6	7 ·53	7 ·60	6	8	Mon.	6	9 ·34	13 ·22	8
12	Mon.	7	8 ·20	4 ·76	7	10	Thur.	7	8 ·55	8 ·63	7	9	Tues.	7	10 ·25	14 ·17	9
13	Tues.	8	9 ·28	5 ·84	8	11	Fri.	8	9 ·54	9 ·65	8	10	Wed.	8	11 ·15	15 ·10	10
14	Wed.	9	10 ·34	6 ·91	9	12	Sat.	9	10 ·52	10 ·65	9				12 ·05	16 ·04	
15	Thur.	10	11 ·38	7 ·96	10	13	Sun.	10	11 ·48	11 ·63	10	11	Thur.	9	13 ·95	17 ·97	11
16	Fri.	11	12 ·41	8 ·99	11	14	Mon.	11	12 ·42	12 ·59	11	12	Fri.	10	14 ·85	18 ·90	12
17	Sat.	12	13 ·40	.. ...	12	15	Tues.	12	13 ·34	13 ·55	12	13	Sat.	11	☽ ·75	19 ·84	13
18	Sun.	13	14 ·38	9 ·01	13	16	Wed.	13	14 ·26	14 ·49	13	14	Sun.	12	1 ·66	20 ·78	14
				10 ·00		17	Thur.	○14	☽ ·17	15 ·43	14	15	Mon.	13	2 ·58	21 ·75	15
19	Mon.	14	☽ ·34	11 ·97	14				1 ·07			16	Tues.	14	3 ·52	22 ·72	16
20	Tues.	15	1 ·29	12 ·93	15	18	Fri.	15	2 ·97	16 ·36	15	17	Wed.	15	4 ·47	23 ·70	17
21	Wed.	16	2 ·22	13 ·87	16	19	Sat.	16	3 ·86	17 ·29	16	18	Thur.	16	5 ·45	24 ·71	18
22	Thur.	17	3 ·14	14 ·82	17	20	Sun.	17	4 ·76	18 ·23	17	19	Fri.	17	6 ·44	25 ·73	19
23	Fri.	18	4 ·05	15 ·75	18	21	Mon.	18	5 ·67	19 ·17	18	20	Sat.	18	7 ·44	26 ·78	20
			5 ·95			22	Tues.	19	6 ·60	20 ·11	19	21	Sun.	19	8 ·48	27 ·86	21
24	Sat.	19	6 ·85	16 ·68	19	23	Wed.	20	7 ·54	21 ·08	20	22	Mon.	20	9 ·53	1 ·94	22
25	Sun.	20	7 ·75	17 ·61	20	24	Thur.	21	8 ·49	22 ·05	21	23	Tues.	21	10 ·60	... ...	23
26	Mon.	21	8 ·65	18 ·54	21	25	Fri.	22	9 ·46	23 ·06	22	24	Wed.	22	11 ·68	2 ·04	24
27	Tues.	22	9 ·57	19 ·50	22	26	Sat.	23	10 ·46	24 ·07	23	25	Thur.	23	12 ·76	3 ·15	25
28	Wed.	23	10 ·50	20 ·45	23	27	Sun.	24	11 ·47	25 ·11	24	26	Fri.	24	13 ·84	4 ·25	26
29	Thur.	24	11 ·44	21 ·42	24	28	Mon.	25	12 ·50	26 ·17	25	27	Sat.	25	14 ·91	5 ·36	27
—30	Fri.	25	12 ·40	22 ·40	25	29	Tues.	26	13 ·55	27 ·24	26	28	Sun.	26	—A ·97	6 ·45	28
1	Sat.	26	13 ·37	23 ·41	26	—30	Wed.	27	14 ·62	1 ·34	27	29	Mon.	27	. .	7 ·52	29
2	Sun.	27	14 ·36	24 ·43	27	1	Thur.	28	—A ·70	2 ·44	28	30	Tues.	28	1 ·01	8 ·58	—30
3	Mon.	28	—A ·38	25 ·49	28	2	Fri.	29	1 ·79	3 ·55	29	—31	Wed.	29	2 ·03	9 ·61	1
						3	Sat.	30	2 ·88	4 ·65	—30	1	Thur.	30	3 ·03	10 ·68	2

Pramādin. **Makara—Tai.** *Bahula.* **Māgha.** *Sukla.* *Pramādin.* **Kumbha—Māśi.** *Bahula.* **Phālguna.** *Sukla.* *Pramādin.* **Mīna—Paṅguni.** *Bahula.* **Chaitra.** *Sukla.* *Ānanda.* **Mēsha—Chittirai.** *Bahula.* **Vaiśākha.** *Sukla.* *Ānanda.* **Vrishabha—Vaigāśi.** *Bahula.* **Adhika Jyeshtha.** *Sukla.* *Ānanda.* **Mithuna—Āni.** *Bahula.* **Nija Jyeshtha.** *Sukla.*

H. 1022 *Zi-l-hijja.* *H.* 1023 *Muharram.* *H.* 1023 *Safar.* *H.* 1023 *Rabi-ul awwal.* *H.* 1023 *Rabi-ul ākhir.* *H.* 1023 *Jamāda'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1614. **Kollam 790,** { **N. Malabar—Sep.** **Hijra 1023.** **Vikrama 1671.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 1.** **Bengal San. 1020.**
P—Paurnimā. **(N. Cycle) Rudhirodgārin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Ānanda. **Karkataka—Ādi.** 2	Fri. 1	4 ·01 / 5 ·96 *Sukla.*	11 ·62	3
3	Sat. 2	6 ·90	12 ·60	4
4	Sun. 3	7 ·82	13 ·56	5
5	Mon. 4	8 ·73	14 ·50	6
6	Tues. 5	9 ·63	15 ·45	7
7	Wed. 6	10 ·53	16 ·38	8
8	Thur. 7	11 ·43	17 ·31	9
9	Fri. 8	12 ·33	18 ·24	10
10	Sat. 9	13 ·23	19 ·18	11
11	Sun. 10	14 ·14	20 ·13	12
12	Mon. 11	☽ ·06	21 ·08	13
13	Tues. 12	1 ·00 / 2 ·95 *Bahula.*	22 ·04	14
14	Wed. 13	3 ·93	23 ·03	15
15	Thur. 14	4 ·91	24 ·03	16
16	Fri. 15	5 ·93	25 ·05	17
17	Sat. 16	6 ·96	26 ·10	18
18	Sun. 17	... ...	27 ·16	19
19	Mon. 18	7 ·01	1 ·24	20
20	Tues. 19	8 ·08	2 ·34	21
21	Wed. 20	9 ·16	3 ·44	22
22	Thur. 21	10 ·25	4 ·56	23
23	Fri. 22	11 ·33	5 ·66	24
24	Sat. 23	12 ·40	6 ·75	25
25	Sun. 24	13 ·46	7 ·83	26
26	Mon. 25	14 ·50	8 ·89	27
27	Tues. 26	—**A** ·51	9 ·94	28
28	Wed. 27	1 ·50	10 ·95	—29
29	Thur. 28	2 ·48	11 ·95	1
30	Fri. 29	3 ·44	12 ·93	2
31	Sat. 30	4 ·38 *Sukla.*	13 ·89	3
—32	Sun. 31	5 ·30	14 ·85	4
	Aug.			
Ānanda. **Simha—Āvani.** 1	Mon. 1	6 ·22	15 ·79	5
2	Tues. 2	7 ·12	16 ·72	6
3	Wed. 3	8 ·02 / 9 ·92	17 ·65	7
4	Thur. 4	10 ·81	18 ·58	8
5	Fri. 5	11 ·72	19 ·51	9
6	Sat. 6	12 ·63	20 ·46	10
7	Sun. 7	13 ·56	21 ·41	11
8	Mon. 8	14 ·50	22 ·37	12
9	Tues. 9	☽ ·45	23 ·35	13
10	Wed. 10	1 ·42	24 ·35	14
11	Thur. 11	2 ·41	25 ·37	15
12	Fri. 12	3 ·43	26 ·41	16
13	Sat. 13	4 ·46	27 ·47	17
14	Sun. 14	5 ·52	1 ·55	18
15	Mon. 15	6 ·59	2 ·64	19
16	Tues. 16	7 ·67	3 ·75	20
17	Wed. 17	8 ·75	4 ·68	21
18	Thur. 18	9 ·83	5 ·96	22
19	Fri. 19	10 ·91 *Bahula.*	... ...	23
20	Sat. 20	11 ·97	6 ·06	24
21	Sun. 21	... ..	7 ·14	25
22	Mon. 22	12 ·01	8 ·21	26
23	Tues. 23	13 ·03	9 ·25	27
24	Wed. 24	14 ·03	10 ·27	28
25	Thur. 25	**A** ·00 / 1 ·96	11 ·27	29
26	Fri. 26	2 ·90	12 ·26	—30
27	Sat. 27	3 ·83	13 ·22	1
28	Sun. 28	4 ·74	14 ·18	2
29	Mon. 29	5 ·64 *Sukla.*	15 ·12	3
30	Tues. 30	6 ·54	16 ·06 / 17 ·99	4
—31	Wed. 31	7 ·44	18 ·92	5

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
1	Thur. 1	8 ·34	19 ·86	6
Ānanda. **Kanyā—Purattāsi.** 2	Fri. 2	9 ·25 *Sukla.*	20 ·80	7
3	Sat. 3	10 ·16	21 ·74	8
4	Sun. 4	11 ·08	22 ·70	9
5	Mon. 5	12 ·02 / 13 ·98	23 ·68	10
6	Tues. 6	14 ·95	24 ·68	11
7	Wed. 7	☽ ·95	25 ·69	12
8	Thur. 8	1 ·96	26 ·72	13
9	Fri. 9	2 ·99	27 ·78	14
10	Sat. 10	... ...	1 ·85	15
11	Sun. 11	3 ·05	2 ·95	16
12	Mon. 12	4 ·13 *Bahula.*	... ...	17
13	Tues. 13	5 ·21	3 ·05	18
14	Wed. 14	6 ·30	4 ·16	19
15	Thur. 15	7 ·48	5 ·26	20
16	Fri. 16	8 ·45	6 ·36	21
17	Sat. 17	9 ·51	7 ·45	22
18	Sun. 18	10 ·55	8 ·52	23
19	Mon. 19	11 ·57	9 ·57	24
20	Tues. 20	12 ·57	10 ·59	25
21	Wed. 21	13 ·55	11 ·60	26
22	Thur. 22	14 ·51	12 ·58	27
23	Fri. ● 23	—**A** ·45	13 ·56	28
24	Sat. 24	1 ·38 *Sukla.*	14 ·52	—29
25	Sun. 25	2 ·29	15 ·46	1
26	Mon. 26	3 ·20	16 ·40	2
27	Tues. 27	4 ·11	17 ·33	3
28	Wed. 28	5 ·01 / 6 ·91	18 ·27	4
29	Thur. 29	7 ·81	19 ·20	5
—30	Fri. 30	8 ·71	20 ·13	6
	Oct.			
1	Sat. 1	9 ·65	21 ·08	7
Ānanda. **Tulā—Aippasi.** 2	Sun. 2	10 ·59	22 ·03	8
3	Mon. 3	11 ·55	23 ·01	9
4	Tues. 4	12 ·52	24 ·00	10
5	Wed. 5	13 ·52	25 ·01	11
6	Thur. 6	14 ·54	26 ·04	12
7	Fri. ○ 7	☽ ·58	27 ·09	13
8	Sat. 8	1 ·64	1 ·16	14
9	Sun. 9	2 ·71 *Bahula.*	2 ·25	15
10	Mon. 10	3 ·79	3 ·35	16
11	Tues. 11	4 ·87	4 ·45	17
12	Wed. 12	5 ·95	5 ·56	18
13	Thur. 13	... ...	6 ·66	19
14	Fri. 14	6 ·03	7 ·76	20
15	Sat. 15	7 ·10	8 ·83	21
16	Sun. 16	8 ·14	9 ·88	22
17	Mon. 17	9 ·17	10 ·91	23
18	Tues. 18	10 ·16	11 ·92	24
19	Wed. 19	11 ·14	12 ·92	25
20	Thur. 20	12 ·10	13 ·89	26
21	Fri. 21	13 ·04 / 14 ·97 *Sukla.*	14 ·85	27
22	Sat. 22	—**A** ·89	15 ·80	28
23	Sun. 23	1 ·80	16 ·73	29
24	Mon. 24	2 ·70	17 ·63	—30
25	Tues. 25	3 ·60	18 ·60	1
26	Wed. 26	4 ·50	19 ·53	2
27	Thur. 27	5 ·41	20 ·47	3
28	Fri. 28	6 ·33	21 ·41	4
29	Sat. 29	7 ·25	22 ·37	5
—30	Sun. 30	8 ·19	23 ·34	6
1	Mon. 31	9 ·15	24 ·33	7

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
2	Tues. 1	10 ·13	25 ·33	8
Ānanda. **Vrischika—Kārttigai.** 3	Wed. 2	11 ·13	26 ·35	9
4	Thur. 3	12 ·14	27 ·40	10
5	Fri. 4	13 ·18	1 ·47	11
6	Sat. 5	14 ·24	2 ·55	12
7	Sun. 6	☽ ·32	3 ·65	13
8	Mon. 7	1 ·40 *Bahula.*	4 ·75	14
9	Tues. 8	2 ·49	5 ·86	15
10	Wed. 9	3 ·58	6 ·97	16
11	Thur. 10	4 ·65	... ...	17
12	Fri. 11	5 ·71	7 ·06	18
13	Sat. 12	6 ·78	8 ·14	19
14	Sun. 13	7 ·79	9 ·19	20
15	Mon. 14	8 ·78	10 ·23	21
16	Tues. 15	9 ·77	11 ·25	22
17	Wed. 16	10 ·73	12 ·25	23
18	Thur. 17	11 ·67	13 ·22	24
19	Fri. 18	12 ·60	14 ·18	25
20	Sat. 19	13 ·51	15 ·13	26
21	Sun. 20	14 ·42	16 ·08	27
22	Mon. 21	—**A** ·33	17 ·01 / 18 ·94	28
23	Tues. 22	1 ·23	19 ·87	—29
24	Wed. 23	2 ·13	20 ·81	1
25	Thur. 24	3 ·04 / 4 ·96	21 ·76	2
26	Fri. 25	5 ·88	22 ·71	3
27	Sat. 26	6 ·82	23 ·67	4
28	Sun. 27	7 ·79	24 ·65	5
29	Mon. 28	8 ·77 *Sukla.*	25 ·65	6
—30	Tues. 29	9 ·76	26 ·67	7
1	Wed. 30	10 ·79	27 ·72	8
	Dec.			
2	Thur. 1	11 ·83	1 ·77	9
Ānanda. **Dhanus—Mārgali.** 3	Fri. 2	12 ·89	2 ·85	10
4	Sat. 3	13 ·97	3 ·95	11
5	Sun. 4	... ...	... ...	12
6	Mon. 5	14 ·05	4 ·05	13
7	Tues. 6	☽ ·14	5 ·17	14
8	Wed. 7	1 ·22	6 ·27	15
9	Thur. 8	2 ·30	7 ·36	16
10	Fri. 9	3 ·36 *Bahula.*	8 ·44	17
11	Sat. 10	4 ·40	9 ·50	18
12	Sun. 11	5 ·43	10 ·55	19
13	Mon. 12	6 ·42	11 ·57	20
14	Tues. 13	7 ·41	12 ·57	21
15	Wed. 14	8 ·37	13 ·55	22
16	Thur. 15	9 ·32	14 ·52	23
17	Fri. 16	10 ·25	15 ·48	24
18	Sat. 17	11 ·17	16 ·42	25
19	Sun. 18	12 ·07 / 13 ·97	17 ·35	26
20	Mon. 19	14 ·87	18 ·28	27
21	Tues. 20	—**A** ·77	19 ·21	28
22	Wed. 21	1 ·68	20 ·15	29
23	Thur. 22	2 ·60	21 ·09	—30
24	Fri. 23	3 ·53	22 ·04	1
25	Sat. 24	4 ·47 *Sukla.*	23 ·00 / 24 ·98	2
26	Sun. 25	5 ·43	25 ·97	3
27	Mon. 26	6 ·41	26 ·99	4
28	Tues. 27	7 ·41	... ...	5
—29	Wed. 28	8 ·43	27 ·03	6
1	Thur. 29	9 ·47	1 ·08	7
2	Fri. 30	10 ·53	2 ·16	8
3	Sat. 31	11 ·61	3 ·25	9

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1615. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·87.** **Śaka 1537.** **Kaliyuga 4716.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·79.** **(S. Cycle) Rākshasa.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Ananda. **Makara—Tai.** 4	Sun. 1	**Pausha.** 12 ·69	4 ·38	10
5	Mon. 2	13 ·78	5 ·46	11
6	Tues. 3	14 ·86	6 ·57	12
7	Wed. 4	P ·94	7 ·67	13
8	Thur. 5	...	8 ·75	14
9	Fri. 6	1 ·00	9 ·82	15
10	Sat. 7	2 ·05	10 ·87	16
11	Sun. 8	3 ·07	11 ·89	17
12	Mon. 9	4 ·07	12 ·90	18
13	Tues. 10	5 ·05	13 ·88	19
14	Wed. 11	*Bahula.* 6 ·01 / 7 ·96	14 ·86	20
15	Thur. 12	8 ·89	15 ·81	21
16	Fri. 13	9 ·81	16 ·76	22
17	Sat. 14	10 ·71	17 ·69	23
18	Sun. 15	11 ·61	18 ·62	24
19	Mon. 16	12 ·51	19 ·55	25
20	Tues. 17	13 ·42	20 ·49	26
21	Wed. 18	14 33	21 ·43	27
22	Thur. 19	—A ·24	22 ·37	28
23	Fri. 20	1 ·17	23 ·33	—29
24	Sat. 21	2 ·12	24 ·30	1
25	Sun. 22	3 ·08	25 ·30	2
26	Mon. 23	4 ·05	26 ·31	3
27	Tues. 24	5 ·04	27 ·34	4
28	Wed. 25	6 ·07	1 ·39	5
29	Thur. 26	*Sukla.* 7 ·11	2 ·46	6
—30	Fri. 27	8 ·17	3 ·56	7
1	Sat. 28	9 ·24	4 ·66	8
2	Sun. 29	10 ·33	5 ·76	9
3	Mon. 30	11 ·42	6 ·87	10
4	Tues. 31	12 ·50	7 ·97	11
	Feb.			
Ananda. **Kumbha—Māgi.** 5	Wed. 1	**Māgha.** 13 ·57	... ...	12
6	Thur. 2	14 ·63	8 ·06	13
7	Fri. 3	MāghP ·68	9 ·13	14
8	Sat. 4	1 ·70	10 ·18	15
9	Sun. 5	2 ·70	11 ·21	16
10	Mon. 6	3 ·68	12 ·22	17
11	Tues. 7	4 ·64	13 ·22	18
12	Wed. 8	5 ·58	14 ·19	19
13	Thur. 9	6 ·51	15 ·15	20
14	Fri. 10	*Bahula.* 7 ·43	16 ·09	21
15	Sat. 11	8 ·34	17 ·03 / 18 ·96	22
16	Sun. 12	9 ·24	19 ·90	23
17	Mon. 13	10 ·14	20 ·83	24
18	Tues. 14	11 ·04 / 12 ·95	21 ·76	25
19	Wed. 15	13 86	22 ·71	26
20	Thur. 16	14 ·79	23 ·66	27
21	Fri. 17	—A ·73	24 ·64	28
22	Sat. 18	1 ·69	25 ·62	29
23	Sun. 19	2 ·66	26 ·63	—30
24	Mon. 20	3 ·66	27 ·65	1
25	Tues. 21	4 ·68	1 ·70	2
26	Wed. 22	*Sukla.* 5 ·73	2 ·77	3
27	Thur. 23	6 ·79	3 ·86	4
28	Fri. 24	7 ·86	4 ·95	5
—29	Sat. 25	8 ·94	... ...	6
1	Sun. 26	.. ...	5 ·06	7
2	Mon. 27	9 ·03	6 ·17	8
3	Tues. 28	10 ·11	7 ·28	9

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
Ananda. **Mina—Pañguni.** 4	Wed. 1	**Phālguna.** 11 ·18	8 ·37	10
5	Thur. 2	12 ·24	9 ·44	11
6	Fri. 3	13 ·28	10 ·49	12
7	Sat. 4	P ·29	11 ·53	13
8	Sun. 5	14 ·29	12 ·54	14
9	Mon. 6	1 ·27	13 ·54	15
10	Tues. 7	2 ·24	14 ·52	16
11	Wed. 8	3 ·18	15 ·48	17
12	Thur. 9	4 ·11	16 ·43	18
13	Fri. 10	*Bahula.* 5 ·02 / 6 ·92	17 ·37	19
14	Sat. 11	7 ·82	18 ·31	20
15	Sun. 12	8 ·72	19 ·24	21
16	Mon. 13	9 ·62	20 ·17	22
17	Tues. 14	10 ·53	21 ·10	23
18	Wed. 15	11 ·45	22 ·04	24
19	Thur. 16	12 ·37	23 ·00 / 24 ·97	25
20	Fri. 17	13 ·31	25 ·95	26
21	Sat. 18	14 ·27	26 ·95	27
22	Sun. ● 19	—A ·24	27 ·97	28
23	Mon. 20	1 ·24	.. ...	—29
24	Tues. 21	2 ·26	1 ·02	1
25	Wed. 22	3 ·30	2 ·08	2
26	Thur. 23	4 ·36	3 ·16	3
27	Fri. 24	5 ·43	4 ·25	4
28	Sat. 25	*Sukla.* 6 ·51	5 ·36	5
29	Sun. 26	7 ·59	6 ·46	6
30	Mon. 27	8 ·67	7 58	7
—31	Tues. 28	9 ·74	8 ·67	8
1	Wed. 29	10 ·80	9 ·75	9
2	Thur. 30	11 ·84	10 ·81	10
3	Fri. 31	12 ·86	11 ·84	11
	April.			
Rākshasa. **Mēsha—Chittirai.** 4	Sat. 1	**Chaitra.** 13 ·86	12 ·87	12
5	Sun. 2	14 ·84	13 ·87	13
6	Mon. 3	P ·79	14 ·85	14
7	Tues. 4	1 ·73	15 ·81	15
8	Wed. 5	2 ·66	16 ·76	16
9	Thur. 6	3 ·57	17 ·71	17
10	Fri. 7	4 ·47	18 ·65	18
11	Sat. 8	5 ·37	19 ·57	19
12	Sun. 9	6 ·27	20 ·50	20
13	Mon. 10	7 ·17	21 ·44	21
14	Tues. 11	*Bahula.* 8 ·07 / 9 ·99	22 ·39	22
15	Wed. 12	10 ·91	23 ·33	23
16	Thur. 13	11 ·85	24 ·30	24
17	Fri. 14	12 ·80	25 ·27	25
18	Sat. 15	13 ·78	26 ·27	26
19	Sun. 16	14 ·77	27 ·29	27
20	Mon. 17	—A ·78	1 ·33	28
21	Tues. 18	1 ·82	2 ·39	29
22	Wed. 19	2 ·88	3 ·46	—30
23	Thur. 20	3 ·95	4 ·55	1
24	Fri. 21	... ...	5 ·65	2
25	Sat. 22	*Sukla.* 4 ·03	6 ·77	3
26	Sun. 23	5 ·12	7 ·88	4
27	Mon. 24	6 ·20	8 ·97	5
28	Tues. 25	7 ·27	.. ...	6
29	Wed. 26	8 ·33	9 ·05	7
30	Thur. 27	9 ·37	10 ·12	8
—31	Fri. 28	10 ·38	11 ·17	9
1	Sat. 29	11 ·37	12 ·19	10
2	Sun. 30	12 ·35	13 ·19	11

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
Rākshasa. **Vrishabha—Vaigāsi.** 3	Mon. 1	13 ·31	14 ·18	12
4	Tues. 2	14 ·25	15 ·14	13
5	Wed. 3	P ·17	16 ·11	14
6	Thur. 4	*Bahula.* 1 ·08 / 2 ·98	17 ·05 / 18 ·98	15
7	Fri. 5	3 ·88	19 ·91	16
8	Sat. 6	4 ·78	20 ·84	17
9	Sun. 7	5 ·68	21 ·78	18
10	Mon. 8	6 ·59	22 ·72	19
11	Tues. 9	7 ·50	23 ·67	20
12	Wed. 10	8 ·42	24 ·63	21
13	Thur. 11	9 ·35	25 ·60	22
14	Fri. 12	10 ·30	26 ·59	23
15	Sat. 13	11 ·29	27 ·61	24
16	Sun. 14	12 ·28	1 ·64	25
17	Mon. 15	13 ·29	2 ·69	26
18	Tues. 16	14 ·33	3 ·76	27
19	Wed. 17	—A ·38	4 ·85	28
20	Thur. 18	1 ·45	5 ·96	—29
21	Fri. 19	2 ·53	... ...	1
22	Sat. 20	3 ·62	6 ·07	2
23	Sun. 21	4 ·70	7 ·17	3
24	Mon. 22	*Sukla.* 5 ·77	8 ·27	4
25	Tues. 23	6 ·82	9 ·36	5
26	Wed. 24	7 ·86	10 ·44	6
27	Thur. 25	8 ·88	11 ·48	7
28	Fri. 26	9 ·87	12 ·51	8
29	Sat. 27	10 ·85	13 ·52	9
30	Sun. 28	11 ·80	14 ·51	10
—31	Mon. 29	12 ·74	15 ·49	11
1	Tues. 30	13 ·66	16 ·44	12
2	Wed. 31	14 ·57	17 ·39	13
	June.			
Rākshasa. **Mithuna—Āni.** 3	Thur. 1	P ·47	18 ·32	14
4	Fri. 2	1 ·37	19 ·25	15
5	Sat. 3	2 ·27	20 ·19	16
6	Sun. 4	3 ·17	21 ·12	17
7	Mon. 5	*Bahula.* 4 ·07 / 5 ·98	22 ·06	18
8	Tues. 6	6 ·90	23 ·00 / 24 ·96	19
9	Wed. 7	7 ·83	25 ·93	20
10	Thur. 8	8 ·79	26 ·92	21
11	Fri. 9	9 ·77	27 ·93	22
12	Sat. 10	10 ·75	1 ·95	23
13	Sun. 11	11 ·77	... ...	24
14	Mon. 12	12 ·81	2 ·00	25
15	Tues. 13	13 ·86	3 ·07	26
16	Wed. 14	14 ·93	4 ·16	27
17	Thur. 15	.. ...	5 ·26	28
18	Fri. 16	—A ·01	6 ·37	29
19	Sat. 17	1 ·10	7 ·47	—30
20	Sun. 18	2 ·18	8 ·57	1
21	Mon. 19	3 ·25	9 ·67	2
22	Tues. 20	*Sukla.* 4 ·30	10 ·74	3
23	Wed. 21	5 ·34	11 ·80	4
24	Thur. 22	6 ·35	12 ·83	5
25	Fri. 23	7 ·35	13 ·84	6
26	Sat. 24	8 ·32	14 ·84	7
27	Sun 25	9 ·28	15 ·82	8
28	Mon. 26	10 ·21	16 ·78	9
29	Tues. 27	11 ·13	17 ·72	10
30	Wed. 28	*Sukla.* 12 ·04 / 13 ·95	18 ·66	11
31	Thur. 29	14 ·85	19 ·59	12
—32	Fri. 30	P ·75	20 ·53	13

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1615. **Kollam 791,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1024.** Commences **Jan. 21.** **Vikrama 1672.** **Bengal San. 1021.** **(N. Cycle) Raktāksha.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Rākshasa. **Karkataka—Ādi.**	**July.**		*Sukla.* **Āshāḍha.**		*H.* 1024 *Jamāda'l ākhir.*	*Rākshasa.* **Kanya—Purattāśi.**	**Sep.**		*Sukla.* **Bhād.**		*H.* 1024 *Śha'bān.*	*Rākshasa.* **Vṛiśchika—Kārttigai.**	**Nov.**		*Bahula.*		*H.* 1024 *Shawwāl.*
1	Sat.	1	1 ·64	21 ·46	14	1	Fri.	1	4 ·26	2 ·94	17	1	Wed.	1	6 ·79	... ...	19
2	Sun.	2	2 ·54	22 ·39	15	2	Sat.	2	5 ·27	.. ...	18	2	Thur.	2	7 ·87	8 ·08	20
3	Mon.	3	3 ·45	23 ·34	16	3	Sun.	3	6 ·31	3 ·00	19	3	Fri.	3	8 ·95	9 ·18	21
4	Tues.	4	4 ·37	24 ·29	17	4	Mon.	4	7 ·37	4 ·07	20	4	Sat.	4	...	10 ·28	22
5	Wed.	5	5 ·31	25 ·26	18	5	Tues.	5	8 ·44	5 ·16	21	5	Sun.	5	9 ·01	11 ·36	23
6	Thur.	6	6 ·27	26 ·25	19	6	Wed.	6	9 ·52	6 ·27	22	6	Mon.	6	10 ·05	12 ·41	24
7	Fri.	7	7 ·25	27 ·25	20	7	Thur.	7	10 ·61	7 ·38	23	7	Tues.	7	11 ·07	13 ·45	25
8	Sat.	8	8 ·24	1 ·27	21	8	Fri.	8	11 ·69	8 ·48	24	8	Wed.	8	12 ·07	14 ·46	26
9	Sun.	9	9 ·25	2 ·31	22	9	Sat.	9	12 ·76	9 ·58	25	9	Thur.	9	13 ·05	15 ·47	27
10	Mon.	10	10 ·29	3 ·38	23	10	Sun.	10	13 ·82	10 ·66	26	10	Fri.	10	14 ·01	16 ·44	28
11	Tues.	11	11 ·34	4 ·46	24	11	Mon.	11	14 ·86	11 ·73	27				A ·95		
12	Wed.	12	12 ·41	5 ·56	25	12	Tues.	12	A ·88	12 ·79	28	11	Sat.	11	1 ·87	17 ·40	29
13	Thur.	13	13 ·49	6 ·66	26	13	Wed.	13	1 ·87	13 ·81	29	12	Sun.	12	2 ·79	18 ·35	1
14	Fri.	14	14 ·58	7 ·77	27	14	Thur.	14	2 ·85	14 ·82	1	13	Mon.	13	3 ·70	19 ·29	2
15	Sat.	15	A ·66	8 ·88	28	15	Fri.	15	3 ·81	15 ·80	2	14	Tues.	14	4 ·60	20 ·23	3
16	Sun.	16	1 ·73	9 ·98	29	16	Sat.	16	4 ·75	16 ·77	3	15	Wed.	15	5 ·50	21 ·16	4
17	Mon.	17	2 ·79	... ...	1	17	Sun.	17	5 ·67	17 ·74	4	16	Thur.	16	6 ·40	22 ·09	5
18	Tues.	18	3 ·82	10 ·05	2	18	Mon.	18	6 ·58	18 ·68	5	17	Fri.	17	7 ·31	23 ·02	6
19	Wed.	19	4 ·83	11 ·11	3	19	Tues.	19	7 ·49	19 ·62	6					24 ·97	
20	Thur.	20	5 ·83	12 ·15	4	20	Wed.	20	8 ·39	20 ·55	7	18	Sat.	18	8 ·23	25 ·92	7
21	Fri.	21	6 ·81	13 ·17	5	21	Thur.	21	9 ·29	21 ·48	8	19	Sun.	19	9 ·16	26 ·89	8
22	Sat.	22	7 ·76	14 ·17	6	22	Fri.	22	10 ·19	22 ·42	9	20	Mon.	20	10 ·10	27 ·87	9
23	Sun.	23	8 ·70	15 ·15	7	23	Sat.	23	11 ·10	23 ·35	10	21	Tues.	21	11 ·07	1 ·87	10
24	Mon.	24	9 ·62	16 ·11	8	24	Sun.	24	12 ·01	24 ·30	11	22	Wed.	22	12 ·05	2 ·89	11
25	Tues.	25	10 ·53	17 ·06	9				13 ·94			23	Thur.	23	13 ·05	3 ·93	12
26	Wed.	26	11 ·43	18 ·00	10	25	Mon.	25	14 ·88	25 ·25	12	24	Fri.	24	14 ·08	4 ·99	13
27	Thur.	27	12 ·33	19 ·94	11	26	Tues.	26	P ·84	26 ·22	13	25	Sat.	25	P ·12	... ...	14
28	Fri.	28	13 ·23	20 ·87	12	27	Wed.	27	1 ·83	27 ·22	14	26	Sun.	26	1 ·18	5 ·07	15
29	Sat.	29	14 ·13	21 ·80	13	28	Thur.	28	2 ·82	1 ·23	15	27	Mon.	27	2 ·25	6 ·17	16
30	Sun.	30	P ·03	22 ·73	14	29	Fri.	29	3 ·84	2 ·26	16	28	Tues.	28	3 ·34	7 ·27	17
			1 ·94	23 ·67		30	Sat.	30	4 ·88	3 ·31	17	29	Wed.	29	4 ·43	8 ·38	18
31	Mon.	31	2 ·86	24 ·63	15							1	Thur.	30	5 ·51	9 ·49	19
Rākshasa. **Siṁha—Āvaṇi.**	**Aug.**		*Bahula.* **Śrāvaṇa.**		*H.* 1024 *Rajab.*		**Oct.**						**Dec.**				
1	Tues.	1	3 ·80	25 ·59	16	31	Sun.	1	5 ·93	4 ·37	18	2	Fri.	1	6 ·59	10 ·58	20
2	Wed.	2	4 ·76	26 ·57	17	1	Mon.	2	... ...	5 ·46	19	3	Sat.	2	7 ·65	11 ·66	21
3	Thur.	3	5 ·74	27 ·57	18	2	Tues.	3	6 ·01	6 ·57	20	4	Sun.	3	8 ·69	12 ·72	22
4	Fri.	4	6 ·73	1 ·58	19	3	Wed.	4	7 ·09	7 ·67	21	5	Mon.	4	9 ·71	13 ·76	23
5	Sat.	5	7 ·74	2 ·63	20	4	Thur.	5	8 ·18	8 ·78	22	6	Tues.	5	10 ·71	14 ·79	24
6	Sun.	6	8 ·78	3 ·69	21	5	Fri.	6	9 ·26	9 ·88	23	7	Wed.	6	11 ·69	15 ·79	25
7	Mon.	7	9 ·84	4 ·77	22	6	Sat.	7	10 ·34	10 ·97	24	8	Thur.	7	12 ·65	16 ·77	26
8	Tues.	8	10 ·91	5 ·86	23	7	Sun.	8	11 ·40	.. ...	25	9	Fri.	8	13 ·59	17 ·74	27
9	Wed.	9	11 ·99	6 ·96	24	8	Mon.	9	12 ·45	11 ·05	26	10	Sat.	9	14 ·51	18 ·69	28
10	Thur.	10	... ...	... ...	25	9	Tues.	10	13 ·46	12 ·10	27	11	Sun.	10	A ·43	19 ·63	29
11	Fri.	11	12 ·08	7 ·08	26	10	Wed	11	14 ·45	13 ·13	28	12	Mon.	11	1 ·34	20 ·57	30
12	Sat.	12	13 ·16	8 ·18	27	11	Thur.	12	A ·43	14 ·14	29	13	Tues.	12	2 ·25	21 ·50	1
13	Sun.	13	14 ·23	9 ·28	28	12	Fri.	13	1 ·39	15 ·13	30	14	Wed.	13	3 ·15	22 ·43	2
14	Mon.	14	A ·29	10 ·36	29	13	Sat.	14	2 ·33	16 ·11	1	15	Thur.	14	4 ·05	23 ·36	3
15	Tues.	15	1 ·33	11 ·42	30	14	Sun.	15	3 ·26	17 ·07	2				5 ·96		
16	Wed.	16	2 ·34	12 ·46	1	15	Mon.	16	4 ·18	18 ·02	3	16	Fri.	15	6 ·88	24 ·30	4
17	Thur.	17	3 ·33	13 ·49	2					19 ·95		17	Sat.	16	7 ·80	25 ·26	5
18	Fri.	18	4 ·31	14 ·49	3	16	Tues.	17	5 ·08	20 ·88	4	18	Sun.	17	8 ·75	26 ·22	6
19	Sat.	19	5 ·27	15 ·47	4				6 ·98			19	Mon.	18	9 ·71	27 ·19	7
20	Sun.	20	6 ·21	16 ·44	5	17	Wed.	18	7 ·88	21 ·82	5	20	Tues.	19	10 ·69	1 ·19	8
21	Mon.	21	7 ·13	17 ·39	6	18	Thur.	19	8 ·78	22 ·75	6	21	Wed.	20	11 ·70	2 ·20	9
22	Tues.	22	8 ·04	18 ·34	7	19	Fri.	20	9 ·69	23 ·69	7	22	Thur.	21	12 ·72	3 ·25	10
			9 ·94			20	Sat.	21	10 ·61	24 ·63	8	23	Fri.	22	13 ·76	4 ·30	11
23	Wed.	23	10 ·84	19 ·28	8	21	Sun.	22	11 ·54	25 ·58	9	24	Sat.	23	14 ·82	5 ·38	12
24	Thur.	24	11 ·74	20 ·21	9	22	Mon.	23	12 ·48	26 ·55	10	25	Sun.	24	P ·90	6 ·47	13
25	Fri.	25	12 ·64	21 ·14	10	23	Tues.	24	13 ·43	27 ·55	11	26	Mon.	25	1 ·98	7 ·57	14
26	Sat.	26	13 ·54	22 ·07	11	24	Wed.	25	14 ·42	1 ·55	12	27	Tues.	26	... ...	8 ·68	15
27	Sun.	27	14 ·46	23 ·02	12	25	Thur.	26	P ·42	2 ·57	13	28	Wed.	27	2 ·08	9 ·79	16
				24 ·96		26	Fri.	27	1 ·45	3 ·61	14	29	Thur.	28	3 ·16	10 ·89	17
28	Mon.	28	P ·39	25 ·92	13	27	Sat.	28	2 ·49	4 ·68	15	1	Fri.	29	4 ·23	11 ·97	18
29	Tues.	29	1 33	26 ·90	14	28	Sun.	29	3 ·54	5 ·77	16	2	Sat.	30	5 ·29	.. .	19
30	Wed.	30	2 ·29	27 ·89	15	29	Mon.	30	4 ·61	6 ·87	17	3	Sun.	31	6 ·34	12 ·03	20
31	Thur.	31	3 ·27	1 ·91	16	30	Tues.	31	5 ·70	7 ·97	18						
Rākshasa. **Bhādrapada.**			*Sukla.*		*H.* 1024 *Sha'bān.*	*Rākshasa.* **Tulā—Aippaśi.**			*Sukla.* **Kārttika.**		*H.* 1024 *Ramażān.*	*Rākshasa.* **Dhanus—Mārgali.**			*Sukla.* **Pausha.**		*H.* 1024 *Shawwāl.*

13. Hasta. **14.** Chit. **15.** Svāti. **16.** Viśāk. **17.** Anur. **18.** Jyesh. **19.** Mūla. **20.** P. Ash. **21.** U. Ash. **22.** Śrav. **23.** Dhani. **24.** Satab.

A.D. 1616. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 28·13.** **Śaka 1538.** **Kaliyuga 4717.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·05.** **(S. Cycle) Anala.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Rākshasa. **Makara—Tai.**	**Jan.**			
4	Mon. 1	7 ·36	13 ·09	21
5	Tues. 2	8 ·35	14 ·11	22
6	Wed. 3	9 ·33	15 ·12	23
7	Thur. 4	10 ·29	16 ·10	24
8	Fri. 5	11 ·23	17 ·07	25
9	Sat. 6	12 ·16	18 ·02 / 19 ·97	26
10	Sun. 7	13 ·08 / 14 ·99	20 ·91	27
11	Mon. 8	—A ·89	21 ·84	28
12	Tues. 9	1 ·79	22 ·77	—29
13	Wed. 10	2 ·69	23 ·70	1
14	Thur. 11	3 ·60	24 ·65	2
15	Fri. 12	4 ·52	25 ·59	3
16	Sat. 13	5 ·45	26 ·55	4
17	Sun. 14	6 ·39	27 ·52	5
18	Mon. 15	7 ·35	1 ·51	6
19	Tues. 16	8 ·33	2 ·53	7
20	Wed. 17	9 ·34	3 ·56	8
21	Thur. 18	10 ·36	4 ·61	9
22	Fri. 19	11 ·40	5 ·68	10
23	Sat. 20	12 ·46	6 ·77	11
24	Sun. 21	13 ·54	7 ·88	12
25	Mon. 22	14 ·63	8 ·98	13
26	Tues. 23	P ·72	... ...	14
27	Wed. 24	1 ·80	9 ·09	15
28	Thur. 25	2 ·87	10 ·19	16
29	Fri. 26	3 ·93	11 ·27	17
—30	Sat. 27	4 ·97	12 ·34	18
1	Sun. 28	5 ·99	13 ·39	19
2	Mon. 29	6 ·98	14 ·43	20
3	Tues. 30	7 ·96	15 ·44	21
4	Wed. 31	8 ·22	16 ·43	22
		Sukla. **Māgha.**		*H.* 1025 *Muharram.*
		Bahula.		
	Feb.			
5	Thur. 1	9 ·86	17 ·40	23
6	Fri. 2	10 ·79	18 ·37	24
7	Sat. 3	11 ·71	19 ·31	25
8	Sun. 4	12 ·62	20 ·25	26
9	Mon. 5	13 ·52	21 ·18	27
10	Tues. 6	14 ·42	22 ·11	28
11	Wed. 7	—A ·32	23 ·05 / 24 ·98	29
12	Thur. 8	1 ·22	25 ·93	—30
13	Fri. 9	2 ·14	26 ·88	1
14	Sat. 10	3 ·07	27 ·85	2
15	Sun. 11	4 ·02 / 5 ·98	1 ·84	3
16	Mon. 12	6 ·96	2 ·85	4
17	Tues. 13	7 ·95	3 ·87	5
18	Wed. 14	8 ·98	4 ·92	6
19	Thur. 15	... ...	5 ·98	7
20	Fri. 16	9 ·02	... ...	8
21	Sat. 17	10 ·08	6 ·08	9
22	Sun. 18	11 ·16	7 ·17	10
23	Mon. 19	12 ·24	8 ·28	11
24	Tues. 20	13 ·33	9 ·39	12
25	Wed. 21	14 ·41	10 ·49	13
26	Thur. ○ 22	P ·49	11 ·58	14
27	Fri. 23	1 ·55	12 ·66	15
28	Sat. 24	2 ·58	13 ·71	16
29	Sun. 25	3 ·60	14 ·75	17
—30	Mon. 26	4 ·59	15 ·76	18
1	Tues. 27	5 ·57	16 ·75	19
2	Wed. 28	6 ·53	17 ·74	20
3	Thur. 29	7 ·47	18 ·70	21
		Sukla. **Phālguna.**		*H.* 1025 *Safar.*
		Bahula.		

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Rākshasa. **Mīna—Pangguni.**	**March.**			
4	Fri. 1	8 ·39	19 ·65	22
5	Sat. 2	9 ·31	20 ·58	23
6	Sun. 3	10 ·21	21 ·52	24
7	Mon. 4	11 ·11	22 ·46	25
8	Tues. 5	12 ·01 / 13 ·92	23 ·39	26
9	Wed. 6	14 ·83	24 ·32	27
10	Thur. 7	—A ·74	25 ·26	28
11	Fri. 8	1 ·67	26 ·22	—29
12	Sat. 9	2 ·61	27 ·19	1
13	Sun. 10	3 ·57	1 ·17	2
14	Mon. 11	4 ·55	2 ·17	3
15	Tues. 12	5 ·54	3 ·19	4
16	Wed. 13	6 ·57	4 ·23	5
17	Thur. 14	7 ·61	5 ·29	6
18	Fri. 15	8 ·67	6 ·38	7
19	Sat. 16	9 ·74	7 ·47	8
20	Sun. 17	10 ·82	8 ·58	9
21	Mon. 18	11 ·91	9 ·68	10
22	Tues. 19	12 ·99	10 ·79	11
23	Wed. 20	... ...	11 ·89	12
24	Thur. 21	13 ·06	12 ·97	13
25	Fri. 22	14 ·12	... ...	14
26	Sat. 23	P ·16	13 ·03	15
27	Sun. 24	1 ·17	14 ·06	16
28	Mon. 25	2 ·17	15 ·08	17
29	Tues. 26	3 ·14	16 ·09	18
—30	Wed. 27	4 ·09	17 ·07	19
1	Thur. 28	5 ·03 / 6 ·95	18 ·03 / 19 ·98	20
2	Fri. 29	7 ·87	20 ·92	21
3	Sat. 30	8 ·77	21 ·86	22
4	Sun. 31	9 ·67	22 ·79	23
		Sukla. **Chaitra.**		*H.* 1025 *Rabī-ul awwal.*
		Bahula.		
	April.			
5	Mon. 1	10 ·57	23 ·72	24
6	Tues. 2	11 ·47	24 ·66	25
7	Wed. 3	12 ·38	25 ·60	26
8	Thur. 4	13 ·29	26 ·55	27
9	Fri. 5	14 ·22	27 ·53	28
10	Sat. 6	—A ·16	1 ·49	29
11	Sun. 7	1 ·11	2 ·49	—30
12	Mon. 8	2 ·09	3 ·50	1
13	Tues. 9	3 ·08	4 ·54	2
14	Wed. 10	4 ·11	5 ·61	3
15	Thur. 11	5 ·15	6 ·68	4
16	Fri. 12	6 ·21	7 ·77	5
17	Sat. 13	7 ·28	8 ·88	6
18	Sun. 14	8 ·36	9 ·98	7
19	Mon. 15	9 ·45	... ...	8
20	Tues. 16	10 ·53	10 ·10	9
21	Wed. 17	11 ·60	11 ·19	10
22	Thur. 18	12 ·65	12 ·27	11
23	Fri. 19	13 ·69	13 ·34	12
24	Sat. 20	14 ·70	14 ·38	13
25	Sun. 21	P ·69	15 ·41	14
26	Mon. 22	1 ·66	16 ·41	15
27	Tues. 23	2 ·62	17 ·40	16
28	Wed. 24	3 ·56	18 ·36	17
29	Thur. 25	4 ·48	19 ·32	18
30	Fri. 26	5 ·39	20 ·27	19
—31	Sat. 27	6 ·29	21 ·20	20
1	Sun. 28	7 ·19	22 ·13	21
2	Mon. 29	8 ·09 / 9 ·99	23 ·06 / 24 ·99	22
3	Tues. 30	10 ·89	25 ·93	23
		Sukla. **Vaiśākha.**		*H.* 1025 *Rabī-ul ākhir.*
		Anala.		

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Anala. **Vrishabha—Vaigāśi.**	**May.**			
4	Wed. 1	11 ·80	26 ·89	24
5	Thur. 2	12 ·73	27 ·85	25
6	Fri. 3	13 ·67	1 ·82	26
7	Sat. 4	14 ·63	2 ·81	27
8	Sun. 5	—A ·60	3 ·82	28
9	Mon. 6	1 ·60	4 ·86	—29
10	Tues. 7	2 ·62	5 ·91	1
11	Wed. 8	3 ·66	6 ·99	2
12	Thur. 9	4 ·72	... ...	3
13	Fri. 10	5 ·79	7 ·07	4
14	Sat. 11	6 ·87	8 ·17	5
15	Sun. 12	7 ·95	9 ·29	6
16	Mon. 13	... ...	10 ·40	7
17	Tues. 14	8 ·03	11 ·49	8
18	Wed. 15	9 ·10	12 ·58	9
19	Thur. 16	10 ·16	13 ·65	10
20	Fri. 17	11 ·19	14 ·70	11
21	Sat. 18	12 ·20	15 ·73	12
22	Sun. 19	13 ·19	16 ·74	13
23	Mon. 20	14 ·16	17 ·73	14
24	Tues. 21	P ·12	18 ·70	15
25	Wed. 22	1 ·06 / 2 ·98	19 ·65	16
26	Thur. 23	3 ·89	20 ·61	17
27	Fri. 24	4 ·79	21 ·54	18
28	Sat. 25	5 ·69	22 ·47	19
29	Sun. 26	6 ·59	23 ·40	20
30	Mon. 27	7 ·49	24 ·33	21
—31	Tues. 28	8 ·39	25 ·28	22
1	Wed. 29	9 ·30	26 ·22	23
2	Thur. 30	10 ·22	27 ·18	24
3	Fri. 31	11 ·16	1 ·15	25
		Sukla. **Jyeshtha.**		*H.* 1025 *Jamāda'l awwal.*
		Bahula.		
	June.			
4	Sat. 1	12 ·11	2 ·13	26
5	Sun. 2	13 ·09	3 ·15	27
6	Mon. 3	14 ·09	4 ·18	28
7	Tues. 4	—A ·10	5 ·22	29
8	Wed. 5	1 ·14	6 ·29	—30
9	Thur. 6	2 ·20	7 ·37	1
10	Fri. 7	3 ·27	8 ·48	2
11	Sat. 8	4 ·35	9 ·59	3
12	Sun. 9	5 ·43	10 ·69	4
13	Mon. 10	6 ·51	11 ·79	5
14	Tues. 11	7 ·58	12 ·88	6
15	Wed. 12	8 ·63	13 ·96	7
16	Thur. 13	9 ·66	... ...	8
17	Fri. 14	10 ·68	14 ·02	9
18	Sat. 15	11 ·67	15 ·05	10
19	Sun. 16	12 ·64	16 ·06	11
20	Mon. 17	13 ·59	17 ·05	12
21	Tues. 18	14 ·53	18 ·03 / 19 ·99	13
22	Wed. 19	P ·46	20 ·94	14
23	Thur. 20	1 ·36	21 ·88	15
24	Fri. 21	2 ·26	22 ·81	16
25	Sat. 22	3 ·16	23 ·74	17
26	Sun. 23	4 ·06 / 5 ·96	24 ·68	18
27	Mon. 24	6 ·86	25 ·61	19
28	Tues. 25	7 ·77	26 ·56	20
29	Wed. 26	8 ·70	27 ·51	21
30	Thur. 27	9 ·64	1 ·47	22
31	Fri. 28	10 ·59	2 ·47	23
—32	Sat. 29	11 ·57	3 ·47	24
1	Sun. 30	12 ·56	4 ·49	25
		Sukla. **Āshādha.**		*H.* 1025 *Jamāda'l ākhir.*
		Bahula.		

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1616. **Kollam 792,** { **N. Malabar—Aug.** **Hijra** { **1025** Commences **Jan. 10.** **Vikrama 1673.**
A—Amāvāsyā. Commences { **S. Malabar—July.** { **1026** Do. **Dec. 30.** **Bengal San. 1022.**
P—Paurnimā. **(N. Cycle) Krodhana.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Anala. **Karkataka—Ādi.**	**July.**			
2	Mon. 1	13 ·58	5 ·53	26
3	Tues. 2	14 ·62	6 ·59	27
4	Wed. 3	—**A** ·68	7 ·68	28
5	Thur. 4	1 ·75	8 ·78	—29
6	Fri. 5	2 ·83	9 ·89	1
7	Sat. 6	3 ·91	10 ·99	2
8	Sun. 7	4 ·99	... ...	3
9	Mon. 8	... ...	11 ·09	4
10	Tues. 9	5 ·06	12 ·19	5
11	Wed. 10	6 ·11	13 ·27	6
12	Thur. 11	7 ·14	14 ·33	7
13	Fri. 12	8 ·16	15 ·37	8
14	Sat. 13	9 ·15	16 ·38	9
15	Sun. 14	10 ·13	17 ·38	10
16	Mon. 15	11 ·08	18 ·37	11
17	Tues. 16	12 ·02 13 ·94	19 ·33	12
18	Wed. 17	14 ·85	20 ·28	13
19	Thur. 18	P ·75	21 ·22	14
20	Fri. 19	1 ·65	22 ·15	15
21	Sat. 20	2 ·55	23 ·09	16
22	Sun. 21	3 ·45	24 ·02 25 ·95	17
23	Mon. 22	4 ·35	26 ·89	18
24	Tues. 23	5 ·26	27 ·84	19
25	Wed. 24	6 ·18	1 ·81	20
26	Thur. 25	7 ·12	2 ·79	21
27	Fri. 26	8 ·08	3 ·79	22
28	Sat. 27	9 ·06	4 ·80	23
29	Sun. 28	10 ·05	5 ·84	24
30	Mon. 29	11 ·08	6 ·91	25
—31	Tues. 30	12 ·12	7 ·99	26
1	Wed. 31	13 ·07	... ...	27
	Aug.			
2	Thur. 1	14 ·24	8 ·09	28
3	Fri. 2	—**A** ·32	9 ·18	29
4	Sat. 3	1 ·41	10 ·29	—30
5	Sun. 4	2 ·49	11 ·39	1
6	Mon. 5	3 ·56	12 ·50	2
7	Tues. 6	4 ·61	13 ·58	3
8	Wed. 7	5 ·65	14 ·64	4
9	Thur. 8	6 ·66	15 ·68	5
10	Fri. 9	7 ·64	16 ·70	6
11	Sat. 10	8 ·62	17 ·71	7
12	Sun. 11	9 ·58	18 ·69	8
13	Mon. 12	10 ·52	19 ·66	9
14	Tues. 13	11 44	20 ·61	10
15	Wed. 14	12 ·35	21 ·55	11
16	Thur. 15	13 ·25	22 ·50	12
17	Fri. ○16	14 ·15	23 ·43	13
18	Sat. 17	P ·05 1 ·95	24 ·36	14
19	Sun. 18	2 ·86	25 ·29	15
20	Mon. 19	3 ·77	26 ·23	16
21	Tues. 20	4 ·70	27 ·18	17
22	Wed. 21	5 ·64	1 ·14	18
23	Thur. 22	6 ·59	2 ·12	19
24	Fri. 23	7 ·57	3 ·11	20
25	Sat. 24	8 ·56	4 ·12	21
26	Sun. 25	9 ·59	5 ·15	22
27	Mon. 26	10 ·63	6 ·22	23
28	Tues. 27	11 ·69	7 ·29	24
29	Wed. 28	12 ·76	8 ·38	25
30	Thur. 29	13 ·84	9 ·48	26
—31	Fri. 30	14 ·93	10 ·59	27
1	Sat. 31	... ...	11 ·70	28

Śrāvana. *Sukla.* *Bahula.* *Bhādrapada.* *H.* 1025 *Rajab.* *H.* 1025 *Śha'bān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Anala. **Kanyā—Purattāsi.**	**Sep.**			
2	Sun.● 1	—**A** ·01	12 ·80	—29
3	Mon. 2	1 ·08	13 ·88	1
4	Tues. 3	2 ·14	14 ·95	2
5	Wed. 4	3 ·17	... ...	3
6	Thur. 5	4 ·18	15 ·00	4
7	Fri. 6	5 ·18	16 ·03	5
8	Sat. 7	6 ·15	17 ·04	6
9	Sun. 8	7 ·11	18 ·02 19 ·99	7
10	Mon. 9	8 ·05 9 ·98	20 ·95	8
11	Tues. 10	10 ·89	21 ·90	9
12	Wed. 11	11 ·79	22 ·84	10
13	Thur. 12	12 ·69	23 ·77	11
14	Fri. 13	13 ·59	24 ·69	12
15	Sat. 14	14 ·49	25 ·63	13
16	Sun. 15	P ·40	26 ·57	14
17	Mon. 16	1 ·31	27 ·52	15
18	Tues. 17	2 ·24	1 ·47	16
19	Wed. 18	3 ·18	2 ·44	17
20	Thur. 19	4 ·14	3 ·43	18
21	Fri. 20	5 ·12	4 ·44	19
22	Sat. 21	6 ·12	5 ·48	20
23	Sun. 22	7 ·14	6 ·53	21
24	Mon. 23	8 ·18	7 ·59	22
25	Tues. 24	9 ·24	8 ·68	23
26	Wed. 25	10 ·32	9 ·78	24
27	Thur. 26	11 ·41	10 ·90	25
28	Fri. 27	12 ·50	... ...	26
29	Sat. 28	13 ·58	11 ·00	27
30	Sun. 29	14 ·65	12 ·10	28
—31	Mon. 30	—**A** ·71	13 ·19	—29
	Oct.			
1	Tues. 1	1 ·74	14 ·28	30
2	Wed. 2	2 ·75	15 ·32	1
3	Thur. 3	3 ·75	16 ·35	2
4	Fri. 4	4 ·72	17 ·36	3
5	Sat. 5	5 ·68	18 ·35	4
6	Sun. 6	6 ·63	19 ·32	5
7	Mon. 7	7 ·56	20 ·29	6
8	Tues. 8	8 ·47	21 ·24	7
9	Wed. 9	9 ·37	22 ·17	8
10	Thur. 10	10 ·27	23 ·10	9
11	Fri. 11	11 ·17	24 ·03 25 ·96	10
12	Sat. 12	12 ·07 13 ·98	26 ·91	11
13	Sun. 13	14 ·90	27 ·85	12
14	Mon. 14	P ·83	1 ·80	13
15	Tues. 15	1 ·77	2 ·77	14
16	Wed. 16	2 ·73	3 ·76	15
17	Thur. 17	3 ·71	4 ·77	16
18	Fri. 18	4 ·71	5 ·79	17
19	Sat. 19	5 ·73	6 ·84	18
20	Sun. 20	6 ·78	7 ·90	19
21	Mon. 21	7 ·84	8 ·98	20
22	Tues. 22	8 ·92	... ...	21
23	Wed. 23	... ...	9 ·09	22
24	Thur. 24	9 ·00	10 ·19	23
25	Fri. 25	10 ·09	11 ·30	24
26	Sat. 26	11 ·18	12 ·40	25
27	Sun. 27	12 ·25	13 ·49	26
28	Mon. 28	13 ·31	14 ·58	27
29	Tues. 29	14 ·34	15 ·63	28
—30	Wed. 30	—**A** ·36	16 ·67	—29
1	Thur. 31	1 ·36	17 ·68	1

Adhika Āśvina. *Sukla.* *Bahula.* *Nija Āśvina.* *H.* 1025 *Ramazān.* *H.* 1025 *Shawwāl.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Anala. **Vriśchika—Kārttigai.**	**Nov.**			
2	Fri. 1	2 ·33	18 ·68	2
3	Sat. 2	3 ·29	19 ·66	3
4	Sun. 3	4 ·24	20 ·62	4
5	Mon. 4	5 ·17	21 ·57	5
6	Tues. 5	6 ·08 7 ·99	22 ·51	6
7	Wed. 6	8 ·89	23 ·44	7
8	Thur. 7	9 ·79	24 ·37	8
9	Fri. 8	10 ·69	25 ·31	9
10	Sat. 9	11 ·60	26 ·24	10
11	Sun. 10	12 ·52	27 ·18	11
12	Mon. 11	13 ·45	1 ·14	12
13	Tues. 12	14 ·40	2 ·10	13
14	Wed. 13	P ·36	3 ·09	14
15	Thur. 14	1 ·34	4 ·09	15
16	Fri. 15	2 ·33	5 ·11	16
17	Sat. 16	3 ·36	6 ·15	17
18	Sun. 17	4 ·41	7 ·21	18
19	Mon. 18	5 ·47	8 ·29	19
20	Tues. 19	6 ·54	9 ·39	20
21	Wed. 20	7 ·63	10 ·49	21
22	Thur. 21	8 ·72	11 ·60	22
23	Fri. 22	9 ·80	12 ·70	23
24	Sat. 23	10 ·88	13 ·80	24
25	Sun. 24	11 ·94	14 ·88	25
26	Mon. 25	12 ·97	15 ·94	26
27	Tues. 26	13 ·99	16 ·98	27
28	Wed. 27	14 ·99	... ...	28
—29	Thur. 28	—**A** ·97	17 ·00	29
1	Fri. 29	1 ·93	18 ·00 19 ·99	—30
2	Sat. 30	2 ·88	20 ·96	1
	Dec.			
3	Sun. 1	3 ·80	21 ·91	2
4	Mon. 2	4 ·71	22 ·85	3
5	Tues. 3	5 ·62	23 ·78	4
6	Wed. 4	6 ·52	24 ·72	5
7	Thur. 5	7 ·42	25 ·65	6
8	Fri. 6	8 ·33	26 ·58	7
9	Sat. 7	9 ·24	27 ·52	8
10	Sun. 8	10 ·16	1 47	9
11	Mon. 9	11 ·09	2 ·44	10
12	Tues. 10	12 ·04	3 ·41	11
13	Wed. 11	13 ·00 14 ·98	4 ·41	12
14	Thur. 12	P ·98	5 ·42	13
15	Fri. 13	... ...	6 ·46	14
16	Sat. 14	1 ·01	7 ·52	15
17	Sun. 15	2 ·05	8 ·60	16
18	Mon. 16	3 ·11	9 ·69	17
19	Tues. 17	4 ·19	10 ·79	18
20	Wed. 18	5 ·27	11 ·89	19
21	Thur. 19	6 ·37	... ...	20
22	Fri. 20	7 ·45	12 ·00	21
23	Sat. 21	8 ·52	13 ·11	22
24	Sun. 22	9 ·58	14 ·19	23
25	Mon. 23	10 ·63	15 ·25	24
26	Tues. 24	11 ·65	16 ·30	25
27	Wed. 25	12 ·65	17 ·32	26
28	Thur. 26	13 ·62	18 ·34	27
29	Fri. 27	14 ·58	19 ·32	28
—30	Sat. 28	—**A** ·52	20 ·29	29
1	Sun. 29	1 ·45	21 ·24	—30
2	Mon. 30	2 ·36	22 ·18	1
3	Tues. 31	3 ·26	23 ·13	2

Sukla. *Bahula.* *Kārttika.* *Mārgasīrsha.* *Dhanus—Mārgali.* *H.* 1025 *Zi-l-hijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23 Dhani. 24. Śatab.

A.D. 1617. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·39.** **Śaka 1539,** **Kaliyuga 4718.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·31.** **(S. Cycle) Piṅgala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Wed.	1	4 ·16	24 ·06 / 25 ·99	3	4	Sat.	1	4 ·03 / 5 ·96	2 ·43	3	4	Thur.	1	7 ·98	8 ·13	5
									Anala.						*Śukla.*		
Anala.						*Anala.*									... ...	9 ·21	6
Makara—Tai.						**Mīna—Pāṅguni.**						*Piṅgala.*					
5	Thur.	2	5 ·08 / 6 ·97	26 ·92	4	5	Sun.	2	6 ·90	3 ·40	4	**Vrishabha—Vaiśākhi.**			8 ·04	10 ·29	7
6	Fri.	3	7 ·89	27 ·86	5	6	Mon.	3	7 ·86	4 ·38	5	8	Sun.	4	9 ·12	11 ·39	8
7	Sat.	4	8 ·81	1 ·81	6	7	Tues.	4	8 ·85	5 ·39	6	9	Mon.	5	10 ·20	12 ·50	9
			Śukla.			8	Wed.	5	9 ·85	6 ·41	7						
8	Sun.	5	9 ·74	2 ·77	7	9	Thur.	6	10 ·87	7 ·45	8	10	Tues.	6	11 ·28	13 ·61	10
			Pausha.														
9	Mon.	6	10 ·68	3 ·74	8	10	Fri.	7	11 ·92	8 ·51	9	10	Wed.	7	12 ·36	14 ·71	11
10	Tues.	7	11 ·64	4 ·73	9	11	Sat.	8	12 ·98	9 ·59	10	11	Thur.	8	13 ·43	15 ·80	12
11	Wed.	8	12 ·63	5 ·74	10	12	Sun.	9	... ...	10 ·69	11	12	Fri.	9	14 ·48	16 ·87	13
12	Thur.	9	13 ·63	6 ·78	11	13	Mon.	10	13 ·05	11 ·80	12	13	Sat.	10	P ·51	17 ·91	14
13	Fri.	10	14 ·65	7 ·83	12	14	Tues.	11	14 ·13	12 ·91	13	14	Sun.	11	1 ·52	18 ·94	15
14	Sat.	11	P ·70	8 ·90	13	15	Wed.	12	P ·22	...	14	15	Mon.	12	2 ·51	19 ·96	16
15	Sun.	12	1 ·76	9 ·99	14	16	Thur.	13	1 ·30	13 ·01	15	16	Tues.	13	3 ·49	20 ·94	17
16	Mon.	13	2 ·84	... ...	15	17	Fri.	14	2 ·37	14 ·10	16	17	Wed.	14	4 ·41	21 ·92	18
17	Tues.	14	3 ·93	10 ·09	16	18	Sat.	15	3 ·43	15 ·19	17	18	Thur.	15	5 ·38	22 ·87	19
18	Wed.	15	... ...	11 ·19	17	19	Sun.	16	4 ·46	16 ·25	18	19	Fri.	16	6 ·30	23 ·82	20
19	Thur.	16	4 ·01	12 ·31	18	20	Mon.	17	5 ·48	17 ·28	19	20	Sat.	17	7 ·21	24 ·76	21
20	Fri.	17	5 ·09	13 ·41	19	21	Tues.	18	6 ·47	18 ·30	20	21	Sun.	18	8 ·11	25 ·69	22
21	Sat.	18	6 ·16	14 ·49	20	22	Wed.	19	7 ·44	19 ·30	21						
			Bahula.						*Bahula.*			22	Mon.	19	9 ·00 / 10 ·90	26 ·62	23
22	Sun.	19	7 ·22	15 ·56	21	23	Thur.	20	8 ·39	20 ·29	22						
23	Mon.	20	8 ·26	16 ·61	22	24	Fri.	21	9 ·33	21 ·25	23	23	Tues.	20	11 ·80	27 ·55	24
24	Tues.	21	9 ·27	17 ·65	23	25	Sat.	22	10 ·26	22 ·20	24	24	Wed.	21	12 ·71	1 ·49	25
25	Wed.	22	10 ·28	18 ·66	24	26	Sun.	23	11 ·17	23 ·14	25	25	Thur.	22	13 ·62	2 ·44	26
26	Thur.	23	11 ·25	19 ·65	25							26	Fri.	23	14 ·55	3 ·40	27
27	Fri.	24	12 ·21	20 ·62	26	27	Mon.	24	12 ·08 / 13 ·98	24 ·07	26	27	Sat.	24	—A ·49	4 ·37	28
28	Sat.	25	13 ·15	21 ·58	27							28	Sun.	25	1 ·44	5 ·35	29
						28	Tues.	25	14 ·88	25 ·00 / 26 ·94	27	29	Mon.	26	2 ·42	6 ·36	—30
—29	Sun.	26	14 ·07 / A ·99	22 ·53	28							30	Tues.	27	3 ·41	7 ·40	1
						29	Wed.	26	—A ·78	27 ·88	28	31	Wed.	28	4 ·44	8 ·44	2
1	Mon.	27	1 ·90	23 ·47	29	—30	Thur.	27	1 ·68	1 ·81	29	—32	Thur.	29	5 ·48	9 ·51	3
2	Tues.	28	2 ·80	24 ·40	—30	1	Fri.	28	2 ·59	2 ·76	—30	1	Fri.	30	6 ·54	10 ·59	4
3	Wed.	29	3 ·70	25 ·33	1	2	Sat.	29	3 ·52	3 ·73	1	2	Sat.	31	7 ·61	11 ·69	5
4	Thur.	30	4 ·60	26 ·26	2	3	Sun.	30	4 ·46	4 ·71	2						
5	Fri.	31	5 ·51	27 ·20	3	4	Mon.	31	5 ·42	5 ·71	3						
	Feb.						**April.**						**June.**				
6	Sat.	1	6 ·43	1 ·15	4	5	Tues.	1	6 ·40	6 ·72	4	3	Sun.	1	8 ·69	12 ·81	6
Anala.						*Piṅgala.*			*Śukla.*			*Piṅgala.*					
Kumbha—Māśi.						**Mēsha—Chittirai.**						**Mithuna—Āni.**					
7	Sun.	2	7 ·36	2 ·10	5	6	Wed.	2	7 ·40	7 ·76	5	4	Mon.	2	9 ·77	13 ·91	7
8	Mon.	3	8 ·31	3 ·07	6	7	Thur.	3	8 ·42	8 ·82	6	5	Tues.	3	10 ·85	... ...	8
9	Tues.	4	9 ·27	4 ·05	7	8	Fri.	4	9 ·47	9 ·90	7	6	Wed.	4	11 ·92	14 ·01	9
10	Wed.	5	10 ·25	5 ·06	8	9	Sat.	5	10 ·53	10 ·99	8	7	Thur.	5	12 ·97	15 ·10	10
11	Thur.	6	11 ·25	6 ·09	9	10	Sun.	6	11 ·61	...	9	8	Fri.	6	...	16 ·17	11
12	Fri.	7	12 ·27	7 ·14	10	11	Mon.	7	12 ·69	11 ·10	10	9	Sat.	7	13 ·00	17 ·23	12
			Sukla.						*Śukla.*								
13	Sat.	8	13 ·32	8 ·20	11	12	Tues.	8	13 ·77	12 ·20	11	10	Sun.	8	14 ·02	18 ·27	13
			Māgha.														
14	Sun.	9	14 ·38	9 ·29	12	13	Wed.	9	14 ·85	13 ·31	12						
15	Mon. ○	10	P ·46	10 ·39	13	14	Thur.	10	P ·92	14 ·41	13	11	Mon.	9	P ·00 / 1 ·97	19 ·28	14
16	Tues.	11	1 ·55	11 ·50	14	15	Fri.	11	1 ·97	15 ·49	14						
17	Wed.	12	2 ·63	12 ·61	15	16	Sat.	12	...	16 ·56	15	12	Tues.	10	2 ·92	20 ·27	15
18	Thur.	13	3 ·71	13 ·71	16	17	Sun.	13	2 ·00	17 ·60	16	13	Wed.	11	3 ·85	21 ·25	16
19	Fri.	14	4 ·78	14 ·80	17	18	Mon.	14	3 ·02	18 ·62	17	14	Thur.	12	4 ·77	22 ·20	17
20	Sat.	15	5 ·84	15 ·87	18							15	Fri.	13	5 ·68	23 ·16	18
			Bahula.						*Bahula.*								
21	Sun.	16	6 ·88	16 ·93	19	19	Tues.	15	4 ·01 / 5 ·98	19 ·63	18	16	Sat.	14	6 ·58	24 ·10	19
22	Mon.	17	7 ·89	17 ·97	20												
23	Tues.	18	8 ·89	18 ·98	21	20	Wed.	16	6 ·93	20 ·62	19	17	Sun.	15	7 ·48	25 ·03 / 26 ·96	20
24	Wed.	19	9 ·88	19 ·97	22	21	Thur.	17	7 ·87	21 ·58	20						
25	Thur.	20	10 ·82	20 ·95	23	22	Fri.	18	8 ·79	22 ·54	21	18	Mon.	16	8 ·38	27 ·89	21
26	Fri.	21	11 ·77	21 ·92	24	23	Sat.	19	9 ·70	23 ·48	22	19	Tues.	17	9 ·28	1 ·83	22
27	Sat.	22	12 ·69	22 ·87	25	24	Sun.	20	10 ·61	24 ·41	23	20	Wed.	18	10 ·18	2 ·77	23
28	Sun.	23	13 ·60	23 ·80	26	25	Mon.	21	11 ·51	25 ·35	24	21	Thur.	19	11 ·09	3 ·73	24
29	Mon.	24	14 ·51	24 ·74	27	26	Tues.	22	12 ·41	26 ·28	25						
						27	Wed.	23	13 ·31	27 ·21	26	22	Fri.	20	12 ·02 / 13 ·96	4 ·69	25
—30	Tues.	25	—A ·41	25 ·67	28	28	Thur.	24	14 ·21	1 ·15	27						
1	Wed.	26	1 ·31	26 ·61	—29	29	Fri.	25	—A ·12	2 ·10	28	23	Sat.	21	14 ·92	5 ·68	26
2	Thur.	27	2 ·21	27 ·54	1							24	Sun.	22	—A ·90	6 ·69	27
3	Fri.	28	3 ·11	1 ·48	2	30	Sat.	26	1 ·05 / 2 ·99	3 ·07	—29	25	Mon.	23	1 ·88	7 ·71	28
												26	Tues.	24	2 ·91	8 ·75	—29
						—31	Sun.	27	3 ·95	4 ·04	1	27	Wed.	25	3 ·95	9 ·82	1
						1	Mon.	28	4 ·93	5 ·03	2	28	Thur.	26	... ...	10 ·90	2
						2	Tues.	29	5 ·92	6 ·04	3	29	Fri.	27	4 ·01	11 ·99	3
						3	Wed.	30	6 ·95	7 ·07	4	30	Sat.	28	5 ·08	... ...	4
												—31	Sun.	29	6 ·16	12 ·10	5
												1	Mon	30	7 ·25	13 ·21	6

Śukla. *Jyeshtha.* *Bahula.* *Jumāda'l awwal.* *Rabi-ul ākhir.* *Śafar.* *Muharram.* *H.* 1026

Nakṣh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1617. **Kollam 793,** { **N. Malabar—Sep.** **Hijra 1027.** **Vikrama 1674.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences Dec. 19. **Bengal San. 1023.**
P—Paurnimā. **(N. Cycle) Kshāya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
2	Tues.	1	8 ·33	14 ·31	7	1	Mon.	1	11 ·42	21 ·24	10				13 ·06		
3	Wed.	2	9 ·39	15 ·41	8	2	Tues.	2	12 ·36	22 ·21	11	2	Sat.	1	14 ·96	1 ·52	12
4	Thur.	3	10 ·44	16 ·48	9	3	Wed.	3	13 ·28	23 ·17	12	3	Sun.	2	P ·87	2 ·46	13
5	Fri.	4	11 ·48	17 ·55	10	4	Thur.	4	14 ·19	24 ·11	13	4	Mon.	3	1 ·79	3 ·40	14
6	Sat.	5	12 ·49	18 ·59	11	5	Fri.	5	P ·09	25 ·04	14	5	Tues.	4	2 ·72	4 ·35	15
7	Sun.	6	13 ·48	19 ·60	12				1 ·99	26 ·98		6	Wed.	5	3 ·67	5 ·32	16
8	Mon.	7	14 ·45	20 ·60	13	6	Sat.	6	2 ·89	27 ·91	15	7	Thur.	6	4 ·64	6 ·30	17
9	Tues.	8	P ·40	21 ·58	14	7	Sun.	7	3 ·79	1 ·84	16	8	Fri.	7	5 ·62	7 ·31	18
10	Wed.	9	1 ·33	22 ·55	15	8	Mon.	8	4 ·69	2 ·78	17	9	Sat.	8	6 ·62	8 ·33	19
11	Thur.	10	2 ·25	23 ·50	16	9	Tues.	9	5 ·61	3 ·73	18	10	Sun.	9	7 ·65	9 ·37	20
12	Fri.	11	3 ·16	24 ·44	17	10	Wed.	10	6 ·54	4 ·69	19	11	Mon.	10	8 ·70	10 ·43	21
13	Sat.	12	4 ·06 5 ·96	25 ·37	18	11	Thur.	11	7 ·48	5 ·66	20	12	Tues.	11	9 ·76	11 ·50	22
14	Sun.	13	6 ·86	26 ·30	19	12	Fri.	12	8 ·44	6 ·65	21	13	Wed.	12	10 ·84	12 ·60	23
15	Mon.	14	7 ·76	27 ·24	20	13	Sat.	13	9 ·43	7 ·66	22	14	Thur.	13	11 ·93	13 ·71	24
16	Tues.	15	8 ·66	1 ·17	21	14	Sun.	14	10 ·43	8 ·69	23	15	Fri.	14	... ...	14 ·82	25
17	Wed.	16	9 ·57	2 ·11	22	15	Mon.	15	11 ·45	9 ·75	24	16	Sat.	15	12 ·01	15 ·92	26
18	Thur.	17	10 ·50	3 ·06	23	16	Tues.	16	12 ·49	10 ·82	25	17	Sun.	16	13 ·09	... ...	27
19	Fri.	19	11 ·44	4 ·02	24	17	Wed.	17	13 ·55	11 ·90	26	18	Mon.	17	14 ·17	16 ·01	28
20	Sat.	19	12 ·40	5 ·00	25	18	Thur.	18	14 ·63	.. ..	27	19	Tues.	18	—A ·23	17 ·09	29
21	Sun.	20	13 ·38	6 ·01	26	19	Fri.	19	—A ·71	12 ·00	28	20	Wed.	19	1 ·27	18 ·16	—30
22	Mon.	21	14 ·38	7 ·02	27	20	Sat.	20	1 ·80	13 ·11	29	21	Thur.	20	2 ·28	19 ·20	1
23	Tues.	22	—A ·40	8 ·06	28	21	Sun	21	2 ·88	14 ·22	—30	22	Fri.	21	3 ·28	20 ·22	2
24	Wed.	23	1 ·44	9 ·12	29	22	Mon.	22	3 ·95	15 ·32	1	23	Sat.	22	4 ·25	21 ·22	3
25	Thur.	24	2 ·50	10 ·20	—30	23	Tues.	23	.. ..	16 ·41	2	24	Sun.	23	5 ·20	22 ·20	4
26	Fri.	25	3 ·57	11 ·30	1	24	Wed.	24	4 ·01	17 ·48	3	25	Mon.	24	6 ·14	23 ·18	5
27	Sat.	26	4 ·65	12 ·40	2	25	Thur.	25	5 ·04	18 ·53	4	26	Tues.	25	7 ·07 8 ·99	24 ·13	6
28	Sun.	27	5 ·73	13 ·51	3	26	Fri.	26	6 ·06	19 ·57	5	27	Wed.	26	9 ·89	25 ·07	7
29	Mon.	28	6 ·81	14 ·61	4	27	Sat.	27	7 ·05	20 ·58	6	28	Thur.	27	10 ·79	26 ·00 27 ·93	8
30	Tues.	29	7 ·88	15 ·71	5	28	Sun.	28	8 ·03 9 ·98	21 ·57	7	29	Fri.	28	11 ·69	1 ·87	9
31	Wed.	30	8 ·94	16 ·80	6	29	Mon.	29	10 ·92	22 ·54	8	—30	Sat.	29	12 ·60	2 ·80	10
—32	Thur.	31	9 ·97	17 ·86	7	—30	Tues.	30	11 ·84	23 ·50	9	1	Sun.	30	13 ·51	3 ·74	11
	Aug.						**Oct.**						**Dec.**				
1	Fri.	1	10 ·98	18 ·90	8	1	Wed.	1	12 ·75	24 ·45	10	2	Mon.	1	14 ·48	4 ·69	12
2	Sat.	2	11 ·97	19 ·92	9	2	Thur.	2	13 ·66	25 ·39	11	3	Tues.	2	P ·36	5 ·65	13
3	Sun.	3	12 ·95	20 ·94	10	3	Fri.	3	14 ·56	26 ·32	12	4	Wed.	3	1 ·31	6 ·62	14
4	Mon.	4	13 ·90	21 ·91	11	4	Sat.	4	P ·46	27 ·25	13	5	Thur.	4	2 ·28	7 ·63	15
5	Tues.	5	14 ·83	22 ·88	12	5	Sun.	5	1 ·36	1 ·18	14	6	Fri.	5	3 ·26	8 ·64	16
6	Wed.	6	P ·75	23 ·83	13	6	Mon.	6	2 ·27	2 ·12	15	7	Sat.	6	4 ·27	9 ·68	17
7	Thur.	7	1 ·66	24 ·77	14	7	Tues.	7	3 ·18	3 ·07	16	8	Sun.	7	5 ·29	10 ·73	18
8	Fri.	8	2 ·56	25 ·71	15	8	Wed.	8	4 ·11	4 ·02 5 ·99	17	9	Mon.	8	6 ·33	11 ·81	19
9	Sat.	9	3 ·46	26 ·65	16	9	Thur.	9	5 ·06	6 ·97	18	10	Tues.	9	7 ·39	12 ·91	20
10	Sun.	10	4 ·36	27 ·58	17	10	Fri.	10	6 ·02	7 ·98	19	11	Wed.	10	8 ·47	... ...	21
11	Mon.	11	5 ·26	1 ·51	18	11	Sat.	11	7 ·01	.. ...	20	12	Thur.	11	9 ·57	13 ·01	22
12	Tues.	12	6 ·16	2 ·44	19	12	Sun.	12	8 ·01	8 ·01	21	13	Fri.	12	10 ·66	14 ·12	23
13	Wed.	13	7 ·08	3 ·39	20	13	Mon.	13	9 ·03	9 ·06	22	14	Sat.	13	11 ·74	15 ·22	24
14	Thur.	14	8 ·01 9 ·95	4 ·35	21	14	Tues.	14	10 ·07	10 ·12	23	15	Sun.	14	12 ·82	16 ·32	25
15	Fri.	15	10 ·90	5 ·34	22	15	Wed.	15	11 ·14	11 ·20	24	16	Mon.	15	13 ·88	17 ·40	26
16	Sat.	16	11 ·88	6 ·33	23	16	Thur.	16	12 ·22	12 ·30	25	17	Tues.	16	14 ·91	18 ·47	27
17	Sun.	17	12 ·89	7 ·34	24	17	Fri.	17	13 ·30	13 ·41	26	18	Wed.	17	—A ·93	19 ·52	28
18	Mon.	18	13 ·91	8 ·37	25	18	Sat.	18	14 ·39	14 ·52	27	19	Thur.	18	1 ·92	20 ·54	—29
19	Tues.	19	14 ·95	9 ·43	26	19	Sun.	19	—A ·47	15 ·62	28	20	Fri.	19	2 ·89	21 ·55	1
20	Wed.	20	... ...	10 ·51	27	20	Mon.	20	1 ·55	16 ·71	—29	21	Sat.	20	3 ·85	22 ·54	2
21	Thur.	21	—A ·01	11 ·60	28	21	Tues.	21	2 ·61	17 ·79	1	22	Sun.	21	4 ·79	23 ·51	3
22	Fri.	22	1 ·09	12 ·70	—29	22	Wed.	22	3 ·65	18 ·84	2	23	Mon.	22	5 ·72	24 ·46	4
23	Sat.	23	2 ·17	13 ·81	1	23	Thur.	23	4 ·66	19 ·89	3	24	Tues.	23	6 ·63	25 ·40	5
24	Sun.	24	3 ·25	14 ·92	2	24	Fri.	24	5 ·64	20 ·90	4	25	Wed.	24	7 ·54	26 ·34	6
25	Mon.	25	4 ·33	... ...	3	25	Sat.	25	6 ·62	21 ·90	5	26	Thur.	25	8 ·44	27 ·28	7
26	Tues.	26	5 ·40	15 ·02	4	26	Sun.	26	7 ·57	22 ·87	6	27	Fri.	26	9 ·34	1 ·21	8
27	Wed.	27	6 ·45	16 ·10	5	27	Mon.	27	8 ·51	23 ·83	7	28	Sat.	27	10 ·25	2 ·14	9
28	Thur.	28	7 ·49	17 ·17	6	28	Tues.	28	9 ·44	24 ·79	8	—29	Sun.	28	11 ·16	3 ·08	10
29	Fri.	29	8 ·51	18 ·22	7	29	Wed.	29	10 ·36	25 ·73	9	1	Mon.	29	12 ·08	4 ·02 5 ·98	11
30	Sat.	30	9 ·49	19 ·24	8	—30	Thur.	30	11 ·26	26 ·66	10	2	Tues.	30	13 ·01 14 ·95	6 ·96	12
—31	Sun.	31	10 ·47	20 ·26	9	1	Fri.	31	12 ·16	27 ·59	11	3	Wed.	31	P ·92	7 ·95	13

Piṅgala. **Karkaṭaka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* **Śrāvana.** **Bhād.** *Piṅgala.* **Simha—Āvaṇi.** *Piṅgala.* **Kanyā—Puraṭṭāśi.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Piṅgala.* **Tulā—Aippaśi.** *Bahula.* **Kārt.** *Piṅgala.* **Vṛśchika—Kārttigai.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Piṅgala.* **Dhanus—Mārgali.** *Bahula.* **Pausha.** *Sukla.*

H. 1026 *Rajab.* *H.* 1026 *Sha'bán.* *H.* 1026 *Ramzán.* *H.* 1026 *Shawwál.* *H.* 1026 *Zi-l-kada.* *H.* 1026 *Zi-l-hijja.* *H.* 1027 *Muharram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1618. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·65.** **Śaka 1540.** **Kaliyuga 4719.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·57.** **(S. Cycle) Kālayukta.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Pingala. **Makara—Tai.** 4	Thur.	1	1 ·90 *Bahula.* **Pausha.**	8 ·96	14	4	Sun.	1	P ·22 *Bahula.*	12 ·81	14	4	Fri.	1	2 ·75 *Bahula.*	... ...	16
5	Fri.	2	2 ·92	9 ·99	15	5	Mon.	2	1 ·28	13 ·91	15	5	Sat.	2	3 ·80	18 ·02	17
6	Sat.	3	3 ·95	... ...	16	6	Tues.	3	2 ·36	... ...	16	6	Sun.	3	4 ·84	19 ·09	18
7	Sun.	4	4 ·99	10 ·04	17	7	Wed.	4	3 ·44	14 ·02	17	7	Mon.	4	5 ·85	20 ·13	19
8	Mon.	5	... ...	11 ·12	18	8	Thur.	5	4 ·53	15 ·12	18	8	Tues.	5	6 ·84	21 ·16	20
9	Tues.	6	5 ·05	12 ·21	19	9	Fri.	6	5 ·61	16 ·23	19	9	Wed.	6	7 ·81	22 ·17	21
10	Wed.	7	6 ·13	13 ·31	20	10	Sat.	7	6 ·68	17 ·32	20	10	Thur.	7	8 ·76	23 ·16	22
11	Thur.	8	7 ·21	14 ·41	21	11	Sun.	8	7 ·74	18 ·40	21	11	Fri.	8	9 ·69	24 ·13	23
12	Fri.	9	8 ·30	15 ·52	22	12	Mon.	9	8 ·78	19 ·46	22	12	Sat.	9	10 ·61	25 ·09	24
13	Sat.	10	9 ·39	16 ·63	23	13	Tues.	10	9 ·79	20 ·50	23	13	Sun.	10	11 ·51	26 ·03 } 27 ·97 }	25
14	Sun.	11	10 ·46	17 ·71	24	14	Wed.	11	10 ·77	21 ·52	24	*Kālayukta.* **Vrishabha—Vaigāsi.** 14	Mon.	11	12 ·41	1 ·91	26
15	Mon.	12	11 ·52	18 ·78	25	15	Thur.	12	11 ·75	22 ·52	25	15	Tues.	12	13 ·31	2 ·84	27
16	Tues.	13	12 ·56	19 ·83	26	16	Fri.	13	12 ·70	23 ·50	26	16	Wed.	13	14 ·21	3 ·77	28
17	Wed.	14	13 ·58	20 ·86	27	17	Sat.	14	13 ·64	24 ·46	27	17	Thur.	14	—A ·11	4 ·71	29
18	Thur.	15	14 ·56	21 ·88	28	18	Sun.	15	14 ·56	25 ·42	28	18	Fri.	15	1 ·01 } 2 ·93 }	5 ·65	—30
19	Fri.	16	—A ·53	22 ·87	29	19	Mon.	16	—A ·47	26 ·36	29	19	Sat.	16	3 ·85	6 ·61	1
20	Sat.	17	1 ·50	23 ·84	—30	20	Tues.	17	1 ·37	27 ·29	—30	20	Sun.	17	4 ·79	7 ·59	2
21	Sun.	18	2 ·44	24 ·80	1	21	Wed.	18	2 ·27	1 ·22	1	21	Mon.	18	5 ·76	8 ·57	3
22	Mon.	19	3 ·36	25 ·74	2	22	Thur.	19	3 ·17	2 ·15	2	22	Tues.	19	6 ·74	9 ·58	4
23	Tues.	20	4 ·27	26 ·68	3	23	Fri.	20	4 ·07 } 5 ·98 }	3 ·10	3	23	Wed.	20	7 ·74	10 ·61	5
24	Wed.	21	5 ·18	27 ·62	4					4 ·03 } 5 ·98 }	4	24	Thur.	21	8 ·76	11 ·65	6
25	Thur.	22	6 ·08 } 7 ·98 }	1 ·55	5	24	Sat.	21	6 ·90			25	Fri.	22	9 ·81	12 ·73	7
26	Fri.	23	8 ·89	2 ·48	6	25	Sun.	22	7 ·83	6 ·95	5	26	Sat.	23	10 ·87	13 ·82	8
27	Sat.	24	9 ·79	3 ·41	7	26	Mon.	23	8 ·77	7 ·92	6	27	Sun.	24	11 ·94	14 ·91	9
28	Sun.	25	10 ·71	4 ·35	8	27	Tues.	24	9 ·73	8 ·93	7	28	Mon.	25	...	... ...	10
—29	Mon.	26	11 ·64	5 ·32	9	28	Wed.	25	10 ·72	9 ·94	8	29	Tues.	26	12 ·02	15 ·02	11
1	Tues.	27	12 ·59	6 ·29	10	29	Thur.	26	11 ·71	10 ·98	9	30	Wed.	27	13 ·10	16 ·12	12
2	Wed.	28	13 ·55	7 ·27	11	30	Fri.	27	12 ·74	... ...	10	31	Thur.	28	14 ·18	17 ·23	13
3	Thur	29	14 ·54	8 ·28	12	—31	Sat.	28	13 ·78	11 ·04	11	—32	Fri.	29	P ·24	18 ·32	14
4	Fri.	○30	P ·55	9 ·30	13	1	Sun.	29	14 ·84	12 ·11	12	1	Sat.	30	1 ·20	19 ·40	15
5	Sat.	31	1 ·57	10 ·36	14	2	Mon.	30	P ·92	13 ·21	13	2	Sun.	31	2 ·32	20 ·45	16
	Feb.					3	Tues.	31	... ...	14 ·32	14		**June.**				
Pingala. **Kumbha—Māsi.** 6	Sun.	1	2 ·62 *Bahula.*	11 ·43	15		**April.**					3	Mon.	1	3 ·33	21 ·48	17
7	Mon.	2	3 ·68	12 ·51	16	4	Wed.	1	1 ·01	15 ·42	15	4	Tues.	2	4 ·32	22 ·50	18
8	Tues.	3	4 ·76	13 ·61	17	5	Thur.	2	2 ·09	16 ·53	16	5	Wed.	3	5 ·29	23 ·49	19
9	Wed.	4	5 ·85	14 ·71	18	6	Fri.	3	3 ·17	17 ·62	17	6	Thur.	4	6 ·24	24 ·47	20
10	Thur.	5	6 ·94	15 ·83	19	7	Sat.	4	4 ·24	18 ·70	18	7	Fri.	5	7 ·18	25 ·42	21
11	Fri.	6	... ...	16 ·93	20	8	Sun.	5	5 ·29	19 ·78	19	8	Sat.	6	8 ·10	26 ·37	22
12	Sat.	7	7 ·02	... ...	21	9	Mon.	6	6 ·33	20 ·82	20	9	Sun.	7	9 ·00 } 10 ·90 }	27 ·32	23
13	Sun.	8	8 ·09	17 ·02	22	10	Tues.	7	7 ·34	21 ·84	21	10	Mon.	8	11 ·80	1 ·25	24
14	Mon.	9	9 ·14	18 ·09	23	11	Wed.	8	8 ·32	22 ·84	22	11	Tues.	9	12 ·69	2 ·18	25
15	Tues.	10	10 ·18	19 ·15	24	12	Thur.	9	9 ·29	22 ·83	23	12	Wed.	10	13 ·59	3 ·11	26
16	Wed.	11	11 ·20	20 ·19	25	13	Fri.	10	10 ·24	24 ·80	24	*Kālayukta.* **Mithuna—Āni.** 13	Thur.	11	14 ·49	4 ·04 } 5 ·98 }	27
17	Thur.	12	12 ·18	21 ·20	26	14	Sat.	11	11 ·18	25 ·76	25	14	Fri.	12	—A ·41	6 ·95	28
18	Fri.	13	13 ·16	22 ·19	27	15	Sun.	12	12 ·10	26 ·70	26	15	Sat.	13	1 ·34	7 ·91	—29
19	Sat.	14	14 ·11	23 ·17	28	16	Mon.	13	13 ·01 } 14 ·91 }	27 ·63	27	16	Sun.	14	2 ·28	8 ·90	1
20	Sun.	15	A ·05 } 1 ·98 }	24 ·13	—29	17	Tues.	14	—A ·81	1 ·56	28	17	Mon.	15	3 ·24	9 ·90	2
21	Mon.	16	2 ·89	25 ·08	1	18	Wed.	15	1 ·71	2 ·50	—29	18	Tues.	16	4 ·22	10 ·92	3
22	Tues.	17	3 ·79	26 ·02 } 27 ·96 }	2	19	Thur.	16	2 ·61	3 ·43	1	19	Wed.	17	5 ·22	11 ·97	4
23	Wed.	18	4 ·69	1 ·89	3	20	Fri.	17	3 ·52	4 ·37	2	20	Thur.	18	6 ·24	... ...	5
24	Thur.	19	5 ·59	2 ·81	4	21	Sat.	18	4 ·43	5 ·32	3	21	Fri.	19	7 ·19	12 ·04	6
25	Fri.	20	6 ·49	3 ·75	5	22	Sun.	19	5 ·36	6 ·27	4	22	Sat.	20	8 ·35	13 ·12	7
26	Sat.	21	7 ·41	4 ·70	6	23	Mon.	20	6 ·30	7 ·26	5	23	Sun.	21	9 ·42	14 ·21	8
27	Sun.	22	8 ·33	5 ·65	7	24	Tues.	21	7 ·26	8 ·25	6	24	Mon.	22	10 ·50	15 ·32	9
28	Mon.	23	9 ·26	6 ·62	8	25	Wed.	22	8 ·24	9 ·26	7	25	Tues.	23	11 ·58	16 ·43	10
29	Tues.	24	10 ·20	7 ·60	9	26	Thur.	23	9 ·25	10 ·29	8	26	Wed.	24	12 ·66	17 ·54	11
—30	Wed.	25	11 ·16	8 ·60	10	27	Fri.	24	10 ·27	11 ·34	9	27	Thur.	25	13 ·72	18 ·63	12
1	Thur.	26	12 ·15	9 ·63	11	28	Sat.	25	11 ·31	12 ·42	10	28	Fri.	26	14 ·77	19 ·70	13
2	Fri.	27	13 ·15	10 ·67	12	29	Sun.	26	12 ·36	13 ·51	11	29	Sat.	27	P ·80	20 ·76	14
3	Sat.	28	14 ·18	11 ·73	13	—30	Mon.	27	13 ·44	14 ·61	12	30	Sun.	28	1 ·82	21 ·81	15
						1	Tues.	28	14 ·53	15 ·72	13	—31	Mon.	29	2 ·80	22 ·82	16
						2	Wed.	29	P ·61	16 ·83	14	1	Tues.	30	3 ·77	23 ·82	17
						3	Thur.	30	1 ·69	17 ·92	15						

Parvan ākhir. — *Rabi-ul awwal.* — *Rabi-ul ākhir.* — *Jamāda'l awwal.* — *Jamāda'l ākhir.* — *Rajab.* — *Sukla.* — *Bahula.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1618. **Kollam 794,** { **N. Malabar—Sep.** **Hijra 1028.** **Vikrama 1675.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Dec. 9** **Bengal San. 1024.**
P—Paurnimā. **(N. Cycle) Prabhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Kálayukta. **Karkataka—Ádi.** 2	Wed.	1	4 ·72	24 ·80	18	*Kálayukta.* **Kanyá—Puraṭṭási.** 1	Tues.	1	7 ·09	4 ·06	21	2	Sun.	1	10 ·92	11 ·54	23
3	Thur.	2	5 ·65	25 ·76	19	2	Wed.	2	8 ·00 / 9 ·92	5 ·00 / 6 ·95	22	3	Mon.	2	11 ·95	12 ·59	24
4	Fri.	3	6 ·57	26 ·71	20							4	Tues.	3	... ...	13 ·65	25
5	Sat.	4	*Bahula.* 7 ·48	27 ·66	21	3	Thur.	3	10 ·84	7 ·90	23	5	Wed.	4	*Bahula.* 12 ·00	14 ·72	26
6	Sun.	5	8 ·38	1 ·59	22	4	Fri.	4	*Bahula.* 11 ·78	8 ·88	24	6	Thur.	5	13 ·06	15 ·82	27
7	Mon.	6	9 ·28	2 ·52	23	5	Sat.	5	12 ·75	9 ·87	25	7	Fri.	6	14 ·14	16 ·92	28
8	Tues.	7	10 ·17	3 ·45	24	6	Sun.	6	13 ·73	10 ·88	26	8	Sat.	7	—**A** ·22	... ...	29
9	Wed.	8	11 ·07 / 12 ·97	4 ·38	*H.* 1027 *Rajab.* 25	7	Mon.	7	14 ·73	11 ·91	27	9	Sun.	8	1 ·31	17 ·04	—30
10	Thur.	9	13 ·89	5 ·33	26	8	Tues.	8	—**A** ·76	12 ·96	28	10	Mon.	9	2 ·39	18 ·14	1
11	Fri.	10	14 ·82	6 ·28	27	9	Wed.	9	1 ·81	... ...	29	11	Tues.	10	3 ·46	19 ·24	2
12	Sat.	11	—**A** ·76	7 ·24	28	10	Thur.	10	2 ·87	13 ·04	30	12	Wed.	11	4 ·52	20 ·31	3
13	Sun.	12	1 ·72	8 ·22	29	11	Fri.	11	3 ·94	14 ·12	1	13	Thur.	12	5 ·56	21 ·37	4
14	Mon.	13	2 ·70	9 ·22	—30	12	Sat.	12	... ...	15 ·22	2	14	Fri.	13	6 ·58	22 ·42	5
15	Tues.	14	3 ·70	10 ·25	1	13	Sun.	13	*Sukla.* 4 ·02	16 ·33	3	15	Sat.	14	7 ·56	23 ·44	6
16	Wed.	15	4 ·73	11 ·28	2	14	Mon.	14	5 ·11	17 ·43	4	16	Sun.	15	8 ·53	24 ·44	7
17	Thur.	16	5 ·76	12 ·34	3	15	Tues.	15	6 ·19	18 ·53	5	17	Mon.	16	9 ·49	25 ·42	8
18	Fri.	17	6 ·82	13 ·42	4	16	Wed.	16	7 ·26	19 ·63	6	18	Tues.	17	10 ·43	26 ·39	9
19	Sat.	18	*Sukla.* 7 ·90	14 ·51	5	17	Thur.	17	8 ·31	20 ·70	7	19	Wed.	18	11 ·35	27 ·35	10
20	Sun.	19	8 ·98	15 ·62	6	18	Fri.	18	9 ·35	21 ·75	8	20	Thur.	19	12 ·27	1 ·29	11
21	Mon.	20	... ..	16 ·73	7	19	Sat.	19	10 ·36	22 ·78	9	21	Fri.	20	13 ·18	2 ·22	12
22	Tues.	21	9 ·06	17 ·83	8	20	Sun.	20	11 ·35	23 ·78	10	22	Sat.	21	14 ·08 / **P** ·98	3 ·15	13
23	Wed.	22	10 ·14	18 ·93	9	21	Mon.	21	12 ·32	24 ·79	11						
24	Thur.	23	11 ·21	... ...	10	22	Tues.	22	13 ·28	25 ·76	12	23	Sun.	22	1 ·88	4 ·08	14
25	Fri.	24	12 ·26	19 ·01	11	23	Wed.	23	14 ·21	26 ·72	13	24	Mon.	23	2 ·79	5 ·01 / 6 ·96	15
26	Sat.	25	13 ·28	20 ·08	12	24	Thur.	24	**P** ·13	27 ·67	14	25	Tues.	24	3 ·71	7 ·91	16
27	Sun.	26	14 ·30	21 ·12	13	25	Fri.	25	1 ·05 / 2 ·95	1 ·60	15	26	Wed.	25	4 ·64	8 ·87	17
28	Mon.	27	**P** ·28	22 ·14	14	26	Sat.	26	3 ·85	2 ·54	16	27	Thur.	26	5 ·59	9 ·84	18
29	Tues.	28	1 ·26	23 ·14	15	27	Sun.	27	4 ·75	3 ·47	17	28	Fri.	27	*Bahula.* 6 ·56	10 ·84	19
30	Wed.	29	2 ·21	24 ·12	16	28	Mon.	28	5 ·65	4 ·40	18	29	Sat.	28	7 ·55	11 ·86	20
31	Thur.	30	3 ·14	25 ·09	17	29	Tues.	29	6 ·56	5 ·34	19	—30	Sun.	29	8 ·56	12 ·90	21
—32	Fri.	31	4 ·06 / 5 ·97	26 ·05 / 27 ·99	*H.* 1027 *Sha'bán.* 18	—30	Wed.	30	7 ·48	6 ·28	20	1	Mon.	30	9 ·58	13 ·95	22
	Aug.						**Oct.**						**Dec.**				
Kálayukta. **Siṁha—Avaṇi.** 1	Sat.	1	6 ·87	1 ·93	19	*Kálayukta.* **Tulá—Aippaśi.** 1	Thur.	1	8 ·41	7 ·24	21	2	Tues.	1	10 ·63	... ...	23
2	Sun.	2	7 ·77	2 ·86	20	2	Fri.	2	*Bahula.* 9 ·35	8 ·21	22	3	Wed.	2	11 ·70	14 ·03	24
3	Mon.	3	*Bahula.* 8 ·67	3 ·79	21	3	Sat.	3	10 ·32	9 ·19	23	4	Thur.	3	12 ·78	15 ·12	25
4	Tues.	4	9 ·57	4 ·73	22	4	Sun.	4	11 ·30	10 ·20	24	5	Fri.	4	13 ·86	16 ·23	26
5	Wed.	5	10 ·47	5 ·66	23	5	Mon.	5	12 ·31	11 ·22	25	6	Sat.	5	14 ·95	17 ·34	27
6	Thur.	6	11 ·39	6 ·61	24	6	Tues.	6	13 ·34	12 ·27	26	7	Sun.	6	... ...	18 ·44	28
7	Fri.	7	12 ·32	7 ·57	25	7	Wed.	7	14 ·39	13 ·34	27	8	Mon.	7	—**A** ·03	19 ·54	29
8	Sat.	8	13 ·26	8 ·55	26	8	Thur.	8	—**A** ·45	14 ·42	28	9	Tues.	8	1 ·10	20 ·62	—30
9	Sun.	9	14 ·22	9 ·55	27	9	Fri.	9	1 ·52	15 ·52	—29	10	Wed.	9	2 ·16	21 ·69	1
10	Mon.	10	—**A** ·20	10 ·56	28	10	Sat.	10	2 ·60	16 ·62	1	11	Thur.	10	3 ·20	22 ·74	2
11	Tues.	11	1 ·20	11 ·60	—29	11	Sun.	11	3 ·69	17 ·73	2	12	Fri.	11	4 ·22	23 ·76	3
12	Wed.	12	2 ·23	12 ·65	1	12	Mon.	12	4 ·77	18 ·84	3	13	Sat.	12	5 ·20	24 ·77	4
13	Thur.	13	3 ·27	13 ·72	2	13	Tues.	13	*Sukla.* 5 ·84	19 ·93	4	14	Sun.	13	6 ·18	25 ·75	5
14	Fri.	14	4 ·33	14 ·82	3	14	Wed.	14	6 ·90	... ...	5	15	Mon.	14	7 ·14	26 ·72	6
15	Sat.	15	5 ·40	15 ·92	4	15	Thur.	15	7 ·94	20 ·01	6	16	Tues.	15	8 ·08	27 ·68	7
16	Sun.	16	6 ·48	... ...	5	16	Fri.	16	8 ·95	21 ·06	7	17	Wed.	16	9 ·00 / 10 ·91	1 ·62	8
17	Mon.	17	7 ·57	16 ·03	6	17	Sat.	17	9 ·94	22 ·10	8						
18	Tues.	18	8 ·65	17 ·13	7	18	Sun.	18	10 ·91	23 ·12	9	18	Thur.	17	11 ·82	2 ·56	9
19	Wed.	19	9 ·72	18 ·23	8	19	Mon.	19	11 ·87	24 ·12	10	19	Fri.	18	12 ·72	3 ·49	10
20	Thur.	20	10 ·77	19 ·31	9	20	Tues.	20	12 ·81	25 ·09	11	20	Sat.	19	13 ·62	4 ·42	11
21	Fri.	21	11 ·81	20 ·39	10	21	Wed.	21	13 ·73	26 ·05	12	21	Sun.	20	14 ·52	5 ·36	12
22	Sat.	22	12 ·82	21 ·44	11	22	Thur.	22	14 ·64	27 ·00 / 1 ·95	13	22	Mon.	21	**P** ·43	6 ·29	13
23	Sun.	23	13 ·80	22 ·46	12							23	Tues.	22	1 ·35	7 ·24	14
24	Mon.	24	14 ·77	23 ·47	13	23	Fri.	23	**P** ·54	2 ·88	14	24	Wed.	23	2 ·29	8 ·20	15
25	Tues.	25	**P** ·72	24 ·45	14	24	Sat.	24	1 ·44	3 ·81	15	25	Thur.	24	3 ·24	9 ·17	16
26	Wed.	26	1 ·66	25 ·43	15	25	Sun.	25	2 ·34	4 ·74	16	26	Fri.	25	4 ·21	10 ·17	17
27	Thur.	27	2 ·58	26 ·39	16	26	Mon.	26	3 ·25	5 ·67	17	27	Sat.	26	5 ·20	11 ·18	18
28	Fri.	28	3 ·49	27 ·33	17	27	Tues.	27	4 ·16	6 ·62	18	28	Sun.	27	*Bahula.* 6 ·20	12 ·21	19
29	Sat.	29	4 ·39	1 ·26	18	28	Wed.	28	5 ·08	7 ·57	19	—29	Mon.	28	7 ·23	13 ·26	20
30	Sun.	30	5 ·29	2 ·19	19	29	Thur.	29	*Bahula.* 6 ·01 / 7 ·96	8 ·54	20	1	Tues.	29	8 ·28	14 ·33	21
—31	Mon.	31	6 ·19	3 ·13	20	—30	Fri.	30	8 ·93	9 ·52	21	2	Wed.	30	9 ·35	15 ·43	22
						1	Sat.	31	9 ·91	10 ·52	22	3	Thur.	31	10 ·42	16 ·53	23

13. Hasta. 14. Chit. 15. Svāti. 16. Višāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1619. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 28·91.** **Śaka 1541.** **Kaliyuga 4720.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·83.** **(S. Cycle) Siddhārthin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Fri.	1	11 ·50	17 ·63	24	4	Mon.	1	... ...	21 ·62	24	3	Sat.	1	12 07	27 ·35	26
5	Sat.	2	12 ·60	18 ·74	25	5	Tues.	2	11 ·04	22 ·68	25	4	Sun.	2	13 00 / 14 ·02	1 ·31	27
6	Sun.	3	13 ·68	19 ·84	26	6	Wed.	3	12 ·07	23 ·73	26	5	Mon.	3	A ·83	2 ·25	28
7	Mon.	4	14 ·75	20 ·93	27	7	Thur.	4	13 ·08	24 ·74	27	6	Tues.	4	1 ·73	3 ·19	29
8	Tues.	5	—A ·81	... ...	28	8	Fri.	5	14 ·07	25 ·74	28	7	Wed.	5	2 ·63	4 ·12	—30
9	Wed.	6	1 ·85	21 ·00	29	9	Sat.	6	—A ·05	26 ·72	29					5 ·06	
10	Thur.	7	2 ·86	22 ·05	—30	10	Sun.	7	1 ·00 / 2 ·94	27 ·68	—30	8	Thur.	6	3 ·53	6 ·99	1
11	Fri.	8	3 84	23 ·08	1							9	Fri.	7	4 ·43	7 ·93	2
12	Sat.	9	4 ·82	24 ·09	2	11	Mon.	8	3 ·86	1 ·63	1	10	Sat.	8	5 ·34	8 ·87	3
13	Sun.	10	5 ·78	25 ·08	3	12	Tues.	9	4 ·77	2 ·58	2	11	Sun.	9	6 ·25	9 ·83	4
14	Mon.	11	6 ·72	26 ·06	4	13	Wed.	10	5 ·67	3 ·51	3	12	Mon.	10	7 ·17	10 ·81	5
15	Tues.	12	7 ·65	27 ·01 / 1 ·96	5	14	Thur.	11	6 ·57	4 ·44	4	13	Tues.	11	8 ·12	11 ·79	6
16	Wed.	13	8 ·56	2 ·90	6	15	Fri.	12	7 ·47	5 ·37	5	14	Wed.	12	9 ·09	12 ·80	7
17	Thur.	14	9 ·46	3 ·83	7	16	Sat.	13	8 ·37	6 ·30	6	15	Thur.	13	10 ·07	13 ·83	8
18	Fri.	15	10 ·36	4 ·77	8	17	Sun.	14	9 ·28	7 ·25	7	16	Fri.	14	11 ·06	14 ·87	9
19	Sat.	16	11 ·26	5 ·70	9	18	Mon.	15	10 ·20	8 ·20	8	17	Sat.	15	12 ·09	15 ·94	10
20	Sun.	17	12 ·17	6 ·63	10	19	Tues.	16	11 ·13	9 ·16	9	18	Sun.	16	13 ·13	... ...	11
21	Mon.	18	13 ·08	7 ·57	11	20	Wed.	17	12 ·08	10 ·14	10	19	Mon.	17	14 ·19	16 ·03	12
22	Tues.	19	14 ·00 / P ·93	8 ·53	12	21	Thur.	18	13 ·04	11 ·14	11	20	Tues.	18	P ·27	17 ·13	13
23	Wed.	20	1 ·88	9 ·51	13	22	Fri.	19	14 ·02	12 ·16	12	21	Wed.	19	1 ·35	18 ·24	14
24	Thur.	21	2 85	10 ·49	14	23	Sat.	20	P ·03	13 ·20	13	22	Thur.	20	2 ·43	19 ·35	15
25	Fri.	22	3 ·83	11 ·50	15	24	Sun.	21	1 ·05	14 ·26	14	23	Fri.	21	3 ·51	20 ·45	16
26	Sat.	23	4 ·84	12 ·52	16	25	Mon.	22	2 ·10	15 ·33	15	24	Sat.	22	4 ·58	21 ·54	17
27	Sun.	24	5 ·87	13 ·57	17	26	Tues.	23	3 ·16	16 ·43	16	25	Sun.	23	5 ·62	22 ·62	18
28	Mon.	25	6 ·92	14 ·65	18	27	Wed.	24	4 ·24	17 ·54	17	26	Mon.	24	6 ·65	23 ·67	19
29	Tues.	26	7 ·98	15 ·73	19	28	Thur.	25	5 ·32	18 ·64	18	27	Tues.	25	7 ·68	24 ·70	20
—30	Wed.	27	... ...	16 ·83	20	29	Fri.	26	6 ·40	19 ·75	19	28	Wed.	26	8 ·64	25 ·71	21
1	Thur.	28	8 ·06	17 ·93	21	30	Sat.	27	7 ·48	20 ·84	20	29	Thur.	27	9 ·61	26 ·71	22
2	Fri.	29	9 ·15	... ...	22	—31	Sun.	28	8 ·55	21 ·92	21	30	Fri.	28	10 ·56	27 ·68	23
3	Sat.	30	10 ·24	18 ·04	23	1	Mon.	29	9 ·60	22 ·99	22	—31	Sat.	29	11 ·49	1 ·64	24
4	Sun.	31	11 ·32	19 ·14	24	2	Tues.	30	10 ·63	... ...	23	1	Sun.	30	12 ·41	2 ·59	25
						3	Wed.	31	11 ·65	23 ·04	24	2	Mon.	31	13 ·31	3 ·53	26
	Feb.						**April.**						**June.**				
5	Mon.	1	12 ·39	20 ·24	25	4	Thur.	1	12 ·63	24 ·06	25	3	Tues.	1	14 ·21	4 ·47	27
6	Tues.	2	13 ·44	21 ·31	26	5	Fri.	2	13 ·60	25 ·06	26	4	Wed.	2	—A ·11	5 ·40	28
7	Wed.	3	14 ·48	22 ·36	27	6	Sat.	3	14 ·55	26 ·05	27	5	Thur.	3	1 ·01 / 2 ·91	6 ·33	—29
8	Thur.	4	—A ·49	23 ·40	28	7	Sun.	4	—A ·49	27 ·01 / 1 ·98	28						
9	Fri.	5	1 ·48	24 ·42	—29							6	Fri.	4	3 ·82	7 ·26	1
10	Sat.	6	2 ·45	25 ·41	1	8	Mon.	5	1 ·41	2 ·92	—29	7	Sat.	5	4 ·73	8 ·20	2
11	Sun.	7	3 40	26 ·39	2	9	Tues.	6	2 ·32	3 ·85	1	8	Sun.	6	5 ·66	9 ·16	3
12	Mon.	8	4 ·34	27 ·35	3	10	Wed.	7	3 ·22	4 ·78	2	9	Mon.	7	6 ·60	10 ·13	4
13	Tues.	9	5 ·27	1 ·30	4	11	Thur.	8	4 ·11	5 ·71	3	10	Tues.	8	7 ·56	11 ·12	5
14	Wed.	10	6 ·18	2 ·23	5	12	Fri.	9	5 ·01 / 6 ·91	6 ·65	4	11	Wed.	9	8 ·54	12 ·12	6
15	Thur.	11	7 ·08 / 8 ·98	3 ·17	6	13	Sat.	10	7 ·82	7 ·59	5	12	Thur.	10	9 ·54	13 ·14	7
16	Fri.	12	9 ·88	4 ·10	7	14	Sun.	11	8 ·74	8 ·54	6	13	Fri.	11	10 ·57	14 ·18	8
17	Sat.	13	10 ·79	5 ·03 / 6 ·97	8	15	Mon.	12	9 ·67	9 ·49	7	14	Sat.	12	11 ·61	15 ·26	9
18	Sun.	14	11 ·70	7 ·91	9	16	Tues.	13	10 ·62	10 ·47	8	15	Sun.	13	12 ·67	16 ·34	10
19	Mon.	15	12 ·62	8 ·87	10	17	Wed.	14	11 ·58	11 ·47	9	16	Mon.	14	13 ·75	17 ·43	11
20	Tues.	16	13 ·55	9 ·84	11	18	Thur.	15	12 ·56	12 ·48	10	17	Tues.	15	14 ·84	18 ·54	12
21	Wed	17	14 ·50	10 ·82	12	19	Fri.	16	13 ·56	13 ·51	11	18	Wed ○	16	P ·92	19 ·64	13
22	Thur.	18	P ·46	11 ·82	13	20	Sat.	17	14 ·58	14 ·56	12	19	Thur.	17	1 ·99	20 ·76	14
23	Fri.	19	1 ·44	12 ·84	14	21	Sun.	18	P ·63	15 ·64	13	20	Fri.	18	.. ...	21 85	15
24	Sat.	20	2 ·45	13 ·89	15	22	Mon.	19	1 ·69	16 ·73	14	21	Sat.	19	2 ·05	22 ·92	16
25	Sun.	21	3 48	14 ·95	16	23	Tues.	20	2 ·77	17 ·84	15	22	Sun.	20	3 ·10	23 ·98	17
26	Mon.	22	4 ·53	... ...	17	24	Wed.	21	3 ·85	18 ·94	16	23	Mon.	21	4 ·13	. ..	18
27	Tues.	23	5 ·59	15 ·03	18	25	Thur.	22	4 ·93	... ...	17	24	Tues.	22	5 ·14	24 ·02	19
28	Wed.	24	6 ·67	16 ·13	19	26	Fri.	23	...	19 ·05	18	25	Wed.	23	6 ·13	25 ·04	20
—29	Thur.	25	7 ·76	17 ·23	20	27	Sat.	24	5 ·01	20 ·14	19	26	Thur.	24	7 ·09	26 ·04	21
1	Fri.	26	8 ·84	18 ·35	21	28	Sun.	25	6 08	21 23	20	27	Fri.	25	8 03 / 9 ·98	27 ·01 / 1 ·98	22
2	Sat.	27	9 ·92	19 ·45	22	29	Mon.	26	7 ·13	22 ·31	21	28	Sat.	26	10 ·88	2 ·93	23
3	Sun.	28	10 ·99	20 ·54	23	30	Tues.	27	8 ·15	23 ·35	22	29	Sun.	27	11 ·79	3 ·87	24
						—31	Wed.	28	9 ·17	24 ·38	23	30	Mon.	28	12 ·69	4 ·81	25
						1	Thur.	29	10 ·15	25 ·39	24	31	Tues.	29	13 ·59	5 ·74	26
						2	Fri.	30	11 ·13	26 ·37	25	—32	Wed.	30	14 ·48	6 ·67	27

Kalayukta. **Makara—Tai.** | *Kalayukta.* **Kumbha—Māśi.** | *Kalayukta.* **Mīna—Paiguni.** | *Siddhārtin.* **Mēsha—Chittirai.** | *Siddhārtin.* **Vrishabha—Vaigāśi.** | *Siddhārtin.* **Mithuna—Āni.**

Śukla. **Māgha.** | *Śukla.* **Phālguna.** | *Śukla.* **Chaitra.** | *Śukla.* **Vaiśākha.** | *Śukla.* **Jyeshtha.** | *Śukla.* **Āshādha.**

Bahula. | *Bahula.* | *Bahula.* | *Bahula.* | *Bahula.* | *Bahula.*

H. 1028 *Śafar.* | *H.* 1028 *Rabī-ul ākhir.* | *H.* 1028 *Rabī-ul ākhir.* | *H.* 1028 *Jumāda'l awwal.* | *H.* 1028 *Jumāda'l ākhir.* | *H.* 1028 *Rajab.*

Naksh:—1. Aśvin. 2 Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1619. **Kollam 795,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1029.** Commences **Nov. 28.** **Vikrama 1676.** **Bengal San. 1025.** **(N. Cycle) Vibhava.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Siddhārtin. **Karkataka—Ādi.**			*Sukla.* **Adhika Śrāvana.** *Bahula.*		*H.* 1028 *Śha'bān.*	*Siddhārtin.* **Kanyā—Puraṭṭāsi.**			*Sukla.* **Bhādrapada.** *Bahula.*		*H.* 1028 *Shawwāl.*	*Siddhārtin.* **Vṛiśchika—Kārttigai.**			*Sukla.* **Kārttika.** *Bahula.*		*H.* 1028 *Zi-l-ka'da.*
1	Thur. ●1	—**A** ·38	7 ·60	28		1	Wed. 1	3 ·05	14 ·13	1		1	Mon. 1	5 ·61	20 ·25	3	
2	Fri. 2	1 ·29	8 ·54	29		2	Thur. 2	4 ·07	15 ·18	2		2	Tues. 2	6 ·69	21 ·36	4	
3	Sat. 3	2 ·21	9 ·50	—30		3	Fri. 3	5 ·12	16 ·25	3		3	Wed. 3	7 ·76	22 ·46	5	
4	Sun. 4	3 ·14	10 ·46	1		4	Sat. 4	6 ·18	17 ·34	4		4	Thur. 4	8 ·82	23 ·53	6	
5	Mon. 5	4 ·08	11 ·44	2		5	Sun. 5	7 ·26	18 ·44	5		5	Fri. 5	9 ·85	24 ·59	7	
6	Tues. 6	5 ·05	12 ·44	3		6	Mon. 6	8 ·34	19 ·55	6		6	Sat. 6	10 ·86	25 ·63	8	
7	Wed. 7	6 ·02	13 ·46	4		7	Tues. 7	9 ·43	20 ·65	7		7	Sun. 7	11 ·84	26 ·66	9	
8	Thur. 8	7 ·03	14 ·50	5		8	Wed. 8	10 ·51	21 ·75	8		8	Mon. 8	12 ·82	27 ·66	10	
9	Fri. 9	8 ·05	15 ·56	6		9	Thur. 9	11 ·57	22 ·84	9		9	Tues. 9	13 ·77	1 ·64	11	
10	Sat. 10	9 ·09	16 ·64	7		10	Fri. 10	12 ·62	23 ·92	10		10	Wed. 10	14 ·71	2 ·60	12	
11	Sun. 11	10 ·15	17 ·73	8		11	Sat. 11	13 ·65	24 ·97	11		11	Thur. 11	P ·63	3 ·56	13	
12	Mon. 12	11 ·23	18 ·84	9		12	Sun. 12	14 ·67	... ...	12		12	Fri. 12	1 ·55	4 ·51	14	
13	Tues. 13	12 ·32	19 ·93	10		13	Mon. 13	P ·65	25 ·00	13		13	Sat. 13	2 ·45	5 ·44	15	
14	Wed. 14	13 ·40	... ...	11		14	Tues. 14	1 ·62	26 ·01	14		14	Sun. 14	3 ·35	6 ·37	16	
15	Thur. 15	14 ·48	20 ·06	12		15	Wed. 15	2 ·57	27 ·00 / 1 ·98	15		15	Mon. 15	4 ·25	7 ·30	17	
16	Fri. 16	P ·54	21 ·15	13		16	Thur. 16	3 ·51	2 ·94	16		16	Tues. 16	5 ·16	8 ·23	18	
17	Sat. 17	1 ·58	22 ·23	14		17	Fri. 17	4 ·43	3 ·88	17		17	Wed. 17	6 ·07 / 7 ·99	9 ·17	19	
18	Sun. 18	2 ·61	23 ·29	15		18	Sat. 18	5 ·34	4 ·82	18		18	Thur. 18	8 ·93	10 ·13	20	
19	Mon. 19	3 ·62	24 ·34	16		19	Sun. 19	6 ·24	5 ·75	19		19	Fri. 19	9 ·88	11 ·09	21	
20	Tues. 20	4 ·61	25 ·36	17		20	Mon. 20	7 ·14	6 ·69	20		20	Sat. 20	10 ·85	12 ·06	22	
21	Wed. 21	5 ·57	26 ·36	18		21	Tues. 21	8 ·04 / 9 ·94	7 ·62	21		21	Sun. 21	11 ·83	13 ·06	23	
22	Thur. 22	6 ·52	27 ·34	19		22	Wed. 22	10 ·85	8 ·56	22		22	Mon. 22	12 ·84	14 ·07	24	
23	Fri. 23	7 ·45	1 ·31	20		23	Thur. 23	11 ·77	9 ·50	23		23	Tues. 23	13 ·87	15 ·12	25	
24	Sat. 24	8 ·37	2 ·26	21		24	Fri. 24	12 ·71	10 ·45	24		24	Wed. 24	14 ·92	16 ·17	26	
25	Sun. 25	9 ·27	3 ·21	22		25	Sat. 25	13 ·66	11 ·43	25		25	Thur. 25	—**A** ·99	17 ·25	27	
26	Mon. 26	10 ·17	4 ·15	23		26	Sun. 26	14 ·62	12 ·41	26		26	Fri. 26	... ...	18 ·34	28	
27	Tues. 27	11 ·07 / 12 ·97	5 ·07	24		27	Mon. 27	—**A** ·61	13 ·42	27		27	Sat. 27	1 ·07	19 ·44	—29	
28	Wed. 28	13 ·87	6 ·00 / 7 ·94	25		28	Tues. 28	1 ·61	14 ·44	28		28	Sun. 28	2 ·16	20 ·56	1	
29	Thur. 29	14 ·78	8 ·88	26		29	Wed. 29	2 ·64	15 ·49	—29		—29	Mon. 29	3 ·25	21 ·66	2	
30	Fri. 30	—**A** ·70	9 ·83	27		30	Thur. 30	3 ·69	16 ·56	1		1	Tues. 30	4 ·33	22 ·76	3	
—31	Sat. 31	1 ·63	10 ·79	28													
	Aug.						**Oct.**						**Dec.**				
Siddhārtin. **Siṁha—Āvaṇi.**			*Sukla.* **Bhādrapada.** *Bahula.*		*H.* 1028 *Ramażān.*	*Siddhārtin.* **Tulā—Aippaśi.**			*Sukla.* **Āśvina.** *Bahula.*		*H.* 1028 *Zi-l-ka'da.*	*Siddhārtin.* **Dhanus—Mārgaḷi.**			*Sukla.* **Mārgaśirsha.** *Bahula.*		*H.* 1029 *Zi-l-ḥijja.*
1	Sun. 1	2 ·58	11 ·77	—29		—31	Fri. 1	4 ·75	17 ·64	2		2	Wed. 1	5 ·40	23 ·84	4	
2	Mon. 2	3 ·54	12 ·76	1		1	Sat. 2	5 ·83	18 ·74	3		3	Thur. 2	6 ·45	24 ·90	5	
3	Tues. 3	4 ·51	13 ·78	2		2	Sun. 3	6 ·91	19 ·85	4		4	Fri. 3	7 ·49	25 ·96	6	
4	Wed. 4	5 ·52	14 ·81	3		3	Mon. 4	... ...	20 ·95	5		5	Sat. 4	8 ·50	26 ·98	7	
5	Thur. 5	6 ·55	15 ·87	4		4	Tues. 5	7 ·00	... ..	6		6	Sun. 5	9 ·49	27 ·99	8	
6	Fri. 6	7 ·60	16 ·94	5		5	Wed. 6	8 ·08	21 ·05	7		7	Mon. 6	10 ·46	1 ·97	9	
7	Sat. 7	8 ·66	... ...	6		6	Thur. 7	9 ·16	22 ·15	8		8	Tues. 7	11 ·42	2 ·94	10	
8	Sun. 8	9 ·73	17 ·03	7		7	Fri. 8	10 ·21	23 ·23	9		9	Wed. 8	12 ·35	3 ·90	11	
9	Mon. 9	10 ·81	18 ·14	8		8	Sat. 9	11 ·23	24 ·28	10		10	Thur. 9	13 ·27	4 ·84	12	
10	Tues. 10	11 ·90	19 ·25	9		9	Sun. 10	12 ·25	25 ·32	11		11	Fri. 10	14 ·19	5 ·78	13	
11	Wed. 11	12 ·98	20 ·35	10		10	Mon. 11	13 ·23	26 ·33	12		12	Sat. ○11	P ·10	6 ·71	14	
12	Thur. 12	... ...	21 ·45	11		11	Tues. 12	14 ·20	27 ·34	13		13	Sun. 12	1 ·00 / 2 ·90	7 ·64	15	
13	Fri. 13	13 ·04	22 ·54	12		12	Wed. 13	P ·15	1 ·31	14		14	Mon. 13	3 ·81	8 ·57	16	
14	Sat. 14	14 ·09	23 ·61	13		13	Thur. 14	1 ·09	2 ·27	15		15	Tues. 14	4 ·72	9 ·51	17	
15	Sun. 15	P ·11	24 ·66	14		14	Fri. 15	2 ·02 / 3 ·93	3 ·22	16		16	Wed. 15	5 ·64	10 ·46	18	
16	Mon. 16	1 ·12	25 ·68	15		15	Sat. 16	4 ·83	4 ·16	17		17	Thur. 16	6 ·57	11 ·42	19	
17	Tues. 17	2 ·11	26 ·69	16		16	Sun. 17	5 ·73	5 ·10	18		18	Fri. 17	7 ·52	12 ·39	20	
18	Wed. 18	3 ·08	27 ·67	17		17	Mon. 18	6 ·63	6 ·03 / 7 ·96	19		19	Sat. 18	8 ·49	13 ·38	21	
19	Thur. 19	4 ·03 / 5 ·97	1 ·64	18		18	Tues. 19	7 ·53	8 ·89	20		20	Sun. 19	9 ·48	14 ·40	22	
20	Fri. 20	6 ·89	2 ·60	19		19	Wed. 20	8 ·45	9 ·83	21		21	Mon. 20	10 ·49	15 ·43	23	
21	Sat. 21	7 ·79	3 ·55	20		20	Thur. 21	9 ·37	10 ·79	22		22	Tues. 21	11 ·53	16 ·48	24	
22	Sun. 22	8 ·69	4 ·48	21		21	Fri. 22	10 ·31	11 ·76	23		23	Wed. 22	12 ·58	17 ·55	25	
23	Mon. 23	9 ·59	5 ·41	22		22	Sat. 23	11 ·25	12 ·74	24		24	Thur. 23	13 ·64	18 ·64	26	
24	Tues. 24	10 ·49	6 ·34	23		23	Sun. 24	12 ·21	13 ·74	25		25	Fri. 24	14 ·71	19 ·75	27	
25	Wed. 25	11 ·39	7 ·28	24		24	Mon. 25	13 ·20	14 ·76	26		26	Sat. 25	—**A** ·80	20 ·85	28	
26	Thur. 26	12 ·30	8 ·22	25		25	Tues. 26	14 ·21	15 ·80	27		27	Sun. 26	1 ·89	21 ·96	29	
27	Fri. 27	13 ·22	9 ·16	26		26	Wed. 27	—**A** ·24	16 ·87	28		28	Mon. 27	2 ·97	... ...	—30	
28	Sat. 28	14 ·15	10 ·82	27		27	Thur. 28	1 ·29	17 ·95	29		—29	Tues. 28	... ...	22 ·06	1	
29	Sun. 29	—**A** ·10	11 ·09	28		28	Fri. 29	2 ·36	... ...	—30		1	Wed. 29	3 ·04	23 ·15	2	
30	Mon. 30	1 ·06	12 ·09	29		29	Sat. 30	3 ·44	18 ·04	1		2	Thur. 30	4 ·10	24 ·22	3	
—31	Tues. 31	2 ·04	13 ·10	—30		—30	Sun. 31	4 ·52	19 ·14	2		3	Fri. 31	5 ·13	25 ·27	4	

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1620. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·17.** **Śaka 1542.** **Kaliyuga 4721.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·09.** **(S. Cycle) Raudra.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Sat.	1	*Śukla.* 6 ·14	26 ·30	5	4	Wed.	1	7 ·14	5 ·79	6	4	Mon.	1	10 ·56	11 ·09	8
5	Sun.	2	7 ·13	27 ·31	6				8 ·05			5	Tues.	2	11 ·49	12 ·04	9
6	Mon.	3	8 ·11	1 ·30	7	5	Thur.	2	9 ·95	6 ·73	7	6	Wed.	3	12 ·44	13 ·01	10
7	Tues.	4	9 ·06	2 ·27	8	6	Fri	3	10 ·35	7 ·66	8	7	Thur.	4	13 ·41	14 ·00	11
8	Wed.	5	10 ·00 / 11 ·92	3 ·23	9	7	Sat.	4	11 ·76	8 ·59	9	8	Fri.	5	14 ·38	15 ·02	12
9	Thur.	6	12 ·83	4 ·18	10	8	Sun.	5	12 ·67	9 ·52	10	9	Sat.	6	ℙ ·39	16 ·05	13
10	Fri.	7	13 ·73	5 ·12	11	9	Mon.	6	13 ·58	10 ·46	11	10	Sun.	7	1 ·42	17 ·09	14
11	Sat.	8	14 ·63	6 ·05 / 7 ·98	12	10	Tues.	7	14 ·50	11 ·42	12	11	Mon.	8	2 ·46	18 ·16	15
12	Sun.	9	ℙ ·53	8 ·92	13	11	Wed.	8	ℙ ·43	12 ·38	13	12	Tues.	9	3 ·52	19 ·25	16
13	Mon.	10	1 ·44	9 ·85	14	12	Thur.	9	1 ·38	13 ·36	14	13	Wed.	10	4 ·60	20 ·35	17
14	Tues.	11	2 ·36	10 ·79	15	13	Fri.	10	2 ·34	14 ·36	15	14	Thur.	11	5 ·69	21 ·46	18
15	Wed.	12	3 ·29	11 ·75	16	14	Sat.	11	3 ·33	15 ·37	16	15	Fri.	12	6 ·77	22 ·57	19
16	Thur.	13	4 ·22	12 ·72	17	15	Sun.	12	4 ·33	16 ·42	17	16	Sat.	13	7 ·84	23 ·67	20
17	Fri.	14	5 ·17	13 ·71	18	16	Mon.	13	5 ·36	17 ·48	18	17	Sun.	14	8 ·90	24 ·76	21
18	Sat.	15	6 ·13	14 ·72	19	17	Tues.	14	6 ·41	18 ·55	19	18	Mon.	15	9 ·95	25 ·84	22
19	Sun.	16	7 ·12	15 ·74	20	18	Wed.	15	7 ·48	19 ·65	20	19	Tues.	16	10 ·98	26 ·89	23
20	Mon.	17	8 ·13	16 ·79	21	19	Thur.	16	8 ·56	20 ·75	21	20	Wed.	17	11 ·98	27 ·92	24
21	Tues.	18	9 ·16	17 ·86	22	20	Fri.	17	9 ·64	21 ·85	22	21	Thur.	18	12 ·97	1 ·93	25
22	Wed.	19	10 ·21	18 ·95	23	21	Sat.	18	10 ·72	22 ·97	23	22	Fri.	19	13 ·93	2 ·93	26
23	Thur.	20	11 ·28	... ...	24	22	Sun.	19	11 ·80	... ...	24	23	Sat.	20	14 ·88	3 ·90	27
24	Fri.	21	12 ·36	19 ·05	25	23	Mon.	20	12 ·87	23 ·06	25	24	Sun.	21	A ·81	4 ·86	28
25	Sat.	22	13 ·44	20 ·15	26	24	Tues.	21	13 ·92	24 ·15	26	25	Mon.	22	1 ·73	5 ·81	29
26	Sun.	23	14 ·53	21 ·26	27	25	Wed.	22	14 ·95	25 ·21	27	26	Tues.	23	2 ·63	6 ·75	1
27	Mon.	24	A ·61	22 ·36	28	26	Thur.	23	A ·96	26 ·25	28	27	Wed.	24	3 ·53	7 ·68	2
28	Tues.	25	1 ·68	23 ·46	29	27	Fri.	24	1 ·94	27 ·28	29	28	Thur.	25	4 ·43	8 ·61	3
29	Wed.	26	2 ·73	24 ·53	1	28	Sat.	25	2 ·90	1 ·28	1	29	Fri.	26	5 ·33	9 ·55	4
30	Thur.	27	3 ·76	25 ·58	2	29	Sun.	26	3 ·85	2 ·27	2	30	Sat.	27	6 ·23	10 ·48	5
1	Fri.	28	4 ·78	26 ·62	3	30	Mon.	27	4 ·79	3 ·23	3	31	Sun.	28	7 ·13	11 ·42	6
2	Sat.	29	5 ·77	27 ·63	4	1	Tues.	28	5 ·71	4 ·19	4	1	Mon.	29	8 ·05 / 9 ·97	12 ·38	7
3	Sun.	30	6 ·74	1 ·62	5	2	Wed.	29	6 ·62	5 ·14	5	2	Tues.	30	10 ·92	13 ·34	8
4	Mon.	31	7 ·69	2 ·61	6	3	Thur.	30	7 ·52	6 ·07	6	3	Wed.	31	11 ·89	14 ·34	9
	Feb.					4	Fri.	31	8 ·42	7 ·00 / 8 ·93	7						
5	Tues.	1	*Śukla.* 8 ·62	3 ·57	7		**April.**						**June.**				
6	Wed.	2	9 ·55	4 ·51	8	5	Sat.	1	9 ·32	9 ·86	8	4	Thur.	1	12 ·87	15 ·34	10
7	Thur.	3	10 ·46	5 ·45	9	6	Sun.	2	10 ·22	10 ·81	9	5	Fri.	2	13 ·77	16 ·36	11
8	Fri.	4	11 ·37	6 ·38	10	7	Mon.	3	11 ·13	11 ·76	10	6	Sat.	3	14 ·90	17 ·40	12
9	Sat.	5	12 ·27	7 ·32	11	8	Tues.	4	12 ·05 / 13 ·98	12 ·71	11	7	Sun. ○	4	ℙ ·95	18 ·47	13
10	Sun.	6	13 ·17	8 ·25	12	9	Wed.	5	14 ·92	13 ·69	12	8	Mon.	5	... ...	19 ·56	14
11	Mon.	7	14 ·07 / ℙ ·98	9 ·19	13	10	Thur.	6	ℙ ·89	14 ·68	13	9	Tues.	6	1 ·01	20 ·65	15
12	Tues.	8	1 ·90	10 ·13	14	11	Fri.	7	1 ·87	15 ·69	14	10	Wed.	7	2 ·09	21 ·76	16
13	Wed.	9	2 ·84	11 ·08	15	12	Sat.	8	2 ·87	16 ·73	15	11	Thur.	8	3 ·17	22 ·86	17
14	Thur.	10	3 ·79	12 ·06	16	13	Sun.	9	3 ·90	17 ·79	16	12	Fri.	9	4 ·25	23 ·97	18
15	Fri.	11	4 ·75	13 ·04	17	14	Mon.	10	4 ·95	18 ·86	17	13	Sat.	10	5 ·32	... ...	19
16	Sat.	12	5 ·74	14 ·04	18	15	Tues.	11	... ...	19 ·95	18	14	Sun.	11	6 ·38	24 ·07	20
17	Sun.	13	6 ·75	15 ·06	19	16	Wed.	12	5 ·02	... ...	19	15	Mon.	12	7 ·43	25 ·14	21
18	Mon.	14	7 ·78	16 ·10	20	17	Thur.	13	6 ·10	20 ·05	20	16	Tues.	13	8 ·46	26 ·20	22
19	Tues.	15	8 ·83	17 ·17	21	18	Fri.	14	7 ·18	21 ·16	21	17	Wed.	14	9 ·47	27 ·24	23
20	Wed.	16	9 ·89	18 ·25	22	19	Sat.	15	8 ·26	22 ·27	22	18	Thur.	15	10 ·45	1 ·25	24
21	Thur.	17	10 ·97	19 ·35	23	20	Sun.	16	9 ·34	23 ·37	23	19	Fri.	16	11 ·41	2 ·25	25
22	Fri.	18	... ...	20 ·45	24	21	Mon.	17	10 ·40	24 ·45	24	20	Sat.	17	12 ·35	3 ·28	26
23	Sat.	19	11 ·06	21 ·56	25	22	Tues.	18	11 ·45	25 ·52	25	21	Sun.	18	13 ·28	4 ·20	27
24	Sun.	20	12 ·15	22 ·66	26	23	Wed.	19	12 ·48	26 ·57	26	22	Mon.	19	14 ·20	5 ·14	28
25	Mon.	21	13 ·23	23 ·76	27	24	Thur.	20	13 ·48	27 ·60	27	23	Tues.	20	A ·11	6 ·08	29
26	Tues.	22	14 ·30	24 ·84	28	25	Fri.	21	14 ·47	1 ·61	28	24	Wed.	21	1 ·01 / 2 ·90	7 ·02 / 8 ·96	30
27	Wed.	23	A ·35	25 ·90	29	26	Sat.	22	A ·43	2 ·59	29	25	Thur.	22	3 ·80	9 ·89	1
28	Thur.	24	1 ·37	26 ·93	30	27	Sun.	23	1 ·38	3 ·56	30	26	Fri.	23	4 ·70	10 ·82	2
29	Fri.	25	2 ·39	27 ·95	1	28	Mon.	24	2 ·31	4 ·53	1	27	Sat.	24	5 ·60	11 ·76	3
30	Sat.	26	3 ·37	1 ·96	2	29	Tues.	25	3 ·23	5 ·47	2	28	Sun.	25	6 ·52	12 ·71	4
1	Sun.	27	4 ·34	2 ·94	3	30	Wed.	26	4 ·14	6 ·41	3	29	Mon.	26	7 ·45	13 ·68	5
2	Mon.	28	5 ·29	3 ·90	4	31	Thur.	27	5 ·04 / 6 ·94	7 ·34	4	30	Tues.	27	8 ·40	14 ·66	6
3	Tues.	29	6 ·22	4 ·85	5	1	Fri.	28	7 ·84	8 ·27	5	31	Wed.	28	9 ·36	15 ·68	7
						2	Sat.	29	8 ·74	9 ·21	6	32	Thur.	29	10 ·35	16 ·68	8
						3	Sun.	30	9 ·64	10 ·14	7	1	Fri.	30	11 ·35	17 ·71	9

Siddhārtin. **Makara—Tai.** *Bahula.* **Pusha.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Śukla.* **Jyeshtha.** *Bahula.*

Siddhārtin. **Kumbha—Māsi.** *Śukla.* *Raudra.* **Mīna—Pāṅguni.** *Bahula.* *Raudra.* **Mēsha—Chittirai.** *Śukla.* *Raudra.* **Vrishabha—Vaigāsi.** *Bahula.* *Raudra.* **Mithuna—Āni.** *Śukla.*

H. 1029 *Śafar.* *H.* 1029 *Rabi-ul awwal.* *H.* 1029 *Rabi-ul ākhir.* *H.* 1029 *Jamāda'l awwal.* *H.* 1029 *Rajab.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1620. **Kollam 796,** { **N. Malabar—July.** **Hijra 1030.** **Vikrama 1677.**
A—Amāvāsyā. Commences { **S. Malabar—Sep.** Commences **Nov. 16.** **Bengal San. 1026.**
P—Paurnimā. **(N. Cycle) Śukla.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.						**Sep.**						**Nov.**			
Raudra. **Karkataka—Ādi.**			*Bahula.* **Āshādha.**		*H.* 1029 *Sha'bān.*	*Raudra.* **Kanyā—Puraṭṭāśi.**			*Bahula.* **Bhād.**		*H.* 1029 *Shawwāl.*	*Raudra.* **Vṛiśchika—Kārttigai.**			*Bahula.* **Mārgaśirsha.**		*H.* 1030 *Muharram.*
2	Sat.	1	12 ·38	18 ·78	10	1	Fri.	1	P ·89	... ...	13	2	Wed.	1	1 ·11	4 ·86	15
3	Sun.	2	13 ·42	19 ·86	11	2	Sat.	2	1 ·94	25 ·06	14	3	Thur.	2	2 ·06 3 ·99	5 ·82	16
4	Mon.	3	14 ·48	20 ·95	12	3	Sun.	3	2 ·97	26 ·13	15						
5	Tues.	4	P ·56	... ...	13	4	Mon.	4	3 ·97	27 ·19	16	4	Fri.	3	4 ·92	6 ·77	17
6	Wed.	5	1 ·65	21 ·06	14	5	Tues.	5	4 ·96	1 ·22	17	5	Sat.	4	5 ·83	7 ·72	18
7	Thur.	6	2 ·73	22 ·16	15	6	Wed.	6	5 ·92	2 ·23	18	6	Sun.	5	6 ·73	8 ·65	19
8	Fri.	7	3 ·81	23 ·28	16	7	Thur.	7	6 ·87	3 ·22	19	7	Mon.	6	7 ·63	9 ·59	20
9	Sat.	8	4 ·87	24 ·37	17	8	Fri.	8	7 ·80	4 ·19	20	8	Tues.	7	8 ·53	10 ·52	21
10	Sun.	9	5 ·91	25 ·45	18	9	Sat.	9	8 ·72	5 ·16	21	9	Wed.	8	9 ·44	11 ·45	22
11	Mon.	10	6 ·94	26 ·51	19	10	Sun.	10	9 ·63	6 ·10	22	10	Thur.	9	10 ·35	12 ·39	23
12	Tues.	11	7 ·95	27 ·55	20	11	Mon.	11	10 ·53	7 ·04 8 ·97	23	11	Fri.	10	11 ·27	13 ·34	24
13	Wed.	12	8 ·93	1 ·57	21							12	Sat.	11	12 ·21	14 ·31	25
14	Thur.	13	9 ·89	2 ·58	22	12	Tues.	12	11 ·43	9 ·90	24	13	Sun.	12	13 ·17	15 ·28	26
15	Fri.	14	10 ·84	3 ·56	23	13	Wed.	13	12 ·33	10 ·84	25	14	Mon.	13	14 ·13	16 ·28	27
16	Sat.	15	11 ·77	4 ·53	24	14	Thur.	14	13 ·23	11 ·78	26	15	Tues.	14	—A ·11	17 ·29	28
17	Sun.	16	12 ·68	5 ·48	25	15	Fri.	15	14 ·14	12 ·72	27	16	Wed.	15	1 ·13	18 ·33	—29
18	Mon.	17	13 ·59	6 ·42	26	16	Sat.	16	—A ·06	13 ·67	28	17	Thur.	16	2 ·16	19 ·39	1
19	Tues.	18	14 ·49	7 ·36	27	17	Sun.	17	1 ·00 2 ·95	14 ·64	—29	18	Fri.	17	3 ·21	20 ·47	2
20	Wed.	19	—A ·39	8 ·29	28							19	Sat.	18	4 ·28	21 ·56	3
21	Thur.	20	1 ·29	9 ·22	—29	18	Mon.	18	3 ·92	15 ·62	1	20	Sun.	19	5 ·36	22 ·66	4
22	Fri.	21	2 ·19	10 ·16	1	19	Tues.	19	4 ·90	16 ·64	2	21	Mon.	20	6 ·45	23 ·77	5
23	Sat.	22	3 ·10	11 ·09	2	20	Wed.	20	5 ·91	17 ·66	3	22	Tues.	21	7 ·54	24 ·88	6
24	Sun.	23	4 ·01 5 ·94	12 ·05	3	21	Thur.	21	6 ·94	18 ·71	4	23	Wed.	22	8 ·62	25 ·98	7
						22	Fri.	22	7 ·99	19 ·77	5	24	Thur.	23	9 ·69	... ...	8
25	Mon.	24	6 ·89	13 ·01 14 ·90	4	23	Sat.	23	... ...	20 ·85	6	25	Fri.	24	10 ·74	26 ·06	9
						24	Sun.	24	8 ·06	21 ·96	7	26	Sat.	25	11 ·77	27 ·12	10
26	Tues.	25	7 ·85	15 ·98	5	25	Mon.	25	9 ·14	... ...	8	27	Sun.	26	12 ·79	1 ·17	11
27	Wed.	26	8 ·84	16 ·99	6	26	Tues.	26	10 ·23	22 ·07	9	28	Mon.	27	13 ·77	2 ·20	12
28	Thur.	27	9 ·84	... ...	7	27	Wed.	27	11 ·31	23 ·17	10	—29	Tues.	28	14 ·74	3 ·21	13
29	Fri.	28	10 ·87	17 ·04	8	28	Thur.	28	12 ·39	24 ·27	11	1	Wed. ○	29	P ·70	4 ·19	14
30	Sat.	29	11 ·91	18 ·09	9	29	Fri.	29	13 ·46	25 ·36	12	2	Thur.	30	1 ·63	5 ·16	15
—31	Sun.	30	12 ·97	19 ·16	10	—30	Sat.	30	14 ·51	26 ·45	13						
1	Mon.	31	... ...	20 ·25	11												
		Aug.						**Oct.**						**Dec.**			
Raudra. **Siṁha—Āvaṇi.**			*Bahula.* **Śrāvaṇa.**		*H.* 1029 *Ramazān.*	*Raudra.* **Tulā—Aippaśi.**			*Bahula.* **Āśvina.**		*H.* 1029 *Zi-l-ka'da.*	*Raudra.* **Dhanus—Mārgali.**			*Bahula.* **Pausha.**		*H.* 1030 *Muharram.*
2	Tues.	1	13 ·05	21 ·35	12	1	Sun.	1	P ·54	27 ·50	14	3	Fri.	1	2 ·55	6 ·11	16
3	Wed.	2	14 ·14	22 ·46	13	2	Mon.	2	1 ·54	1 ·54	15	4	Sat.	2	3 ·46	7 ·05	17
4	Thur.	3	P ·22	23 ·57	14	3	Tues.	3	2 ·52	2 ·55	16	5	Sun.	3	4 ·37	8 ·00 9 ·93	18
5	Fri.	4	1 ·30	24 ·67	15	4	Wed.	4	3 ·49	3 ·55	17						
6	Sat.	5	2 ·37	25 ·76	16	5	Thur.	5	4 ·45	4 ·53	18	6	Mon.	4	5 ·27	10 ·86	19
7	Sun.	6	3 ·42	26 ·82	17	6	Fri.	6	5 ·39	5 ·49	19	7	Tues.	5	6 ·17	11 ·79	20
8	Mon.	7	4 ·45	27 ·87	18	7	Sat.	7	6 ·31	6 ·44	20	8	Wed.	6	7 ·08 8 ·99	12 ·72	21
9	Tues.	8	5 ·44	1 ·90	19	8	Sun.	8	7 ·22	7 ·38	21						
10	Wed.	9	6 ·42	2 ·91	20	9	Mon.	9	8 ·12	8 ·31	22	9	Thur.	7	9 ·91	13 ·68	22
11	Thur.	10	7 ·39	3 ·89	21				9 ·02			10	Fri.	8	10 ·85	14 ·64	23
12	Fri.	11	8 ·34	4 ·86	22	10	Tues.	10	10 ·92	9 ·25	23	11	Sat.	9	11 ·80	15 ·61	24
13	Sat.	12	9 ·27	5 ·82	23	11	Wed.	11	11 ·82	10 ·18	24	12	Sun.	10	12 ·77	16 ·60	25
14	Sun.	13	10 ·19	6 ·77	24	12	Thur.	12	12 ·73	11 ·11	25	13	Mon.	11	13 ·77	17 ·61	26
15	Mon.	14	11 ·10	7 ·70	25	13	Fri.	13	13 ·66	12 ·05	26	14	Tues.	12	14 ·78	18 ·65	27
16	Tues.	15	12 ·00 13 ·90	8 ·63	26	14	Sat.	14	14 ·59	13 ·00 14 ·97	27	15	Wed.	13	—A ·81	19 ·70	28
17	Wed.	16	14 ·80	9 ·56	27	15	Sun.	15	—A ·54	15 ·96	28	16	Thur.	14	1 ·86	20 ·77	29
18	Thur.	17	—A ·70	10 ·49	28	16	Mon.	16	1 ·51	16 ·96	29	17	Fri.	15	2 ·93	21 ·86	—30
19	Fri.	18	1 ·61	11 ·44	29	17	Tues.	17	2 ·49	17 ·98	—30	18	Sat.	16	... ...	22 ·96	1
20	Sat.	19	2 ·53	12 ·38	—30	18	Wed.	18	3 ·50	... ...	1	19	Sun.	17	3 ·01	... ...	2
21	Sun.	20	3 ·46	13 ·34	1	19	Thur.	19	4 ·54	19 ·02	2	20	Mon.	18	4 ·10	23 ·08	3
22	Mon.	21	4 ·40	14 ·31	2	20	Fri.	20	5 ·59	19 ·08	3	21	Tues.	19	5 ·19	24 ·18	4
23	Tues.	22	5 ·36	15 ·30	3	21	Sat.	21	6 ·66	20 ·17	4	22	Wed.	20	6 ·27	25 ·28	5
24	Wed.	23	6 ·35	16 ·32	4	22	Sun.	22	7 ·74	21 ·26	5	23	Thur.	21	7 ·34	26 ·37	6
25	Thur.	24	7 ·35	17 ·35	5	23	Mon.	23	8 ·82	22 ·36	6	24	Fri.	22	8 ·39	27 ·43	7
26	Fri.	25	8 ·38	18 ·40	6	24	Tues.	24	9 ·91	23 ·47	7	25	Sat.	23	9 ·42	1 ·48	8
27	Sat.	26	9 ·43	19 ·47	7	25	Wed.	25	10 ·99	24 ·57	8	26	Sun.	24	10 ·43	2 ·52	9
28	Sun.	27	10 ·50	20 ·55	8	26	Thur.	26	... ...	25 ·67	9	27	Mon.	25	11 ·42	3 ·53	10
29	Mon.	28	11 ·58	21 ·65	9	27	Fri.	27	11 ·06	26 ·75	10	28	Tues.	26	12 ·39	4 ·52	11
30	Tues.	29	12 ·67	22 ·77	10	28	Sat.	28	12 ·11	27 ·81	11	29	Wed.	27	13 ·34	5 ·49	12
31	Wed.	30	13 ·75	23 ·87	11	29	Sun.	29	13 ·14	1 ·85	12	—30	Thur.	28	14 ·28	6 ·44	13
—32	Thur.	31	14 ·83	24 ·97	12	—30	Mon.	30	14 ·15	2 ·87	13	1	Fri.	29	P ·20	7 ·40	14
						1	Tues.	31	P ·14	3 ·88	14	2	Sat.	30	1 ·11	8 ·33	15
												3	Sun.	31	2 ·02 3 ·92	9 ·26	16

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1621. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·43.** **Śaka 1543.** **Kaliyuga 4722.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·35.** **(S. Cycle) Durmati.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.			
Raudra. **Makara—Tai.** 4	Mon. 1		4 ·82	10 ·19	17
5	Tues. 2		5 ·72	11 ·12	18
6	Wed. 3		6 ·64	12 ·07	19
7	Thur. 4		7 ·56	13 ·01 } 14 ·97 }	20
8	Fri. 5		8 ·50	15 ·94	21
9	Sat. 6		9 ·45	16 ·92	22
10	Sun. 7		10 ·41	17 ·94	23
11	Mon. 8		11 ·41	18 ·96	24
12	Tues. 9		12 ·42	... ...	25
13	Wed. 10		13 ·45	19 ·01	26
14	Thur. 11		14 ·51	20 ·08	27
15	Fri. 12		—A ·58	21 ·16	28
16	Sat. 13		1 ·66	22 ·26	29
17	Sun. 14		2 ·74	23 ·37	1
18	Mon. 15		3 ·83	24 ·48	2
19	Tues. 16		4 ·91	25 ·58	3
20	Wed. 17		5 ·98	26 ·67	4
21	Thur. 18		... ...	27 ·74	5
22	Fri. 19		6 ·03	1 ·80	6
23	Sat. 20		7 ·07	2 ·84	7
24	Sun. 21		8 ·07	3 ·85	8
25	Mon. 22		9 ·05	4 ·84	9
26	Tues. 23		{ 10 ·02 / 11 ·98 }	5 ·82	10
27	Wed. 24		12 ·91	6 ·79	11
28	Thur. 25		13 ·83	7 ·73	12
—29	Fri. 26		14 ·74	8 ·67	13
1	Sat. 27		P ·65	9 ·60	14
2	Sun. 28		1 ·55	10 ·53	15
3	Mon. 29		2 ·45	11 ·47	16
4	Tues. 30		3 ·35	12 ·41	17
5	Wed. 31		4 ·27	13 ·35	18
		Feb.			
Raudra. **Kumbha—Māgh.** 6	Thur. 1		5 ·19	14 ·30	19
7	Fri. 2		6 ·13	15 ·27	20
8	Sat. 3		7 ·08	16 ·26	21
9	Sun. 4		8 ·05	17 ·26	22
10	Mon. 5		9 ·03	18 ·28	23
11	Tues. 6		10 ·04	19 ·32	24
12	Wed. 7		11 ·08	20 ·38	25
13	Thur. 8		12 ·13	21 ·46	26
14	Fri. 9		13 ·20	22 ·57	27
15	Sat. 10		14 ·28	23 ·67	28
16	Sun. 11		A ·36	24 ·78	29
17	Mon. 12		1 ·45	25 ·88	—30
18	Tues. 13		2 ·53	26 ·97	1
19	Wed. 14		3 ·60	... ..	2
20	Thur. 15		4 ·65	27 ·08	3
21	Fri. 16		5 ·68	1 ·12	4
22	Sat. 17		6 ·68	2 ·16	5
23	Sun. 18		7 ·67	3 ·17	6
24	Mon 19		8 ·64	4 ·17	7
25	Tues. 20		9 ·59	5 ·16	8
26	Wed. 21		10 ·52	6 ·12	9
27	Thur. 22		11 ·44	7 ·07	10
28	Fri. 23		12 ·35	8 ·01 } 9 ·94 }	11
29	Sat. 24		13 ·25	10 ·38	12
—30	Sun. 25		14 ·15	11 ·31	13
1	Mon. 26		{ P ·05 / 1 ·95 }	12 ·74	14
2	Tues. 27		2 ·86	13 ·68	15
3	Wed. 28		3 ·78	14 ·63	16

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		March.			
Raudra. **Mīna—Phālguni.** 4	Thur. 1		4 ·72	15 ·59	17
5	Fri. 2		5 ·67	16 ·58	18
6	Sat. 3		6 ·65	17 ·58	19
7	Sun. 4		7 ·63	18 ·59	20
8	Mon. 5		8 ·65	19 ·63	21
9	Tues. 6		9 ·68	20 ·69	22
10	Wed. 7		10 ·73	21 ·77	23
11	Thur. 8		11 ·79	22 ·87	24
12	Fri. 9		12 ·87	23 ·97	25
13	Sat. 10		13 ·96	... ...	26
14	Sun. 11		... ...	24 ·08	27
15	Mon. 12		14 ·04	25 ·18	28
16	Tues. 13		—A ·12	26 ·29	—29
17	Wed. 14		1 ·18	27 ·37	1
18	Thur. 15		2 ·23	1 ·43	2
19	Fri. 16		3 ·26	2 ·47	3
20	Sat. 17		4 ·26	3 ·49	4
21	Sun. 18		5 ·25	4 ·50	5
22	Mon. 19		6 ·22	5 ·49	6
23	Tues. 20		7 ·17	6 ·45	7
24	Wed. 21		8 ·10	7 ·40	8
25	Thur. 22		{ 9 ·02 / 10 ·92 }	8 ·35	9
26	Fri. 23		11 ·82	9 ·29	10
27	Sat. 24		12 ·72	10 ·22	11
28	Sun. 25		13 ·62	11 ·15	12
29	Mon. 26		14 ·52	12 ·08	13
—30	Tues. 27		P ·43	13 ·02 } 14 ·97 }	14
1	Wed. 28		1 ·35	15 ·93	15
2	Thur. 29		2 ·28	16 ·91	16
3	Fri. 30		3 ·23	17 ·90	17
4	Sat. 31		4 ·20	18 ·91	18
		April.			
Durmati. **Mēsha—Chittirai.** 5	Sun. 1		5 ·18	19 ·94	19
6	Mon. 2		6 ·20	... ...	20
7	Tues. 3		7 ·23	20 ·01	21
8	Wed. 4		8 ·28	21 ·08	22
9	Thur. 5		9 ·34	22 ·17	23
10	Fri. 6		10 ·42	23 ·27	24
11	Sat. 7		11 ·50	24 ·37	25
12	Sun. 8		12 ·58	25 ·49	26
13	Mon. 9		13 ·66	26 ·59	27
14	Tues. 10		14 ·72	27 ·67	28
15	Wed. 11		—A ·77	1 ·74	29
16	Thur. 12		1 ·80	2 ·79	—30
17	Fri. 13		2 ·81	3 ·82	1
18	Sat. 14		3 ·79	4 ·83	2
19	Sun. 15		4 ·75	5 ·81	3
20	Mon 16		5 ·70	6 ·78	4
21	Tues. 17		6 ·63	7 ·74	5
22	Wed. 18		7 ·55	8 ·68	6
23	Thur. 19		8 ·45	9 ·63	7
24	Fri. 20		9 ·35	10 ·56	8
25	Sat. 21		10 ·25	11 ·49	9
26	Sun. 22		11 ·15	12 ·42	10
27	Mon. 23		{ 12 ·05 / 13 ·95 }	13 ·35	11
28	Tues. 24		14 ·87	14 ·31	12
29	Wed. 25		P ·80	15 ·26	13
30	Thur. 26		1 ·75	16 ·23	14
—31	Fri. 27		2 ·72	17 ·22	15
1	Sat. 28		3 ·71	18 ·23	16
2	Sun. 29		4 ·72	19 ·27	17
3	Mon. 30		5 ·74	20 ·31	18

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		May.			
Durmati. **Vrishabha—Vaigāsi.** 4	Tues. 1		6 ·79	21 ·38	19
5	Wed. 2		7 ·85	22 ·47	20
6	Thur. 3		8 ·93	23 ·57	21
7	Fri. 4		... ...	24 ·68	22
8	Sat. 5		9 ·02	25 ·79	23
9	Sun. 6		10 ·10	26 ·89	24
10	Mon. 7		11 ·18	27 ·98	25
11	Tues. 8		12 ·24	... ...	26
12	Wed. 9		13 ·28	1 ·05	27
13	Thur. 10		14 ·30	2 ·11	28
14	Fri. ● 11		—A ·31	3 ·14	—29
15	Sat. 12		1 ·29	4 ·15	1
16	Sun. 13		2 ·26	5 ·14	2
17	Mon. 14		3 ·20	6 ·11	3
18	Tues. 15		4 ·13	7 ·07	4
19	Wed. 16		{ 5 ·05 / 6 ·95 }	8 ·03 } 9 ·97 }	5
20	Thur. 17		7 ·85	10 ·90	6
21	Fri. 18		8 ·75	11 ·83	7
22	Sat. 19		9 ·65	12 ·76	8
23	Sun. 20		10 ·55	13 ·70	9
24	Mon. 21		11 ·45	14 ·64	10
25	Tues. 22		12 ·37	15 ·60	11
26	Wed. 23		13 ·30	16 ·56	12
27	Thur. 24		14 ·25	17 ·55	13
28	Fri. ○ 25		P ·21	18 ·56	14
29	Sat. 26		1 ·20	19 ·58	15
30	Sun. 27		2 ·21	20 ·62	16
31	Mon. 28		3 ·23	21 ·69	17
—32	Tues. 29		4 ·28	22 ·77	18
1	Wed. 30		5 ·35	23 ·86	19
2	Thur. 31		6 ·43	24 ·98	20
		June.			
Durmati. **Mithuna—Āni.** 3	Fri. 1		7 ·51	... ...	21
4	Sat. 2		8 ·59	25 ·09	22
5	Sun. 3		9 ·66	26 ·19	23
6	Mon. 4		10 ·72	27 ·28	24
7	Tues. 5		11 ·77	1 ·35	25
8	Wed. 6		12 ·80	2 ·42	26
9	Thur. 7		13 ·79	3 ·46	27
10	Fri. 8		14 ·77	4 ·47	28
11	Sat. 9		—A ·74	5 ·47	29
12	Sun. 10		1 ·68	6 ·44	—30
13	Mon. 11		2 ·61	7 ·42	1
14	Tues. 12		3 ·53	8 ·36	2
15	Wed. 13		4 ·43	9 ·30	3
16	Thur. 14		5 ·33	10 ·24	4
17	Fri. 15		6 ·22	11 ·17	5
18	Sat. 16		7 ·12	12 ·10	6
19	Sun. 17		{ 8 ·02 / 9 ·93 }	13 ·04 } 14 ·98 }	7
20	Mon. 18		10 ·85	15 ·93	8
21	Tues. 19		11 ·78	16 ·89	9
22	Wed. 20		12 ·72	17 ·88	10
23	Thur. 21		13 ·69	18 ·88	11
24	Fri. 22		14 ·67	19 ·90	12
25	Sat. 23		P ·68	20 ·93	13
26	Sun. 24		1 ·71	21 ·99	14
27	Mon. 25		2 ·76	... ...	15
28	Tues. 26		3 ·82	22 ·07	16
29	Wed. 27		4 ·90	23 ·17	17
30	Thur. 28		5 ·99	24 ·28	18
—31	Fri. 29		... ...	25 ·38	19
1	Sat. 30		6 ·07	26 ·49	20

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāt. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Shad. 21. U. Shad. 22. Shrav. 23. Dhan. 24. Sat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1621. **Kollam 797,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** } **Hijra 1031.** **Vikrama 1678.**
A—Amāvāsyā. Commences Commences **Nov. 6.** **Bengal San. 1027.**
P—Paurnimā. **(N. Cycle) Pramoda.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Durmati. **Karkataka—Ādi.** 2	**July.** Sun. 1	7 ·14	27 ·58	21
3	Mon. 2	8 ·20	1 ·67	22
4	Tues. 3	9 ·24	2 ·73	23
5	Wed. 4	*Bahula.* 10 ·27	3 ·77	24
6	Thur. 5	11 ·27	4 ·79	25
7	Fri. 6	12 ·25	5 ·79	26
8	Sat. 7	13 ·21	6 ·78	27
9	Sun. 8	14 ·15	7 ·75	28
10	Mon. 9	—**A** ·08	8 ·70	—29
11	Tues. 10	{ 1 ·00 / 2 ·91	9 ·64	1
12	Wed. 11	3 ·81	10 ·57	2
13	Thur. 12	4 ·71	11 ·51	3
14	Fri. 13	5 ·61	12 ·44	4
15	Sat. 14	*Sukla.* 6 ·51	13 ·37	5
16	Sun. 15	7 ·41	14 ·31	6
17	Mon. 16	8 ·33	15 ·26	7
18	Tues. 17	9 ·26	16 ·22	8
19	Wed. 18	10 ·21	17 ·21	9
20	Thur. 19	11 ·18	18 ·20	10
21	Fri. 20	12 ·16	19 ·21	11
22	Sat. 21	13 ·17	20 ·25	12
23	Sun. 22	14 ·19	21 ·30	13
24	Mon. 23	**P** ·24	22 ·38	14
25	Tues. 24	1 ·31	23 ·47	15
26	Wed. 25	2 ·39	24 ·57	16
27	Thur. 26	3 ·47	25 ·68	17
28	Fri. 27	4 ·55	26 ·79	18
29	Sat. 28	*Bahula.* 5 ·63	27 ·89	19
30	Sun. 29	6 ·69	1 ·98	20
31	Mon. 30	7 ·74	... ...	21
—32	Tues. 31	8 ·76	2 ·04	22
Durmati. **Simha—Avaṇi.** 1	**Aug.** Wed. 1	9 ·76	3 ·09	23
2	Thur. 2	10 ·75	4 ·11	24
3	Fri. 3	11 ·71	5 ·13	25
4	Sat. 4	12 ·65	6 ·11	26
5	Sun. 5	13 ·58	7 ·08	27
6	Mon. 6	14 ·50	{ 8 ·03 / 9 ·98 }	28
7	Tues. 7	—**A** ·41	10 ·92	29
8	Wed. 8	1 ·31	11 ·85	—30
9	Thur. 9	2 ·20	12 ·78	1
10	Fri. 10	3 ·10	13 ·71	2
11	Sat. 11	{ 4 ·01 / 5 ·92 }	14 ·65	3
12	Sun. 12	6 ·84	15 ·59	4
13	Mon. 13	7 ·77	16 ·56	5
14	Tues. 14	*Sukla.* 8 ·71	17 ·53	6
15	Wed. 15	9 ·68	18 ·52	7
16	Thur. 16	10 ·66	19 ·53	8
17	Fri. 17	11 ·68	20 ·56	9
18	Sat. 18	12 ·71	21 ·62	10
19	Sun. 19	13 ·76	22 ·69	11
20	Mon. 20	14 ·82	23 ·77	12
21	Tues. 21	**P** ·90	24 ·87	13
22	Wed. 22	1 ·98	25 ·98	14
23	Thur. 23	... ...	... ...	15
24	Fri. 24	2 ·06	26 ·09	16
25	Sat. 25	3 ·14	27 ·19	17
26	Sun. 26	4 ·20	1 ·28	18
27	Mon. 27	*Bahula.* 5 ·25	2 ·35	19
28	Tues. 28	6 ·28	3 ·40	20
29	Wed. 29	7 ·29	4 ·44	21
30	Thur. 30	8 ·27	5 ·45	22
—31	Fri. 31	9 ·23	6 ·44	23
Durmati. **Kanyā—Puraṭṭāsi.** 1	**Sep.** Sat. 1	10 ·18	7 ·41	24
2	Sun. 2	11 ·11	8 ·37	25
3	Mon. 3	{ 12 ·03 / 13 ·94 }	9 ·31	26
4	Tues. 4	14 ·84	10 ·26	27
5	Wed. 5	—**A** ·74	11 ·19	28
6	Thur. 6	1 ·64	12 ·12	—29
7	Fri. 7	2 ·54	13 ·05 / 14 ·98	1
8	Sat. 8	3 ·45	15 ·94	2
9	Sun. 9	4 ·37	16 ·89	3
10	Mon. 10	5 ·30	17 ·86	4
11	Tues. 11	*Sukla.* 6 ·25	18 ·84	5
12	Wed. 12	7 ·22	19 ·85	6
13	Thur. 13	8 ·21	20 ·88	7
14	Fri. 14	9 ·22	21 ·93	8
15	Sat. 15	10 ·24	22 ·99	9
16	Sun. 16	11 ·29	... ...	10
17	Mon. 17	12 ·36	23 ·07	11
18	Tues. 18	13 ·44	24 ·17	12
19	Wed. 19	**Āśvina.** 14 ·53	25 ·29	13
20	Thur. 20	**P** ·62	26 ·39	14
21	Fri. 21	1 ·70	27 ·49	15
22	Sat. 22	2 ·76	1 ·58	16
23	Sun. 23	3 ·80	2 ·66	17
24	Mon. 24	4 ·88	3 ·72	18
25	Tues. 25	*Bahula.* 5 ·85	4 ·76	19
26	Wed. 26	6 ·83	5 ·77	20
27	Thur. 27	7 ·80	6 ·76	21
28	Fri. 28	8 ·74	7 ·74	22
29	Sat. 29	9 ·67	8 ·70	23
—30	Sun. 30	10 ·59	9 ·66	24
Durmati. **Tulā—Aippaśi.** 1	**Oct.** Mon. 1	11 ·50	10 ·60	25
2	Tues. 2	12 ·41	11 ·53	26
3	Wed. 3	13 ·31	12 ·46	27
4	Thur. 4	14 ·21	13 ·39	28
5	Fri. 5	—**A** ·11	14 ·33	29
6	Sat. 6	{ 1 ·02 / 2 ·94 }	15 ·27	30
7	Sun. 7	3 ·88	16 ·22	1
8	Mon. 8	4 ·83	17 ·19	2
9	Tues. 9	5 ·80	18 ·17	3
10	Wed. 10	6 ·79	19 ·18	4
11	Thur. 11	7 ·80	20 ·20	5
12	Fri. 12	*Sukla.* 8 ·83	21 ·24	6
13	Sat. 13	9 ·88	22 ·30	7
14	Sun. 14	10 ·95	23 ·38	8
15	Mon. 15	... ...	24 ·48	9
16	Tues. 16	11 ·03	25 ·58	10
17	Wed. 17	12 ·12	26 ·69	11
18	Thur. 18	13 ·21	27 ·79	12
19	Fri. 19	**Kārttika.** 14 ·29	1 ·89	13
20	Sat. 20	**P** ·36	2 ·97	14
21	Sun. 21	1 ·41	... ...	15
22	Mon. 22	2 ·44	3 ·03	16
23	Tues. 23	3 ·44	4 ·07	17
24	Wed. 24	4 ·42	5 ·09	18
25	Thur. 25	5 ·39	6 ·09	19
26	Fri. 26	*Bahula.* 6 ·34	7 ·07	20
27	Sat. 27	7 ·28	{ 8 ·04 / 9 ·99 }	21
28	Sun. 28	8 ·20	10 ·93	22
29	Mon. 29	9 ·11	11 ·86	23
—30	Tues. 30	{ 10 ·01 / 11 ·91 }	12 ·80	24
1	Wed. 31	12 ·81	13 ·74	25
Durmati. **Vṛśchika—Kārttigai.** 2	**Nov.** Thur. 1	13 ·71	14 ·67	26
3	Fri. 2	14 ·63	15 ·61	27
4	Sat. 3	—**A** ·56	16 ·56	28
5	Sun. 4	1 ·50	17 ·52	29
6	Mon. 5	2 ·44	18 ·50	—30
7	Tues. 6	3 ·41	19 ·50	1
8	Wed. 7	4 ·41	20 ·51	2
9	Thur. 8	5 ·42	21 ·55	3
10	Fri. 9	*Sukla.* 6 ·46	22 ·60	4
11	Sat. 10	7 ·51	23 ·68	5
12	Sun. 11	8 ·59	24 ·78	6
13	Mon. 12	9 ·67	25 ·88	7
14	Tues. 13	10 ·75	26 ·99	8
15	Wed. 14	11 ·83	... ...	9
16	Thur. 15	12 ·91	27 ·09	10
17	Fri. 16	13 ·98	1 ·19	11
18	Sat. 17	... ...	2 ·28	12
19	Sun. 18	14 ·03	3 ·35	13
20	Mon. ○ 19	**P** ·06	4 ·39	14
21	Tues. 20	1 ·06	5 ·41	15
22	Wed. 21	2 ·06	6 ·41	16
23	Thur. 22	3 ·02 / 4 ·97	7 ·41	17
24	Fri. 23	5 ·91	8 ·38	18
25	Sat. 24	*Bahula.* 6 ·83	9 ·33	19
26	Sun. 25	7 ·74	10 ·27	20
27	Mon. 26	8 ·64	11 ·21	21
28	Tues. 27	9 ·54	12 ·15	22
29	Wed. 28	10 ·44	13 ·08	23
—30	Thur. 29	11 ·34	14 ·01 / 15 ·94	24
1	Fri. 30	12 ·26	16 ·89	25
Durmati. **Dhanus—Mārgali.** 2	**Dec.** Sat. 1	13 ·19	17 ·86	26
3	Sun. 2	14 ·13	18 ·83	27
4	Mon. 3	—**A** ·09	19 ·82	28
5	Tues. 4	1 ·06	20 ·83	29
6	Wed. 5	2 ·04	21 ·86	—30
7	Thur. 6	3 ·06	22 ·91	1
8	Fri. 7	4 ·10	23 ·99	2
9	Sat. 8	5 ·15	... ...	3
10	Sun. 9	*Sukla.* 6 ·22	24 ·08	4
11	Mon. 10	7 ·30	25 ·18	5
12	Tues. 11	8 ·39	26 ·29	6
13	Wed. 12	9 ·48	27 ·39	7
14	Thur. 13	10 ·56	1 ·50	8
15	Fri. 14	11 ·63	2 ·59	9
16	Sat. 15	12 ·68	3 ·65	10
17	Sun. 16	13 ·71	4 ·70	11
18	Mon. 17	14 ·71	5 ·73	12
19	Tues. 18	**P** ·70	6 ·75	13
20	Wed. 19	1 ·67	7 ·74	14
21	Thur. 20	2 ·62	8 ·71	15
22	Fri. 21	3 ·55	9 ·66	16
23	Sat. 22	4 ·47	10 ·61	17
24	Sun. 23	5 ·39	11 ·55	18
25	Mon. 24	6 ·29	12 ·48	19
26	Tues. 25	*Bahula.* 7 ·19	13 ·41	20
27	Wed. 26	8 ·09	14 ·34	21
28	Thur. 27	{ 9 ·00 / 10 ·91 }	15 ·28	22
—29	Fri. 28	11 ·84	16 ·22	23
1	Sat. 29	12 ·78	17 ·19	24
2	Sun. 30	13 ·73	18 ·16	25
3	Mon. 31	14 ·70	19 ·14	26

H. 1030 *Shawwāl.* — *H.* 1030 *Zi-l-ka'da.* — *H.* 1030 *Zi-l-hijja.* — *H.* 1031 *Muharram.* — *H.* 1031 *Safar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1622. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·69** **Śaka 1544.** **Kaliyuga 4723.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·61.** **(S. Cycle) Dundubhi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Durmati. **Makara—Tai.**	**Jan.**				
4	Tues. 1		—A ·69	20 ·15	27
5	Wed. 2		1 ·71	21 ·17	28
6	Thur. 3		2 ·74	22 ·23	—29
7	Fri. 4		3 ·80	23 ·30	1
8	Sat. 5		4 ·87	24 ·38	2
9	Sun. 6		5 ·95	25 ·48	3
10	Mon. 7		... ...	26 ·58	4
11	Tues. 8		6 ·03	27 ·70	5
12	Wed. 9		7 ·12	1 ·80	6
13	Thur. 10		8 ·20	2 ·89	7
14	Fri. 11		9 ·27	3 ·96	8
15	Sat. 12		10 ·32	... ...	9
16	Sun. 13		11 ·35	4 ·02	10
17	Mon. 14		12 ·36	5 ·06	11
18	Tues. 15		13 ·34	6 ·07	12
19	Wed. 16		14 ·31	7 ·06	13
20	Thur. 17		P ·26	8 ·04	14
21	Fri. 18	*Sukla.* **Māgha.**	1 ·19	9 ·00 10 ·95	15
22	Sat. 19		2 ·11	11 ·89	16
23	Sun. 20		3 ·02 4 ·93	12 ·82	17
24	Mon. 21		5 ·83	13 ·75	18
25	Tues. 22		6 ·73	14 ·68	19
26	Wed. 23		7 ·63	15 ·62	20
27	Thur. 24		8 ·55	16 ·57	21
28	Fri. 25	*Bahula.*	9 ·48	17 ·52	22
—29	Sat. 26		10 ·41	18 ·48	23
1	Sun. 27		11 ·36	19 ·47	24
2	Mon. 28		12 ·33	20 ·47	25
3	Tues. 29		13 ·32	21 ·50	26
4	Wed. 30		14 ·34	22 ·54	27
5	Thur. 31		—A ·37	23 ·60	28
Durmati. **Kumbha—Māśi.**	**Feb.**				
6	Fri. 1		1 ·42	24 ·68	29
7	Sat. 2		2 ·49	25 ·78	—30
8	Sun. 3		3 ·58	26 ·89	1
9	Mon. 4		4 ·67	... ...	2
10	Tues. 5		5 ·76	27 ·00	3
11	Wed. 6	*Sukla.*	6 ·83	1 ·10	4
12	Thur. 7		7 ·89	2 ·19	5
13	Fri. 8		8 ·94	3 ·27	6
14	Sat. 9		9 ·97	4 ·34	7
15	Sun. 10		10 ·98	5 ·38	8
16	Mon. 11		11 ·96	6 ·39	9
17	Tues. 12		12 ·93	7 ·39	10
18	Wed. 13		13 ·88	8 ·37	11
19	Thur. 14		14 ·81	9 ·33	12
20	Fri. 15		P ·73	10 ·29	13
21	Sat. 16		1 ·64	11 ·23	14
22	Sun. 17		2 ·54	12 ·16	15
23	Mon. 18		3 ·44	13 ·09	16
24	Tues. 19		4 ·34	14 ·02 15 ·96	17
25	Wed. 20		5 ·24	16 ·90	18
26	Thur. 21		6 ·16	17 ·85	19
27	Fri. 22		7 ·08	18 ·81	20
28	Sat. 23		8 ·02 9 ·07	19 ·79	21
29	Sun. 24	*Bahula.*	10 ·94	20 ·80	22
—30	Mon. 25		11 ·93	21 ·81	23
1	Tues. 26		12 ·94	22 ·85	24
2	Wed. 27		13 ·98	23 ·91	25
3	Thur. 28		.. ...	24 ·99	26

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Durmati. **Mīna—Pangūni.**	**March.**				
4	Fri. 1		14 ·08	... ...	27
5	Sat. 2		—A ·09	25 ·09	28
6	Sun. 3		1 ·17	26 ·19	—29
7	Mon. 4		2 ·26	27 ·30	1
8	Tues. 5		3 ·35	1 ·40	2
9	Wed. 6		4 ·43	2 ·50	3
10	Thur. 7		5 ·50	3 ·59	4
11	Fri. 8	*Sukla.*	6 ·54	4 ·65	5
12	Sat. 9		7 ·56	5 ·69	6
13	Sun. 10		8 ·57	6 ·71	7
14	Mon. 11		9 ·55	7 ·71	8
15	Tues. 12		10 ·52	8 ·70	9
16	Wed. 13		11 ·46	9 ·67	10
17	Thur. 14		12 ·39	10 ·62	11
18	Fri. 15		13 ·31	11 ·57	12
19	Sat. 16		14 ·22	12 ·50	13
20	Sun. 17		P ·12	13 ·43	14
21	Mon. 18	*Bahula.* **Chaitra.**	1 ·02 2 ·92	14 ·37	15
22	Tues. 19		3 ·82	15 ·30	16
23	Wed. 20		4 ·73	16 ·24	17
24	Thur. 21		5 ·65	17 ·18	18
25	Fri. 22		6 ·59	18 ·14	19
26	Sat. 23		7 ·54	19 ·13	20
27	Sun. 24		8 ·51	20 ·12	21
28	Mon. 25		9 ·50	21 ·13	22
29	Tues. 26		10 ·50	22 ·16	23
30	Wed. 27		11 ·54	23 ·22	24
—31	Thur. 28		12 ·60	24 ·30	25
1	Fri. 29		13 ·67	25 ·39	26
2	Sat. 30		14 ·74	26 ·49	27
3	Sun. 31		—A ·82	27 ·59	28
Dundubhi. **Mēsha—Chittirai.**	**April.**				
4	Mon. 1		1 ·91	1 ·70	29
5	Tues. 2		2 ·99	2 ·80	—30
6	Wed. 3		... ...	3 ·89	1
7	Thur. 4		3 ·05	4 ·96	2
8	Fri. 5		4 ·09	... ...	3
9	Sat. 6	*Sukla.*	5 ·12	5 ·01	4
10	Sun. 7		6 ·12	6 ·03	5
11	Mon. 8		7 ·10	7 ·04	6
12	Tues. 9		8 ·06	8 ·03	7
13	Wed. 10		9 ·00 10 ·93	9 ·00 10 ·96	8
14	Thur. 11		11 ·85	11 ·90	9
15	Fri. 12		12 ·76	12 ·84	10
16	Sat. 13		13 ·66	13 ·78	11
17	Sun. 14		14 ·56	14 ·71	12
18	Mon. 15	*Bahula.* **Vaiśākha.**	P ·45	15 ·64	13
19	Tues. 16		1 ·35	16 ·57	14
20	Wed. 17		2 ·26	17 ·52	15
21	Thur. 18		3 ·18	18 ·48	16
22	Fri. 19		4 ·12	19 ·45	17
23	Sat. 20		5 ·07	20 ·44	18
24	Sun. 21		6 ·04	21 ·45	19
25	Mon. 22		7 ·02	22 ·48	20
26	Tues. 23		8 ·03	23 ·53	21
27	Wed. 24		9 ·07	24 ·60	22
28	Thur. 25		10 ·12	25 ·69	23
29	Fri. 26		11 ·18	26 ·79	24
30	Sat. 27		12 ·26	27 ·89	25
—31	Sun. 28		13 ·35	... ...	26
1	Mon. 29		14 ·43	1 ·00	27
2	Tues. 30		—A ·50	2 ·11	28

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Dundubhi. **Vrishabha—Vaigāśi.**	**May.**				
3	Wed. 1		1 ·56	3 ·20	—29
4	Thur. 2		2 ·60	4 ·27	1
5	Fri. 3		3 ·63	5 ·32	2
6	Sat. 4		4 ·63	6 ·35	3
7	Sun. 5		5 ·62	7 ·37	4
8	Mon. 6		6 ·58	8 ·36	5
9	Tues. 7		7 ·52	9 ·33	6
10	Wed. 8	*Sukla.*	8 ·45	10 ·29	7
11	Thur. 9		9 ·36	11 ·24	8
12	Fri. 10		10 ·26	12 ·19	9
13	Sat. 11		11 ·16	13 ·12	10
14	Sun. 12		12 ·06 13 ·96	14 ·05 15 ·98	11
15	Mon. 13		14 ·86	16 ·91	12
16	Tues. 14		P ·77	17 ·86	13
17	Wed. 15		1 ·68	18 ·82	14
18	Thur. 16		2 ·61	19 ·78	15
19	Fri. 17		3 ·56	20 ·77	16
20	Sat. 18		4 ·54	21 ·77	17
21	Sun. 19		5 ·52	22 ·79	18
22	Mon. 20		6 ·53	23 ·84	19
23	Tues. 21		7 ·56	24 ·91	20
24	Wed. 22		8 ·61	25 ·99	21
25	Thur. 23	*Bahula.*	9 ·68	... ...	22
26	Fri. 24		10 ·76	26 ·08	23
27	Sat. 25		11 ·84	27 ·19	24
28	Sun. 26		12 ·92	1 ·31	25
29	Mon. 27		... ...	2 ·41	26
30	Tues. 28		13 ·00	3 ·50	27
—31	Wed. 29		14 ·06	4 ·57	28
1	Thur. 30		—A ·10	5 ·63	29
2	Fri. 31		1 ·12	6 ·68	—30
Dundubhi. **Mithuna—Āni.**	**June.**				
3	Sat. 1		2 ·11	7 ·69	1
4	Sun. 2		3 ·10	8 ·69	2
5	Mon. 3		4 ·06	9 ·66	3
6	Tues. 4		5 ·01 6 ·94	10 ·68	4
7	Wed. 5	*Sukla.*	7 ·85	11 ·58	5
8	Thur. 6		8 ·75	12 ·52	6
9	Fri. 7		9 ·65	13 ·46	7
10	Sat. 8		10 ·55	14 ·38	8
11	Sun. 9		11 ·44	15 ·31	9
12	Mon. 10		12 ·34	16 ·25	10
13	Tues. 11		13 ·25	17 ·20	11
14	Wed. 12		14 ·17	18 ·15	12
15	Thur. 13		P ·10	19 ·11	13
16	Fri. 14		1 ·05	20 ·09	14
17	Sat. 15		2 ·02	21 ·09	15
18	Sun. 16		3 ·00	22 ·12	16
19	Mon. 17		4 ·01	23 ·15	17
20	Tues. 18		5 ·04	24 ·21	18
21	Wed. 19		6 ·09	25 ·29	19
22	Thur. 20		7 ·15	26 ·38	20
23	Fri. 21	*Bahula.* **Adhika Āshādha.**	8 ·23	27 ·50	21
24	Sat. 22		9 ·32	1 ·60	22
25	Sun. 23		10 ·40	2 ·71	23
26	Mon. 24		11 ·47	3 ·80	24
27	Tues. 25		12 ·53	4 ·88	25
28	Wed. 26		13 ·57	5 ·85	26
29	Thur. 27		14 ·59	6 ·99	27
30	Fri. 28		—A ·60	... ...	28
31	Sat. 29		1 ·58	7 ·01	—29
—32	Sun. 30		2 ·54	8 ·01 9 ·99	1

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad 27. Rev.

A.D. 1622. **Kollam 798,** { **N. Malabar—Sep.** **Hijra 1032.** **Vikrama 1679.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 26.** **Bengal San. 1028.**
P—Paurnimā. **(N. Cycle) Prajāpat.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Dundubhi. **Karkataka—Ādi.**	Mon.	1	3 ·48	10 ·97	2		Sun.	1	7 ·75	17 ·20	5		Fri.	1	9 ·71	24 ·77	7
	Tues.	2	4 ·41	11 ·92	3		Mon.	2	8 ·67	18 ·15	6		Sat.	2	10 ·74	25 ·82	8
	Wed.	3	5 ·32	12 ·86	4		Tues.	3	9 ·60	19 ·11	7		Sun.	3	11 ·80	26 ·90	9
	Thur.	4	6 ·22	13 ·79	5		Wed.	4	10 ·55	20 ·08	8		Mon.	4	12 ·87	27 ·99	10
	Fri.	5	7 ·12	14 ·72	6		Thur.	5	11 ·53	21 ·06	9		Tues.	5	13 ·95	... ...	11
	Sat.	6	8 ·02	15 ·65	7		Fri.	6	12 ·51	22 ·07	10		Wed.	6	... ...	1 ·10	12
			9 ·92				Sat.	7	13 ·52	23 ·09	11		Thur.	7	14 ·04	2 ·21	13
	Sun.	7	10 ·82	16 ·59	8		Sun.	8	14 ·56	24 ·15	12		Fri.	8	P ·13	3 ·31	14
	Mon.	8	11 ·73	17 ·53	9		Mon.	9	P ·61	25 ·21	13		Sat.	9	1 ·21	4 ·41	15
	Tues.	9	12 ·64	18 ·48	10		Tues.	10	1 ·68	26 ·30	14		Sun.	10	2 ·27	5 ·49	16
	Wed.	10	13 ·57	19 ·44	11		Wed.	11	2 ·76	27 ·39	15		Mon.	11	3 ·32	6 ·57	17
	Thur.	11	14 ·53	20 ·42	12		Thur.	12	3 ·85	1 ·50	16		Tues.	12	4 ·35	7 ·61	18
	Fri.	12	P ·50	21 ·42	13		Fri.	13	4 ·93	2 ·60	17		Wed.	13	5 ·36	8 ·63	19
	Sat.	13	1 ·48	22 ·43	14		Sat.	14	... ...	3 ·71	18		Thur.	14	6 ·34	9 ·63	20
	Sun.	14	2 ·49	23 ·47	15		Sun.	15	5 ·00	4 ·80	19		Fri.	15	7 ·31	10 ·62	21
	Mon.	15	3 ·52	24 ·52	16		Mon.	16	6 ·06	5 ·88	20		Sat.	16	8 ·26	11 ·60	22
	Tues.	16	4 ·57	25 ·59	17		Tues.	17	7 ·11	6 ·93	21		Sun.	17	9 ·19	12 ·55	23
	Wed.	17	5 ·64	26 ·69	18		Wed.	18	8 ·14	7 ·97	22		Mon.	18	10 ·11	13 ·49	24
	Thur.	18	6 ·72	27 ·80	19		Thur.	19	9 ·14	8 ·99	23		Tues.	19	11 ·02	14 ·43	25
	Fri.	19	7 ·80	1 ·90	20		Fri.	20	10 ·13	9 ·98	24				12 ·92		
	Sat.	20	8 ·88	... ...	21		Sat.	21	11 ·09	10 ·96	25		Wed.	20	13 ·82	15 ·35	26
	Sun.	21	9 ·96	2 ·01	22				12 ·03				Thur.	21	14 ·72	16 ·29	27
	Mon.	22	... ...	3 ·11	23		Sun.	22	13 ·96	11 ·92	26		Fri.	22	A ·63	17 ·23	28
	Tues.	23	10 ·02	4 ·20	24		Mon.	23	14 ·88	12 ·87	27		Sat.	23	1 ·54	18 ·16	29
	Wed.	24	11 ·06	5 ·26	25		Tues.	24	A ·79	13 ·82	28		Sun.	24	2 ·47	19 ·11	30
	Thur.	25	12 ·07	6 ·31	26		Wed.	25	1 ·70	14 ·75	29		Mon.	25	3 ·41	20 ·07	1
	Fri.	26	13 ·08	7 ·33	27		Thur.	26	2 ·60	15 ·68	30		Tues.	26	4 ·37	21 ·04	2
	Sat.	27	14 ·06	8 ·34	28		Fri.	27	3 ·50	16 ·61	1		Wed.	27	5 ·34	22 ·04	3
			A ·03				Sat.	28	4 ·40	17 ·54	2		Thur.	28	6 ·33	23 ·05	4
	Sun.	28	1 ·97	9 ·32	29		Sun.	29	5 ·31	18 ·49	3		Fri.	29	7 ·34	24 ·08	5
	Mon.	29	2 ·90	10 ·30	30		Mon.	30	6 ·23	19 ·44	4		Sat.	30	8 ·38	25 ·13	6
	Tues.	30	3 ·81	11 ·25	1												
	Wed.	31	4 ·71	12 ·20	2												
	Aug.						**Oct.**						**Dec.**				
Dundubhi. **Simha—Āvani.**	Thur.	1	5 ·61	13 ·13	3		Tues.	1	7 ·17	20 ·41	5		Sun.	1	9 ·44	26 ·20	7
	Fri.	2	6 ·51	14 ·06	4		Wed.	2	8 ·13	21 ·39	6		Mon.	2	10 ·51	27 ·30	8
	Sat.	3	7 ·41	15 ·00	5		Thur.	3	9 ·10	22 ·39	7		Tues.	3	11 ·59	1 ·40	9
				16 ·93			Fri.	4	10 ·08	23 ·42	8		Wed.	4	12 ·68	2 ·51	10
	Sun.	4	8 ·31	17 ·87	6		Sat.	5	11 ·10	24 ·46	9		Thur.	5	13 ·77	3 ·61	11
	Mon.	5	9 ·22	18 ·81	7		Sun.	6	12 ·13	25 ·52	10		Fri.	6	14 ·85	4 ·71	12
	Tues.	6	10 ·14	19 ·77	8		Mon.	7	13 ·19	26 ·60	11		Sat.	7	P ·91	5 ·81	13
	Wed.	7	11 ·07	20 ·75	9		Tues.	8	14 ·26	27 ·69	12		Sun.	8	1 ·96	6 ·87	14
	Thur.	8	12 ·02	21 ·74	10		Wed.	9	P ·34	1 ·79	13		Mon.	9	2 ·98	7 ·92	15
			13 ·99				Thur.	10	1 ·43	2 ·91	14		Tues.	10	... ...	8 ·95	16
	Fri.	9	14 ·98	22 ·75	11		Fri.	11	2 ·51	... ...	15				3 ·00		
	Sat.	10	P ·99	23 ·78	12		Sat.	12	3 ·59	3 ·01	16		Wed.	11	4 ·98	9 ·96	17
	Sun.	11	... ...	24 ·83	13		Sun.	13	4 ·65	4 ·11	17		Thur.	12	5 ·95	10 ·96	18
	Mon.	12	1 ·03	25 ·91	14		Mon.	14	5 ·70	5 ·19	18		Fri.	13	6 ·89	11 ·93	19
	Tues.	13	2 ·08	26 ·99	15		Tues.	15	6 ·73	6 ·24	19		Sat.	14	7 ·82	12 ·88	20
	Wed.	14	3 ·14	... ...	16		Wed.	16	7 ·73	7 ·29	20		Sun.	15	8 ·74	13 ·83	21
	Thur.	15	4 ·22	27 ·09	17		Thur.	17	8 ·72	8 ·31	21		Mon.	16	9 ·66	14 ·76	22
	Fri.	16	5 ·30	1 ·20	18		Fri.	18	9 ·68	9 ·31	22		Tues.	17	10 ·57	15 ·69	23
	Sat.	17	6 ·38	2 ·31	19		Sat.	19	10 ·63	10 ·29	23		Wed.	18	11 ·47	16 ·63	24
	Sun.	18	7 ·46	3 ·41	20		Sun.	20	11 ·56	11 ·25	24		Thur.	19	12 ·37	17 ·56	25
	Mon.	19	8 ·53	4 ·50	21		Mon.	21	12 ·48	12 ·21	25		Fri.	20	13 ·28	18 ·50	26
	Tues.	20	9 ·57	5 ·57	22		Tues.	22	13 ·39	13 ·15	26		Sat.	21	14 ·19	19 ·44	27
	Wed.	21	10 ·60	6 ·62	23					14 ·09			Sun.	22	A ·11	20 ·40	28
	Thur.	22	11 ·60	7 ·65	24		Wed.	23	14 ·29	15 ·02	27		Mon.	23	1 ·05	21 ·38	29
	Fri.	23	12 ·57	8 ·66	25		Thur.	24	A ·19	16 ·95	28				2 ·01		
	Sat.	24	13 ·53	9 ·66	26		Fri.	25	1 ·09	17 ·89	29		Tues.	24	3 ·98	22 ·36	1
	Sun.	25	14 ·48	10 ·63	27		Sat.	26	2 ·00	18 ·83	1		Wed.	25	4 ·98	23 ·37	2
	Mon.	26	A ·41	11 ·59	28				3 ·91				Thur.	26	5 ·99	24 ·39	3
	Tues.	27	1 ·33	12 ·53	29		Sun.	27	4 ·84	19 ·78	2		Fri.	27	... ..	25 ·44	4
	Wed.	28	2 ·24	13 ·47	1		Mon.	28	5 ·77	20 ·74	3		Sat.	28	6 ·03	26 ·52	5
	Thur.	29	3 ·14	14 ·41	2		Tues.	29	6 ·72	21 ·71	4		Sun.	29	7 ·09	27 ·60	6
	Fri.	30	4 ·04	15 ·34	3		Wed.	30	7 ·70	22 ·71	5		Mon.	30	8 ·16	1 ·70	7
			5 ·94				Thur.	31	8 ·69	23 ·73	6		Tues.	31	9 ·24	2 ·81	8
	Sat.	31	6 ·84	16 ·27	4												

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1623. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·94.** **Śaka 1545.** **Kaliyuga 4724.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·86.** **(S. Cycle) Rudhirodgārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
4	Wed.	1	10 ·32	3 ·91	9	3	Sat.	1	10 ·83	7 ·86	9	3	Thur.	1	12 ·76	13 ·51	11
5	Thur.	2	11 ·42	... ...	10	4	Sun.	2	11 ·86	8 ·91	10	4	Fri.	2	13 ·67	14 ·46	12
6	Fri.	3	12 ·50	4 ·02	11	5	Mon.	3	12 ·86	9 ·93	11	5	Sat.	3	14 ·58	15 ·39	13
7	Sat.	4	13 ·56	5 ·11	12	6	Tues.	4	13 ·85	10 ·93	12	6	Sun.	4	P ·48	16 ·34	14
8	Sun.	5	14 ·61	6 ·18	13	7	Wed.	5	14 ·82	11 ·92	13	7	Mon.	5	1 ·38	17 ·27	15
9	Mon.	6	P ·64	7 ·24	14	8	Thur.	6	P ·76	12 ·88	14	8	Tues.	6	2 ·27	18 ·19	16
10	Tues.	7	1 ·64	8 ·27	15	9	Fri.	7	1 ·69	13 ·84	15	9	Wed.	7	3 ·17	19 ·13	17
11	Wed.	8	2 ·62	9 ·28	16	10	Sat.	8	2 ·61	14 ·78	16	10	Thur.	8	4 ·08	20 ·07	18
12	Thur.	9	3 ·59	10 ·28	17	11	Sun.	9	3 ·52	15 ·72	17	11	Fri.	9	5 ·00	21 ·02	19
13	Fri.	10	4 ·54	11 ·26	18	12	Mon.	10	4 ·42	16 ·65	18				6 ·93		
14	Sat.	11	5 ·47	12 ·22	19	13	Tues.	11	5 ·32	17 ·58	19	12	Sat.	10	7 ·89	22 ·00	20
15	Sun.	12	6 ·39	13 ·16	20	14	Wed.	12	6 ·22	18 ·52	20					23 ·99	
16	Mon.	13	7 ·31	14 ·10	21	15	Thur.	13	7 ·12	19 ·45	21	13	Sun.	11	8 ·86	24 ·99	21
17	Tues.	14	8 ·21	15 ·04 / 16 ·97	22	16	Fri.	14	8 ·03 / 9 ·95	20 ·40	22	14	Mon.	12	9 ·85	... ...	22
18	Wed.	15	9 ·11	17 ·90	23	17	Sat.	15	10 ·89	21 ·36	23	15	Tues.	13	10 ·85	25 ·01	23
19	Thur.	16	10 ·01 / 11 ·91	18 ·84	24	18	Sun.	16	11 ·84	22 ·34	24	16	Wed.	14	11 ·89	26 ·05	24
20	Fri.	17	12 ·83	19 ·78	25	19	Mon.	17	12 ·82	23 ·34	25	17	Thur.	15	12 ·94	27 ·13	25
21	Sat.	18	13 ·76	20 ·74	26	20	Tues.	18	13 ·80	24 ·35	26	18	Fri.	16	...	1 ·21	26
22	Sun.	19	14 ·70	21 ·70	27	21	Wed.	19	14 ·82	25 ·38	27	19	Sat.	17	13 ·00	2 ·31	27
23	Mon.	20	—A ·65	22 ·69	28	22	Thur.	20	—A ·86	26 ·44	28	20	Sun.	18	14 ·08	3 ·41	28
24	Tues.	21	1 ·62	23 ·69	29	23	Fri.	21	1 ·91	27 ·51	29	21	Mon.	19	—A ·17	4 ·52	29
25	Wed.	22	2 ·61	24 ·71	—30	24	Sat.	22	2 ·98	1 ·60	—30	22	Tues.	20	1 ·25	5 ·63	—30
26	Thur.	23	3 ·63	25 ·76	1	25	Sun.	23	... ...	2 ·71	1	23	Wed.	21	2 ·33	6 ·72	1
27	Fri.	24	4 ·67	26 ·82	2	26	Mon.	24	3 ·06	3 ·81	2	24	Thur.	22	3 ·39	7 ·80	2
28	Sat.	25	5 ·72	27 ·90	3	27	Tues.	25	4 ·15	4 ·92	3	25	Fri.	23	4 ·43	8 ·85	3
29	Sun.	26	6 ·79	... ...	4	28	Wed.	26	5 ·23	... ...	4	26	Sat.	24	5 ·44	9 ·89	4
—30	Mon.	27	7 ·87	1 ·00	5	29	Thur.	27	6 ·30	5 ·02	5	27	Sun.	25	6 ·44	10 ·91	5
1	Tues.	28	8 ·96	2 ·10	6	—30	Fri.	28	7 ·36	3 ·10	6	28	Mon.	26	7 ·42	11 ·91	6
2	Wed.	29	... ...	3 ·22	7	1	Sat.	29	8 ·40	7 ·18	7	29	Tues.	27	8 ·39	12 ·88	7
3	Thur.	30	9 ·05	4 ·32	8	2	Sun.	30	9 ·42	8 ·23	8	30	Wed.	28	9 ·33	13 ·84	8
4	Fri.	31	10 ·18	5 ·41	9	3	Mon.	31	10 ·43	9 ·25	9	—31	Thur.	29	10 ·25	14 ·79	9
												1	Fri.	30	11 ·16	15 ·73	10
												2	Sat.	31	12 ·06 / 13 ·96	16 ·67	11
		Feb.						**April.**						**June.**			
5	Sat.	1	11 ·19	6 ·49	10	4	Tues.	1	11 ·41	10 ·26	10	3	Sun.	1	14 ·86	17 ·60	12
6	Sun.	2	12 ·42	7 ·55	11	5	Wed.	2	12 ·37	11 ·24	11	4	Mon.	2	P ·76	18 ·53	13
7	Mon.	3	13 ·27	8 ·59	12	6	Thur.	3	13 ·31	12 ·22	12	5	Tues.	3	1 ·66	19 ·47	14
8	Tues.	4	14 ·27	9 ·61	13	7	Fri.	4	14 ·24	13 ·18	13	6	Wed.	4	2 ·57	20 ·41	15
9	Wed.	5	P ·26	10 ·61	14	8	Sat.○	5	P ·16	14 ·12	14	7	Thur.	5	3 ·49	21 ·37	16
10	Thur.	6	1 ·22	11 ·59	15	9	Sun.	6	1 ·07	15 ·06	15	8	Fri.	6	4 ·42	22 ·33	17
11	Fri.	7	2 ·16	12 ·55	16				2 ·97	16 ·99		9	Sat.	7	5 ·37	23 ·31	18
12	Sat.	8	3 ·09	13 ·50	17	10	Mon.	7	3 ·86	17 ·93	16	10	Sun.	8	6 ·34	24 ·31	19
13	Sun.	9	4 ·01 / 5 ·92	14 ·45	18	11	Tues.	8	4 ·76	18 ·86	17	11	Mon.	9	7 ·33	25 ·33	20
14	Mon.	10	6 ·82	15 ·38	19	12	Wed.	9	5 ·66	19 ·79	18	12	Tues.	10	8 ·33	26 ·37	21
15	Tues.	11	7 ·72	16 ·31	20	13	Thur.	10	6 ·57	20 ·74	19	13	Wed.	11	9 ·37	27 ·43	22
16	Wed.	12	8 ·62	17 ·24	21	14	Fri.	11	7 ·49	21 ·69	20	14	Thur.	12	10 ·42	1 ·51	23
17	Thur.	13	9 ·52	18 ·17	22	15	Sat.	12	8 ·43	22 ·66	21	15	Fri.	13	11 ·49	2 ·61	24
18	Fri.	14	10 ·44	19 ·12	23	16	Sun.	13	9 ·39	23 ·66	22	16	Sat.	14	12 ·57	3 ·71	25
19	Sat.	15	11 ·37	20 ·07	24	17	Mon.	14	10 ·36	24 ·67	23	17	Sun.	15	13 ·66	4 ·82	26
20	Sun.	16	12 ·31	21 ·03	25	18	Tues.	15	11 ·33	25 ·70	24	18	Mon.	16	14 ·74	5 ·93	27
21	Mon.	17	13 ·27	22 ·01	26	19	Wed.	16	12 ·35	26 ·75	25	19	Tues.	17	—A ·81	... ...	28
22	Tues.	18	14 ·24	23 ·01	27	20	Thur.	17	13 ·38	27 ·81	26	20	Wed.	18	1 ·87	6 ·02	—29
23	Wed.	19	—A ·22	24 ·03	28	21	Fri.	18	14 ·44	1 ·91	27	21	Thur.	19	2 ·91	7 ·10	1
24	Thur.	20	1 ·24	25 ·07	—29	22	Sat.	19	—A ·51	... ...	28	22	Fri.	20	3 ·92	8 ·16	2
25	Fri.	21	2 ·28	26 ·13	1	23	Sun.	20	1 ·59	2 ·01	—29	23	Sat.	21	4 ·92	9 ·21	3
26	Sat.	22	3 ·33	27 ·21	2	24	Mon.	21	2 ·68	3 ·11	1	24	Sun.	22	5 ·90	10 ·23	4
27	Sun.	23	4 ·40	1 ·30	3	25	Tues.	22	3 ·76	4 ·22	2	25	Mon.	23	6 ·86	11 ·23	5
28	Mon.	24	5 ·48	2 ·40	4	26	Wed.	23	4 ·83	5 ·32	3	26	Tues.	24	7 ·80	12 ·21	6
29	Tues.	25	6 ·58	3 ·52	5	27	Thur.	24	5 ·89	6 ·42	4	27	Wed.	25	8 ·73	13 ·18	7
—30	Wed.	26	7 ·66	4 ·62	6	28	Fri.	25	6 ·94	7 ·49	5	28	Thur.	26	9 ·64	14 ·13	8
1	Thur.	27	8 ·73	5 ·72	7	29	Sat.	26	7 ·95	8 ·54	6	29	Fri.	27	10 ·54	15 ·08	9
2	Fri.	28	9 ·79	6 ·80	8	30	Sun.	27	8 ·95	9 ·57	7	30	Sat.	28	11 ·44	16 ·01 / 17 ·94	10
						—31	Mon.	28	9 ·93	10 ·58	8						
						1	Tues.	29	10 ·90	11 ·58	9	31	Sun.	29	12 ·34	18 ·87	11
						2	Wed.	30	11 ·84	12 ·55	10	—32	Mon.	30	13 ·23	19 ·80	12

Naksh:—1. Aśvin 2. Bhar. 3 Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1623. **Kollam 799,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1033,** Commences **Oct. 15.** **Vikrama 1680.** **Bengal San. 1029.** **(N. Cycle) Aṅgiras.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Tues.	1	14 ·13	20 ·75	13	1	Mon.	1	3 ·88	27 ·36	16	1	Sat.	1	4 ·42	6 ·53	18
2	Wed.	2	P ·04	21 ·70	14	2	Tues.	2	4 ·93	1 ·42	17	2	Sun.	2	5 ·50	7 ·63	19
			1 ·96			3	Wed.	3	... ...	2 ·51	18	3	Mon.	3	6 ·57	8 ·71	20
3	Thur.	3	2 ·90	22 ·66	15	4	Thur.	4	5 ·00	3 ·61	19	4	Tues.	4	7 ·62	9 ·78	21
4	Fri.	4	3 ·86	23 ·64	16	5	Fri.	5	6 ·08	4 ·72	20	5	Wed.	5	8 ·65	10 ·83	22
5	Sat.	5	4 ·83	24 ·63	17	6	Sat.	6	7 ·16	5 ·82	21	6	Thur.	6	9 ·64	11 ·85	23
6	Sun.	6	5 ·81	25 ·65	18	7	Sun.	7	8 ·24	6 ·93	22	7	Fri.	7	10 ·62	12 ·85	24
7	Mon.	7	6 ·81	26 ·69	19	8	Mon.	8	9 ·32	... ...	23	8	Sat.	8	11 ·58	13 ·84	25
8	Tues.	8	7 ·85	27 ·74	20	9	Tues.	9	10 ·38	7 ·03	24	9	Sun.	9	12 ·53	14 ·81	26
9	Wed.	9	8 ·90	1 ·81	21	10	Wed.	10	11 ·43	8 ·10	25	10	Mon.	10	13 ·47	15 ·76	27
10	Thur.	10	9 ·97	2 ·91	22	11	Thur.	11	12 ·45	9 ·15	26	11	Tues.	11	14 ·39	16 ·71	28
11	Fri.	11	... ...	... ...	23	12	Fri.	12	13 ·45	10 ·19	27	12	Wed.	12	—A ·30	17 ·64	29
12	Sat.	12	10 ·05	3 ·02	24	13	Sat.	13	14 ·43	11 ·20	28	13	Thur.	13	1 ·20	18 ·57	—30
13	Sun.	13	11 ·13	4 ·12	25	14	Sun.	14	—A ·39	12 ·20	29	14	Fri.	14	2 ·10	19 ·50	1
14	Mon.	14	12 ·21	5 ·23	26	15	Mon.	15	1 ·33	13 ·18	—30	15	Sat.	15	3 ·00	20 ·43	2
15	Tues.	15	13 ·29	6 ·32	27	16	Tues.	16	2 ·26	14 ·14	1				4 ·91		
16	Wed.	16	14 ·35	7 ·41	28	17	Wed.	17	3 ·18	15 ·09	2	16	Sun.	16	5 ·83	21 ·38	3
17	Thur.	17	—A ·38	8 ·47	29	18	Thur.	18	4 ·09	16 ·63	3	17	Mon.	17	6 ·75	22 ·33	4
18	Fri.	18	1 ·40	9 ·53	—30				5 ·99	17 ·97		18	Tues.	18	7 ·69	23 ·29	5
19	Sat.	19	2 ·40	10 ·55	1	19	Fri.	19	6 ·89	18 ·90	4	19	Wed.	19	8 ·65	24 ·26	6
20	Sun.	20	3 ·38	11 ·56	2	20	Sat.	20	7 ·79	19 ·83	5	20	Thur.	20	9 ·63	25 ·25	7
21	Mon.	21	4 ·34	12 ·54	3	21	Sun.	21	8 ·69	20 ·76	6	21	Fri.	21	10 ·62	26 ·27	8
22	Tues.	22	5 ·28	13 ·51	4	22	Mon.	22	9 ·60	21 ·70	7	22	Sat.	22	11 ·64	27 ·30	9
23	Wed.	23	6 ·21	14 ·47	5	23	Tues.	23	10 ·53	22 ·65	8	23	Sun.	23	12 ·68	1 ·35	10
24	Thur.	24	7 ·12	15 ·42	6	24	Wed.	24	11 ·47	23 ·63	9	24	Mon.	24	13 ·73	2 ·42	11
25	Fri.	25	8 ·02	16 ·35	7	25	Thur.	25	12 ·43	24 ·61	10	25	Tues.	25	14 ·80	3 ·51	12
			9 ·92			26	Fri.	26	13 ·40	25 ·61	11	26	Wed.	26	P ·89	4 ·62	13
26	Sat.	26	10 ·82	17 ·28	8	27	Sat.	27	14 ·40	26 ·63	12	27	Thur.	27	1 ·98	5 ·73	14
27	Sun.	27	11 ·72	18 ·21	9	28	Sun.○	28	P ·41	27 ·67	13	28	Fri.	28	... ...	6 ·83	15
28	Mon.	28	12 ·62	19 ·15	10	29	Mon.	29	1 ·44	1 ·74	14	29	Sat.	29	2 ·06	7 ·93	16
29	Tues.	29	13 ·53	20 ·09	11	30	Tues.	30	2 ·49	2 ·82	15	1	Sun.	30	3 ·14	... ...	17
30	Wed.	30	14 ·45	21 ·03	12												
				22 ·99													
—31	Thur.	31	P ·39	23 ·96	13												
	Aug.						**Oct.**						**Dec.**				
1	Fri.	1	1 ·35	24 ·96	14	—31	Wed.	1	3 ·56	3 ·92	16	2	Mon.	1	4 ·21	8 ·02	18
2	Sat.	2	2 ·32	25 ·97	15	1	Thur.	2	4 ·64	... ..	17	3	Tues.	2	5 ·26	9 ·10	19
3	Sun.	3	3 ·30	... ...	16	2	Fri.	3	5 ·73	4 ·02	18	4	Wed.	3	6 ·29	10 ·14	20
4	Mon.	4	4 ·31	26 ·00	17	3	Sat.	4	6 ·82	5 ·13	19	5	Thur.	4	7 ·28	11 ·17	21
5	Tues.	5	5 ·35	27 ·05	18	4	Sun.	5	7 ·90	6 ·24	20	6	Fri.	5	8 ·27	12 ·18	22
6	Wed.	6	6 ·40	1 ·12	19	5	Mon.	6	8 ·97	7 ·33	21	7	Sat.	6	9 ·23	13 ·17	23
7	Thur.	7	7 ·47	2 ·21	20	6	Tues.	7	... ...	8 ·41	22	8	Sun.	7	10 ·18	14 ·14	24
8	Fri.	8	8 ·55	3 ·31	21	7	Wed.	8	9 ·01	9 ·47	23	9	Mon.	8	11 ·11	15 ·10	25
9	Sat.	9	9 ·63	4 ·42	22	8	Thur.	9	10 ·03	10 ·50	24	10	Tues.	9	12 ·03	16 ·05	26
10	Sun.	10	10 ·70	5 ·53	23	9	Fri.	10	11 ·03	11 ·53	25				13 ·94	17 ·98	
11	Mon.	11	11 ·79	6 ·63	24	10	Sat.	11	12 ·01	12 ·53	26	11	Wed.	10	14 ·84	18 ·91	27
12	Tues.	12	12 ·85	7 ·71	25				13 ·97			12	Thur.	11	—A ·74	19 ·84	28
13	Wed.	13	13 ·90	8 ·79	26	11	Sun.	12	14 ·91	13 ·51	27	13	Fri.	12	1 ·64	20 ·78	—29
14	Thur.	14	14 ·92	9 ·84	27	12	Mon.	13	—A ·84	14 ·47	28	14	Sat.	13	2 ·55	21 ·72	1
15	Fri.	15	—A ·91	10 ·87	28	13	Tues.	14	1 ·76	15 ·42	—29	15	Sun.	14	3 ·47	22 ·66	2
16	Sat.	16	1 ·89	11 ·88	—29	14	Wed.	15	2 ·67	16 ·37	1	16	Mon.	15	4 ·40	23 ·62	3
17	Sun.	17	2 ·85	12 ·87	1	15	Thur.	16	3 ·58	17 ·31	2	17	Tues.	16	5 ·34	24 ·59	4
18	Mon.	18	3 ·79	13 ·85	2	16	Fri.	17	4 ·48	18 ·25	3	18	Wed.	17	6 ·29	25 ·58	5
19	Tues.	19	4 ·72	14 ·81	3	17	Sat.	18	5 ·38	19 ·17	4	19	Thur.	18	7 ·27	26 ·59	6
20	Wed.	20	5 ·64	15 ·75	4	18	Sun.	19	6 ·28	20 ·10	5	20	Fri.	19	8 ·26	27 ·61	7
21	Thur.	21	6 ·54	16 ·69	5					21 ·04		21	Sat.	20	9 ·29	1 ·66	8
22	Fri.	22	7 ·44	17 ·62	6	19	Mon.	20	7 ·20	22 ·99	6	22	Sun.	21	10 ·32	2 ·73	9
23	Sat.	23	8 ·34	18 ·56	7	20	Tues.	21	8 ·12	23 ·96	7	23	Mon.	22	11 ·37	3 ·82	10
24	Sun.	24	9 ·24	19 ·49	8	21	Wed.	22	9 ·06	24 ·93	8	24	Tues.	23	12 ·45	4 ·92	11
25	Mon.	25	10 ·14	20 ·42	9	22	Thur.	23	10 ·02	25 ·93	9	25	Wed.	24	13 ·53	.. ..	12
26	Tues.	26	11 ·05	21 ·37	10				11 ·99			26	Thur.	25	14 ·62	5 ·03	13
			12 ·98			23	Fri.	24	12 ·99	26 ·94	10	27	Fri.	26	P ·71	6 ·13	14
27	Wed.	27	13 ·92	22 ·32	11	24	Sat.	25	... ...	27 ·99	11	28	Sat.	27	1 ·79	7 ·24	15
28	Thur.	28	14 ·87	23 ·30	12	25	Sun.	26	13 ·01	... ...	12	29	Sun.	28	2 ·85	8 ·32	16
29	Fri.	29	P ·84	24 ·28	13	26	Mon.	27	14 ·05	1 ·05	13	—30	Mon.	29	3 ·90	9 ·40	17
30	Sat.	30	1 ·83	25 ·29	14	27	Tues.	28	P ·10	2 ·12	14	1	Tues.	30	4 ·93	10 ·46	18
—31	Sun.	31	2 ·85	26 ·31	15	28	Wed.	29	1 ·17	3 ·21	15	2	Wed.	31	5 ·92	11 ·49	19
						29	Thur.	30	2 ·25	4 ·31	16						
						—30	Fri.	31	3 ·34	5 ·43	17						

Rudhirodgārin. **Karkataka—Ādi.** *Sukla.* **Śrāvaṇa.** *Bahula.* **Simha—Avaṇi.** *Rudhirodgārin.* **Kanyā—Puraṭṭāśi.** *Rudhirodgārin.* **Tulā—Aippaśi.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Rudhirodgārin.* **Vṛśchika—Kārttigai.** *Sukla.* **Mārgaśīrṣha.** *Bahula.* **Dhanus—Mārgali.** *Rudhirodgārin.* **Pausha.** *Sukla.*

H. 1032 *Ramaẓān.* *H.* 1032 *Zi-l-ka'da.* *H.* 1032 *Zi-l-ḥijja.* *H.* 1033 *Muharram.* *H.* 1033 *Ṣafar.* *H.* 1033 *Rabī'ul awwal.*

H. 1032 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

575.3205
I-E
V-6

A.D. 1624. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·20.** **Śaka 1546.** **Kaliyuga 4725.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·12.** **(S. Cycle) Raktāksha.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Rudhirodgārin. **Makara—Tai.**	**Jan.**			
3	Thur. 1	6 ·91	12 ·50	20
4	Fri. 2	7 ·87	13 ·49	21
5	Sat. 3	8 ·82	14 ·48	22
6	Sun. 4	9 ·76	15 ·44	23
7	Mon. 5	10 ·68	16 ·38	24
8	Tues 6	11 ·58	17 ·32	25
9	Wed. 7	12 ·48	18 ·25	26
10	Thur. 8	13 ·38	19 ·19	27
11	Fri. 9	14 ·29	20 ·12	28
12	Sat. 10	--**A** ·20	21 ·05	29
13	Sun. 11	1 ·11	22 ·00 / 23 ·95	—30
14	Mon. 12	2 ·04 / 3 ·98	24 ·92	1
15	Tues. 13	4 ·93	25 ·91	2
16	Wed. 14	5 ·91	26 ·91	3
17	Thur. 15	6 ·91	27 ·93	4
18	Fri. 16	7 ·93	1 ·97	5
19	Sat. 17	8 ·96	... ...	6
20	Sun. 18	... ...	2 ·04	7
21	Mon. 19	9 ·02	3 ·12	8
22	Tues. 20	10 ·10	4 ·22	9
23	Wed. 21	11 ·18	5 ·32	10
24	Thur. 22	12 ·26	6 ·43	11
25	Fri. 23	13 ·34	7 ·53	12
26	Sat. 24	14 ·42	8 ·63	13
27	Sun. 25	**P** ·49	9 ·71	14
28	Mon. 26	1 ·54	10 ·77	15
—29	Tues. 27	2 ·56	11 ·81	16
1	Wed. 28	3 ·56	12 ·82	17
2	Thur. 29	4 ·54	13 ·83	18
3	Fri. 30	5 ·50	14 ·81	19
4	Sat. 31	6 ·45	15 ·77	20
Budhirodgārin. **Kumbha—Māgi.**	**Feb.**			
5	Sun. 1	7 ·39	16 ·72	21
6	Mon. 2	8 ·31	17 ·66	22
7	Tues. 3	9 ·21	18 ·60	23
8	Wed. 4	10 ·11	19 ·53	24
9	Thur. 5	11 ·01 / 12 ·91	20 ·46	25
10	Fri. 6	13 ·82	21 ·39	26
11	Sat. 7	14 ·74	22 ·33	27
12	Sun. 8	—**A** ·66	23 ·29	28
13	Mon. 9	1 ·60	24 ·25	—29
14	Tues. 10	2 ·56	25 ·23	1
15	Wed. 11	3 ·53	26 ·23	2
16	Thur. 12	4 ·53	27 ·24	3
17	Fri. 13	5 ·54	1 ·28	4
18	Sat. 14	6 ·58	2 ·35	5
19	Sun. 15	7 ·64	3 ·43	6
20	Mon. 16	8 ·71	4 ·52	7
21	Tues. 17	9 ·79	5 ·62	8
22	Wed. 18	10 ·88	6 ·73	9
23	Thur. 19	11 ·96	7 ·84	10
24	Fri. 20	... ...	8 ·94	11
25	Sat. 21	12 ·04	... ...	12
26	Sun. 22	13 ·10	9 ·02	13
27	Mon. 23	14 ·15	10 ·08	14
28	Tues. 24	**P** ·17	11 ·12	15
29	Wed. 25	1 ·17	12 ·15	16
—30	Thur. 26	2 ·15	13 ·15	17
1	Fri. 27	3 ·11	14 ·14	18
2	Sat. 28	4 ·05 / 5 ·98	15 ·10	19
3	Sun. 29	6 ·90	16 ·05	20

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Rudhirodgārin. **Mīna—Pangūni.**	**March.**			
4	Mon. 1	7 ·81	17 ·00 / 18 ·94	21
5	Tues. 2	8 ·71	19 ·87	22
6	Wed. 3	9 ·61	20 ·80	23
7	Thur. 4	10 ·51	21 ·73	24
8	Fri. 5	11 ·41	22 ·67	25
9	Sat. 6	12 ·33	23 ·62	26
10	Sun. 7	13 ·25	24 ·58	27
11	Mon. 8	14 ·19	25 ·56	28
12	Tues. ● 9	—**A** ·15	26 ·55	29
13	Wed. 10	1 ·12	27 ·56	—30
14	Thur. 11	2 ·12	1 ·60	1
15	Fri. 12	3 ·13	2 ·66	2
16	Sat. 13	4 ·17	3 ·73	3
17	Sun. 14	5 ·22	4 ·82	4
18	Mon. 15	6 ·29	5 ·92	5
19	Tues. 16	7 ·37	... ...	6
20	Wed. 17	8 ·46	6 ·04	7
21	Thur. 18	9 ·54	7 ·14	8
22	Fri. 19	10 ·62	8 ·24	9
23	Sat. 20	11 ·68	9 ·32	10
24	Sun. 21	12 ·72	10 ·39	11
25	Mon. 22	13 ·75	11 ·45	12
26	Tues. 23	14 ·74	12 ·47	13
27	Wed. ○ 24	**P** ·72	13 ·48	14
28	Thur. 25	1 ·67	14 ·46	15
29	Fri. 26	2 ·61	15 ·43	16
—30	Sat. 27	3 ·54	16 ·40	17
1	Sun. 28	4 ·46	17 ·34	18
2	Mon. 29	5 ·37	18 ·28	19
3	Tues. 30	6 ·27	19 ·21	20
4	Wed. 31	7 ·17	20 ·14	21
	April.			
5	Thur. 1	8 ·07 / 9 ·97	21 ·07	22
6	Fri. 2	10 ·88	22 ·01 / 23 ·96	23
7	Sat. 3	11 ·80	24 ·91	24
8	Sun. 4	12 ·74	25 ·88	25
9	Mon. 5	13 ·69	26 ·87	26
10	Tues. 6	14 ·66	27 ·89	27
11	Wed. 7	—**A** ·66	1 ·92	28
12	Thur. 8	1 ·67	2 ·97	—29
13	Fri. 9	2 ·71	... ...	1
14	Sat. 10	3 ·76	3 ·03	2
15	Sun. 11	4 ·83	4 ·12	3
16	Mon. 12	5 ·91	5 ·23	4
17	Tues. 13	... ...	6 ·33	5
18	Wed. 14	6 ·00	7 ·44	6
19	Thur. 15	7 ·08	8 ·54	7
20	Fri. 16	8 ·15	9 ·63	8
21	Sat. 17	9 ·21	10 ·71	9
22	Sun. 18	10 ·25	11 ·76	10
23	Mon. 19	11 ·28	12 ·79	11
24	Tues. 20	12 ·27	13 ·80	12
25	Wed. 21	13 ·25	14 ·79	13
26	Thur. 22	14 ·20	15 ·76	14
27	Fri. 23	**P** ·14	16 ·73	15
28	Sat. 24	1 ·07 / 2 ·99	17 ·68	16
29	Sun. 25	3 ·89	18 ·62	17
30	Mon. 26	4 ·79	19 ·55	18
—31	Tues. 27	5 ·69	20 ·47	19
1	Wed. 28	6 ·59	21 ·41	20
2	Thur. 29	7 ·49	22 ·35	21
3	Fri. 30	8 ·39	23 ·29	22

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Raktāksha. **Vrishabha—Vaigāsi.**	**May.**			
4	Sat. 1	9 ·31	24 ·24	23
5	Sun. 2	10 ·26	25 ·21	24
6	Mon. 3	11 ·22	26 ·21	25
7	Tues. 4	12 ·19	27 ·21	26
8	Wed. 5	13 ·17	1 ·23	27
9	Thur. 6	14 ·19	2 ·27	28
10	Fri. 7	--**A** ·22	3 ·34	29
11	Sat. 8	1 ·27	4 ·43	—30
12	Sun. 9	2 ·34	5 ·53	1
13	Mon. 10	3 ·42	6 ·63	2
14	Tues. 11	4 ·51	7 ·74	3
15	Wed. 12	5 ·59	8 ·84	4
16	Thur. 13	6 ·68	9 ·94	5
17	Fri. 14	7 ·71	... ...	6
18	Sat. 15	8 ·75	10 ·02	7
19	Sun. 16	9 ·77	11 ·07	8
20	Mon. 17	10 ·76	12 ·11	9
21	Tues. 18	11 ·74	13 ·12	10
22	Wed. 19	12 ·70	14 ·12	11
23	Thur. 20	13 ·64	15 ·10	12
24	Fri. 21	14 ·57	16 ·06 / 17 ·01	13
25	Sat. 22	**P** ·48	18 ·95	14
26	Sun. 23	1 ·38	19 ·88	15
27	Mon. 24	2 ·28	20 ·82	16
28	Tues. 25	3 ·18	21 ·75	17
29	Wed. 26	4 ·07 / 5 ·97	22 ·69	18
30	Thur. 27	6 ·88	23 ·63	19
—31	Fri. 28	7 ·80	24 ·58	20
1	Sat. 29	8 ·74	25 ·55	21
2	Sun. 30	9 ·69	26 ·53	22
3	Mon. 31	10 ·67	27 ·53	23
	June.			
4	Tues. 1	11 ·66	1 ·55	24
5	Wed. 2	12 ·67	2 ·59	25
6	Thur. 3	13 ·70	3 ·65	26
7	Fri. 4	14 ·76	4 ·73	27
8	Sat. 5	—**A** ·82	5 ·83	28
9	Sun. 6	1 ·90	6 ·93	—29
10	Mon. 7	2 ·99	... ...	1
11	Tues. 8	... ...	7 ·04	2
12	Wed. 9	3 ·07	8 ·14	3
13	Thur. 10	4 ·14	9 ·24	4
14	Fri. 11	5 ·19	10 ·32	5
15	Sat. 12	6 ·23	11 ·38	6
16	Sun. 13	7 ·25	12 ·42	7
17	Mon. 14	8 ·25	13 ·44	8
18	Tues. 15	9 ·23	14 ·45	9
19	Wed. 16	10 ·18	15 ·43	10
20	Thur. 17	11 ·12	16 ·40	11
21	Fri. 18	12 ·05 / 13 ·96	17 ·35	12
22	Sat. 19	14 ·86	18 ·29	13
23	Sun. 20	**P** ·76	19 ·23	14
24	Mon. 21	1 ·66	20 ·16	15
25	Tues. 22	2 ·55	21 ·09	16
26	Wed. 23	3 ·45	22 ·02 / 23 ·96	17
27	Thur. 24	4 ·36	24 ·92	18
28	Fri. 25	5 ·28	25 ·88	19
29	Sat. 26	6 ·22	26 ·86	20
30	Sun. 27	7 ·18	27 ·85	21
31	Mon. 28	8 ·15	1 ·86	22
—32	Tues. 29	9 ·13	2 ·91	23
1	Wed 30	10 ·15	3 ·96	24

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chait. 15. Swāti. 16. Vaiśā. 17. Anur. 18. Jyesh. 19. Mūl. 20. P. Ashā. 21. U. Ashā. 22. Śrav. 23. Dhan. 24. Śat. 25 P. Bhad. 26. U. Bhad. 27. Rev.

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A.D. 1624. **Kollam 800,** { **N. Malabar—Sep.** **Hijra 1034.** **Vikrama 1681.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 4.** **Bengal San. 1030.**
P—Paurnimā. **(N. Cycle) Śrīmukha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
2	Thur.	1	11 ·18	... ...	25	1	Wed.	1	14 ·70	10 ·24	28	2	Mon.	1	1 ·82	16 ·06	29
3	Fri.	2	12 ·23	4 ·04	26	2	Thur.	2	—**A** ·74	11 ·32	29	3	Tues.	2	2 ·75	17 ·02 / 18 ·98	—30
4	Sat.	3	13 ·30	5 ·13	27	3	Fri.	3	1 ·76	12 ·37	—30	4	Wed.	3	3 ·67	19 ·92	1
5	Sun.	4	14 ·38	6 ·23	28	4	Sat.	4	2 ·75	13 ·41	1	5	Thur.	4	4 ·57	20 ·86	2
6	Mon.	5	—**A** ·47	7 ·33	29	5	Sun.	5	3 ·73	14 ·42	2	6	Fri.	5	5 ·47	21 ·79	3
7	Tues.	6	1 ·55	8 ·45	—30	6	Mon.	6	4 ·69	15 ·41	3	7	Sat.	6	6 ·37	22 ·72	4
8	Wed.	7	2 ·62	9 ·55	1	7	Tues.	7	5 ·63	16 ·40	4	8	Sun.	7	7 ·28	23 ·65	5
9	Thur.	8	3 ·67	10 ·63	2	8	Wed.	8	6 ·56	17 ·36	5	9	Mon.	8	8 ·19	24 ·59	6
10	Fri.	9	4 ·71	11 ·69	3	9	Thur.	9	7 ·47	18 ·31	6	10	Tues.	9	9 ·10	25 ·55	7
11	Sat.	10	5 ·73	12 ·74	4	10	Fri.	10	8 ·38	19 ·25	7	11	Wed.	10	10 ·03 / 11 ·98	26 ·51	8
12	Sun.	11	6 ·73	13 ·77	5	11	Sat.	11	9 ·28	20 ·18	8	12	Thur.	11	12 ·94	27 ·48	9
13	Mon.	12	7 ·71	14 ·78	6	12	Sun.	12	10 ·18	21 ·11	9	13	Fri.	12	13 ·91	1 ·47	10
14	Tues.	13	8 ·66	15 ·76	7	13	Mon.	13	11 ·08 / 12 ·98	22 ·05 / 23 ·98	10	14	Sat.	13	14 ·90	2 ·48	11
15	Wed.	14	9 ·60	16 ·73	8	14	Tues.	14	13 ·90	24 ·92	11	15	Sun.	14	P ·93	3 ·52	12
16	Thur.	15	10 ·52	17 ·68	9	15	Wed.	15	14 ·83	25 ·87	12	16	Mon.	15	1 ·97	4 ·57	13
17	Fri.	16	11 ·43	18 ·64	10	16	Thur	○16	P ·77	26 ·84	13	17	Tues.	16	... ...	5 ·64	14
18	Sat.	17	12 ·34	19 ·57	11	17	Fri.	17	1 ·72	27 ·83	14	18	Wed.	17	2 ·03	6 ·73	15
19	Sun.	18	13 ·24	20 ·50	12	18	Sat.	18	2 ·70	1 ·83	15	19	Thur.	18	3 ·10	7 ·83	16
20	Mon.	19	14 ·14	21 ·43	13	19	Sun.	19	3 ·69	2 ·85	16	20	Fri.	19	4 ·18	8 ·94	17
21	Tues.	20	P ·03 / 1 ·93	22 ·36	14	20	Mon.	20	4 ·70	3 ·89	17	21	Sat.	20	5 ·27	... ...	18
22	Wed.	21	2 ·84	23 ·31	15	21	Tues.	21	5 ·74	4 ·95	18	22	Sun.	21	6 ·36	9 ·05	19
23	Thur.	22	3 ·77	24 ·25	16	22	Wed.	22	6 ·80	... ...	19	23	Mon.	22	7 ·44	10 ·15	20
24	Fri.	23	4 ·71	25 ·21	17	23	Thur.	23	7 ·88	5 ·04	20	24	Tues.	23	8 ·50	11 ·24	21
25	Sat.	24	5 ·66	26 ·18	18	24	Fri.	24	8 ·96	6 ·13	21	25	Wed.	24	9 ·54	12 ·31	22
26	Sun.	25	6 ·63	27 ·17	19	25	Sat.	25	... ...	7 ·24	22	26	Thur.	25	10 ·56	13 ·35	23
27	Mon.	26	7 ·63	1 ·18	20	26	Sun.	26	9 ·05	8 ·34	23	27	Fri.	26	11 ·57	14 ·39	24
28	Tues.	27	8 ·64	2 ·22	21	27	Mon.	27	10 ·13	9 ·45	24	28	Sat.	27	12 ·55	15 ·40	25
29	Wed.	28	9 ·67	3 ·27	22	28	Tues.	28	11 ·21	10 ·55	25	—29	Sun.	28	13 ·51	16 ·39	26
30	Thur.	29	10 ·72	4 ·34	23	29	Wed.	29	12 ·27	11 ·63	26	1	Mon.	29	14 ·45	17 ·36	27
31	Fri.	30	11 ·79	5 ·43	24	—30	Thur.	30	13 ·31	12 ·69	27	2	Tues.	30	—**A** ·38	18 ·31	28
—32	Sat.	31	12 ·87	6 ·53	25												
	Aug.						**Oct.**						**Dec.**				
1	Sun.	1	13 ·96	7 ·64	26	1	Fri.	1	14 ·33	13 ·72	28	3	Wed.	1	1 ·30	19 ·27	—29
2	Mon.	2	... ...	8 ·75	27	2	Sat.	2	—**A** ·32	14 ·74	29	4	Thur.	2	2 ·21	20 ·20	1
3	Tues.	3	14 ·04	9 ·85	28	3	Sun.	3	1 ·30	15 ·74	—30	5	Fri.	3	3 ·12	21 ·18	2
4	Wed.	4	—**A** ·11	10 ·03	—29	4	Mon.	4	2 ·26	16 ·73	1	6	Sat.	4	4 ·02 / 5 ·92	22 ·06 / 23 ·99	3
5	Thur.	5	1 ·17	... ...	1	5	Tues.	5	3 ·21	17 ·69	2	7	Sun.	5	6 ·83	24 ·94	4
6	Fri.	6	2 ·21	11 ·00	2	6	Wed.	6	4 ·14	18 ·64	3	8	Mon.	6	7 ·74	25 ·88	5
7	Sat.	7	3 ·23	12 ·06	3	7	Thur.	7	5 ·05 / 6 ·96	19 ·58	4	9	Tues.	7	8 ·67	26 ·84	6
8	Sun.	8	4 ·22	13 ·09	4	8	Fri.	8	7 ·86	20 ·52	5	10	Wed.	8	9 ·62	27 ·81	7
9	Mon.	9	5 ·20	14 ·10	5	9	Sat.	9	8 ·76	21 ·45	6	11	Thur.	9	10 ·58	1 ·79	8
10	Tues.	10	6 ·16	15 ·09	6	10	Sun.	10	9 ·66	22 ·38	7	12	Fri.	10	11 ·55	2 ·81	9
11	Wed.	11	7 ·10	16 ·06	7	11	Mon.	11	10 ·57	23 ·32	8	13	Sat.	11	12 ·56	3 ·84	10
12	Thur.	12	8 ·03 / 9 ·94	17 ·03 / 18 ·97	8	12	Tues.	12	11 ·48	24 ·26	9	14	Sun.	12	13 ·57	4 ·88	11
13	Fri.	13	10 ·84	19 ·91	9	13	Wed.	13	12 ·41	25 ·21	10	15	Mon.	13	14 ·61	5 ·95	12
14	Sat.	14	11 ·74	20 ·84	10	14	Thur.	14	13 ·35	26 ·18	11	16	Tues.	14	P ·67	... ...	13
15	Sun.	15	12 ·64	21 ·77	11	15	Fri.	15	14 ·31	27 ·15	12	17	Wed.	15	1 ·74	6 ·03	14
16	Mon.	16	13 ·54	22 ·71	12	16	Sat.	16	P ·29	1 ·15	13	18	Thur.	16	2 ·82	7 ·13	15
17	Tues.	17	14 ·44	23 ·64	13	17	Sun.	17	1 ·28	2 ·16	14	19	Fri.	17	3 ·91	8 ·25	16
18	Wed.	18	P ·36	24 ·59	14	18	Mon.	18	2 ·30	3 ·20	15	20	Sat.	18	... ...	9 ·35	17
19	Thur.	19	1 ·29	25 ·54	15	19	Tues.	19	3 ·34	4 ·27	16	21	Sun.	19	4 ·00	10 ·45	18
20	Fri.	20	2 ·23	26 ·51	16	20	Wed.	20	4 ·40	5 ·34	17	22	Mon.	20	5 ·08	11 ·54	19
21	Sat.	21	3 ·18	27 ·49	17	21	Thur.	21	5 ·47	6 ·43	18	23	Tues.	21	6 ·14	12 ·61	20
22	Sun.	22	4 ·14	1 ·51	18	22	Fri.	22	6 ·55	7 ·53	19	24	Wed.	22	7 ·18	13 ·68	21
23	Mon.	23	5 ·14	2 ·53	19	23	Sat.	23	7 ·64	8 ·64	20	25	Thur.	23	8 ·21	14 ·71	22
24	Tues.	24	6 ·15	3 ·58	20	24	Sun.	24	8 ·73	9 ·76	21	26	Fri.	24	9 ·21	15 ·72	23
25	Wed.	25	7 ·19	4 ·64	21	25	Mon.	25	9 ·81	10 ·85	22	27	Sat.	25	10 ·19	16 ·71	24
26	Thur.	26	8 ·24	5 ·73	22	26	Tues.	26	10 ·87	11 ·93	23	28	Sun.	26	11 ·16	17 ·69	25
27	Fri.	27	9 ·32	6 ·83	23	27	Wed.	27	11 ·91	... ...	24	29	Mon.	27	12 ·10	18 ·66	26
28	Sat.	28	10 ·40	7 ·94	24	28	Thur.	28	12 ·93	12 ·00	25	—30	Tues.	28	13 ·03 / 14 ·95	19 ·60	27
29	Sun.	29	11 ·49	... ..	25	29	Fri.	29	13 ·93	13 ·04	26	1	Wed.	29	—**A** ·36	20 ·54	28
30	Mon.	30	12 ·57	8 ·05	26	—30	Sat.	30	14 ·92	14 ·06	27	2	Thur.	30	1 ·76	21 ·47	29
—31	Tues.	31	13 ·64	9 ·15	27	1	Sun.	31	—**A** ·88	15 ·07	28	3	Fri.	31	2 ·66	22 ·40	—30

Raktāksha. **Karkataka—Ādi.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Raktāksha.* **Simha—Āvani.** *H.* 1033 *Shawwāl.* *H.* 1033 *Zi-l-ka'da.* *Raktāksha.* **Kanyā—Purattāśi.** *Sukla.* **Āśvina.** *Bahula.* *H.* 1033 *Zi-l-hijja.* *Raktāksha.* **Tulā—Aippaśi.** *Sukla.* **Kārttika.** *Bahula.* *H.* 1034 *Muharram.* *Raktāksha.* **Vṛiśchika—Kārttigai.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H.* 1034 *Safar.* *Raktāksha.* **Dhanus—Mārgali.** *Sukla.* **Pausha.** *Bahula.* *H.* 1034 *Rabi'ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1625. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·46.** **Śaka 1547.** **Kaliyuga 4726.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·38.** **(S. Cycle) Krodhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Sat.	1	3 ·56	23 ·34	1	4	Tues.	1	3 ·48	1 ·78	1	4	Sun.	1	5 ·60	7 ·64	3
5	Sun.	2	4 ·47	24 ·27	2	5	Wed.	2	4 ·44	2 ·77	2	5	Mon.	2	6 ·67	8 ·74	4
6	Mon.	3	5 ·39	25 ·22	3	6	Thur.	3	5 ·42	3 ·78	3	6	Tues.	3	7 ·75	9 ·85	5
7	Tues.	4	6 ·32	26 ·17	4	7	Fri.	4	6 ·42	4 ·81	4	7	Wed.	4	8 ·84	10 ·96	6
8	Wed.	5	7 ·26	27 ·13	5	8	Sat.	5	7 ·44	5 ·88	5	8	Thur.	5	9 ·92	... ...	7
9	Thur.	6	8 ·22	1 ·12	6	9	Sun.	6	8 ·48	6 ·95	6	9	Fri.	6	10 ·99	11 ·06	8
10	Fri.	7	9 ·19	2 ·13	7	10	Mon.	7	9 ·53	... ...	7	10	Sat.	7	... ...	12 ·15	9
11	Sat.	8	10 ·20	3 ·15	8	11	Tues.	8	10 ·60	7 ·03	8	11	Sun.	8	11 ·04	13 ·23	10
12	Sun.	9	11 ·21	4 ·19	9	12	Wed.	9	11 ·68	8 ·14	9	12	Mon.	9	12 ·08	14 ·29	11
13	Mon.	10	12 ·25	5 ·25	10	13	Thur.	10	12 ·77	9 ·25	10	13	Tues.	10	13 ·09	15 ·33	12
14	Tues.	11	13 ·32	6 ·33	11	14	Fri.	11	13 ·85	10 ·36	11	14	Wed.	11	14 ·09	16 ·34	13
15	Wed.	12	14 ·39	7 ·44	12	15	Sat.	12	14 ·93	11 ·46	12	15	Thur.	12	P ·07	17 ·34	14
16	Thur.	13	P ·47	8 ·54	13	16	Sun. ○	13	P ·99	12 ·54	13	16	Fri.	13	1 ·03 2 ·97	18 ·31	15
17	Fri.	14	1 ·55	9 ·65	14	17	Mon.	14	... ...	13 ·61	14						
18	Sat.	15	2 ·64	10 ·75	15	18	Tues.	15	1 ·03	14 ·66	15	17	Sat.	14	3 ·89	19 ·28	16
19	Sun.	16	3 ·72	11 ·85	16	19	Wed.	16	2 ·05	15 ·68	16	18	Sun.	15	4 ·80	20 ·23	17
20	Mon.	17	4 ·79	12 ·93	17	20	Thur.	17	3 ·04	16 ·70	17	19	Mon.	16	5 ·70	21 ·17	18
21	Tues.	18	5 ·83	13 ·99	18	21	Fri.	18	4 ·03 5 ·99	17 ·68	18	20	Tues.	17	6 ·60	22 ·10	19
22	Wed.	19	6 ·86	... ...	19							21	Wed.	18	7 ·50	23 ·03 24 ·97	20
23	Thur.	20	7 ·85	14 ·03	20	22	Sat.	19	6 ·93	18 ·55	19						
24	Fri.	21	8 ·83	15 ·04	21	23	Sun.	20	7 ·85	19 ·61	20	22	Thur.	19	8 ·40	25 ·90	21
25	Sat.	22	9 ·79	16 ·04	22	24	Mon.	21	8 ·77	20 ·55	21	23	Fri.	20	9 ·30	26 ·85	22
26	Sun.	23	10 ·74	17 ·03 18 ·99	23	25	Tues.	22	9 ·67	21 ·50	22	24	Sat.	21	10 ·21	27 ·80	23
						26	Wed.	23	10 ·57	22 ·43	23	25	Sun.	22	11 ·13	1 ·76	24
27	Mon.	24	11 ·67	19 ·94	24	27	Thur.	24	11 ·47	23 ·36	24	26	Mon.	23	12 ·07	2 ·74	25
28	Tues.	25	12 ·58	20 ·88	25	28	Fri.	25	12 ·37	24 ·29	25						
—29	Wed.	26	13 ·49	21 ·81	26	29	Sat.	26	13 ·27	25 ·22	26	27	Tues.	24	13 ·02 14 ·99	3 ·75	26
1	Thur.	27	14 ·39	22 ·75	27	—30	Sun.	27	14 ·18	26 ·17	27						
2	Fri.	28	—A ·29	23 ·68	28	1	Mon.	28	—A ·10	27 ·13	28	28	Wed.	25	—A ·99	4 ·77	27
3	Sat.	29	1 ·19	24 ·61	—29	2	Tues.	29	1 ·04	1 ·10	—29	29	Thur.	26	... ...	5 ·81	28
4	Sun.	30	2 ·10	25 ·55	1							30	Fri.	27	1 ·00	6 ·86	—29
5	Mon.	31	3 ·02 4 ·95	26 ·50	2	3	Wed.	30	2 ·00 3 ·98	2 ·09	1	31	Sat.	28	2 ·04	7 ·94	1
						4	Thur.	31	4 ·97	3 ·10	2	—32	Sun.	29	3 ·09	... ...	2
												1	Mon.	30	4 ·15	8 ·05	3
												2	Tues.	31	5 ·23	9 ·15	4
	Feb.						**April.**						**June.**				
6	Tues.	1	5 ·89	27 ·46	3	5	Fri.	1	5 ·99	4 ·14	3	3	Wed.	1	6 ·32	10 ·26	5
7	Wed.	2	6 ·85	1 ·45	4	6	Sat.	2	... ...	5 ·19	4	4	Thur.	2	7 ·40	11 ·36	6
8	Thur.	3	7 ·83	2 ·45	5	7	Sun.	3	6 ·03	6 ·25	5	5	Fri.	3	8 ·47	12 ·45	7
9	Fri.	4	8 ·82	3 ·47	6	8	Mon.	4	7 ·09	7 ·34	6	6	Sat.	4	9 ·53	13 ·54	8
10	Sat.	5	9 ·84	4 ·50	7	9	Tues.	5	8 ·16	8 ·44	7	7	Sun.	5	10 ·57	14 ·60	9
11	Sun.	6	10 ·88	5 ·56	8	10	Wed.	6	9 ·24	9 ·54	8	8	Mon.	6	11 ·58	15 ·64	10
12	Mon.	7	11 ·94	6 ·65	9	11	Thur.	7	10 ·32	10 ·66	9	9	Tues.	7	12 ·57	16 ·66	11
13	Tues.	8	... ...	7 ·74	10	12	Fri.	8	11 ·40	11 ·76	10	10	Wed.	8	13 ·55	17 ·66	12
14	Wed.	9	12 ·01	8 ·84	11	13	Sat.	9	12 ·47	12 ·85	11	11	Thur.	9	14 ·50	18 ·65	13
15	Thur.	10	13 ·09	9 ·95	12	14	Sun.	10	13 ·53	13 ·92	12	12	Fri.	10	P ·44	19 ·62	14
16	Fri.	11	14 ·18	... ...	13	15	Mon.	11	14 ·57	14 ·97	13	13	Sat.	11	1 ·37	20 ·57	15
17	Sat.	12	P ·26	10 ·05	14	16	Tues.	12	P ·59	... ...	14	14	Sun.	12	2 ·27	21 ·51	16
18	Sun.	13	1 ·34	11 ·16	15	17	Wed.	13	1 ·59	15 ·01	15	15	Mon.	13	3 ·17	22 ·44	17
19	Mon.	14	2 ·40	12 ·24	16	18	Thur.	14	2 ·56	16 ·02	16	16	Tues.	14	4 ·07 5 ·97	23 ·38	18
20	Tues.	15	3 ·44	13 ·30	17												
21	Wed.	16	4 ·47	14 ·34	18	19	Fri.	15	3 ·51	17 ·01 18 ·98	17	17	Wed.	15	6 ·87	24 ·31	19
22	Thur.	17	5 ·46	15 ·36	19							18	Thur.	16	7 ·77	25 ·24	20
23	Fri.	18	6 ·44	16 ·36	20	20	Sat.	16	4 ·45	19 ·94	18	19	Fri.	17	8 ·68	26 ·18	21
24	Sat.	19	7 ·40	17 ·35	21	21	Sun.	17	5 ·38	20 ·90	19	20	Sat.	18	9 ·60	27 ·13	22
25	Sun.	20	8 ·35	18 ·32	22	22	Mon.	18	6 ·30	21 ·83	20	21	Sun.	19	10 ·54	1 ·09	23
26	Mon.	21	9 ·28	19 ·27	23	23	Tues.	19	7 ·20	22 ·76	21	22	Mon.	20	11 ·49	2 ·07	24
27	Tues.	22	10 ·19	20 ·21	24	24	Wed.	20	8 ·09 9 ·99	23 ·69	22	23	Tues.	21	12 ·46	3 ·07	25
28	Wed.	23	11 ·10	21 ·15	25							24	Wed.	22	13 ·46	4 ·08	26
29	Thur.	24	12 ·00 13 ·90	22 ·09	26	25	Thur.	21	10 ·89	24 ·62	23	25	Thur.	23	14 ·47	5 ·12	27
						26	Fri.	22	11 ·80	25 ·57	24	26	Fri.	24	—A ·51	6 ·17	28
—30	Fri.	25	14 ·80	23 ·02 24 ·95	27	27	Sat.	23	12 ·71	26 ·51	25	27	Sat.	25	1 ·57	7 ·26	29
1	Sat.	26	—A ·71	25 ·89	28	28	Sun.	24	13 ·63	27 ·46	26	28	Sun.	26	3 ·64	8 ·35	—30
2	Sun.	27	1 ·62	26 ·83	29	29	Mon.	25	14 ·57	1 ·43	27	29	Mon.	27	3 ·72	9 ·45	1
3	Mon.	28	2 ·54	27 ·80	—30	30	Tues.	26	—A ·53	2 ·42	28	30	Tues.	28	4 ·80	10 ·55	2
						—31	Wed.	27	1 ·50	3 ·43	29	—31	Wed.	29	5 ·88	11 ·66	3
						1	Thur.	28	2 ·50	4 ·45	—30	1	Thur.	30	6 ·95	12 ·77	4
						2	Fri.	29	3 ·51	5 ·49	1						
						3	Sat.	30	4 ·54	6 ·56	2						

Rakṭāksha. **Makara—Tai.** *Rakṭāksha.* **Kumbha—Māśi.** *Rakṭāksha.* **Mīna—Pāṅguni.** *Krodhana.* **Mēsha—Chittirai.** *Krodhana.* **Vṛishabha—Vaigāśi.** *Krodhana.* **Mithuna—Āni.**

Śukla. *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Māgha. **Phālguna.** **Chaitra.** **Vaiśākha.** **Jyeshtha.**

H. 1034 *Rabi-ul ākhir.* *H.* 1034 *Jamādā'l awwal.* *H.* 1034 *Jamādā'l ākhir.* *H.* 1034 *Rajab.* *H.* 1034 *Shabān.* *H.* 1034 *Ramazān.*

Naksh: 1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. H. Hast. 14. Chit. 15. Swā. 16. Vish. 17. Anu. 18. Jyes. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1625. **Kollam 801,** { **N. Malabar—Sep.** **Hijra 1035.** **Vikrama 1682.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 23.** **Bengal San. 1031.**
P—Paurnimā. **(N. Cycle) Bhāva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
2	Fri.	1		13 ·85	5	1	Thur.	1	10 ·87	20 ·57	8	2	Tues.	1	12 ·47	27 ·81	10
3	Sat.	2	*Sukla.*			2	Fri.	2	11 ·78	21 ·53	9	3	Wed.	2	13 ·39	1 ·76	11
4	Sun.	3	7 ·01	14 ·91	6	3	Sat.	3	12 ·68	22 ·46	10	4	Thur.	3	14 ·32	2 ·72	12
5	Mon.	4	8 ·04	15 ·96	7	4	Sun.	4	13 ·58	23 ·40	11	5	Fri.	4	**P** ·26	3 ·70	13
6	Tues.	5	9 ·06	16 ·98	8	5	Mon.	5	14 ·48	24 ·33	12	6	Sat.	5	1 ·21	4 ·69	14
7	Wed.	6	10 ·05	.. ..	9	6	Tues.	6	**P** ·38	25 ·26	13	7	Sun.	6	2 ·19	5 ·70	15
			{ 11 ·03	17 ·00 }	10	7	Wed.	7	1 ·29	26 ·20	14	8	Mon.	7	3 ·20	6 ·73	16
			{ 12 ·98	18 ·98 }		8	Thur.	8	2 ·20	27 ·14	15	9	Tues.	8	4 ·22	7 ·78	17
8	Thur.	7	13 ·92	19 ·95	11	9	Fri.	9	3 ·12	1 ·09	16	10	Wed.	9	5 ·26	8 ·86	18
9	Fri.	8	14 ·85	20 ·90	12	10	Sat.	10	4 ·06	2 ·06	17	11	Thur.	10	6 ·32	9 ·95	19
10	Sat.	9	**P** ·76	21 ·84	13	11	Sun.	11	5 ·02	3 ·04	18	12	Fri.	11	7 ·40	... ..	20
11	Sun.	10	1 ·66	22 ·78	14				*Bhādrapada.*			13	Sat.	12	8 ·48	10 ·05	21
12	Mon.	11	2 ·56	23 ·72	15	12	Mon.	12	{ 6 ·00	4 ·05	19	14	Sun.	13	9 ·56	11 ·16	22
13	Tues.	12	3 ·46	24 ·65	16				{ 7 ·99			15	Mon.	14	10 ·65	12 ·27	23
14	Wed.	13	4 ·35	25 ·58	17	13	Tues.	13	... ...	5 ·07	20	16	Tues.	15	11 ·73	13 ·37	24
15	Thur.	14	5 ·25	26 ·52	18	14	Wed.	14	8 ·01	6 ·11	21	17	Wed.	16	12 ·79	14 ·46	25
16	Fri.	15	6 ·16	27 ·46	19	15	Thur.	15	9 ·05	7 ·17	22	18	Thur.	17	13 ·83	15 ·53	26
17	Sat.	16	7 ·08	1 ·43	20	16	Fri.	16	10 ·11	8 ·25	23	19	Fri.	18	14 ·85	16 ·57	27
			{ 8 ·02			17	Sat.	17	11 ·18	9 ·34	24	20	Sat.	19	—**A** ·85	17 ·60	28
18	Sun.	17	{ 9 ·98	2 ·40	22	18	Sun.	18	12 ·26	10 ·45	25	21	Sun.	20	1 ·83	18 ·62	29
19	Mon.	18	10 ·95	3 ·39		19	Mon.	19	13 ·35	11 ·56	26	22	Mon.	21	2 ·79	19 ·61	1
20	Tues.	19	11 ·94	4 ·40	23	20	Tues.	20	14 ·44	12 ·67	27	23	Tues.	22	3 ·73	20 ·58	2
21	Wed.	20	12 ·96	5 ·43	24	21	Wed.	21	—**A** ·51	13 ·76	28	24	Wed.	23	4 ·66	21 ·53	3
22	Thur.	21	... ...	6 ·49	25	22	Thur.	22	1 ·57	14 ·84	—29	25	Thur.	24	5 ·58	22 ·48	4
23	Fri.	22	13 ·00	7 ·56	26	23	Fri.	23	2 ·61	15 ·91	1	26	Fri.	25	6 ·49	23 ·42	5
24	Sat.	23	14 ·05	8 ·65	27	24	Sat.	24	3 ·63	16 ·94	2	27	Sat.	26	7 ·39	24 ·35	6
25	Sun.	24	—**A** ·12	9 ·75	28	25	Sun.	25	4 ·63	17 ·96	3	28	Sun.	27	8 ·29	25 ·28	7
26	Mon.	25	1 ·20	10 ·85	—29	26	Mon.	26	5 ·61	18 ·96	4	29	Mon.	28	9 ·19	26 ·21	8
27	Tues.	26	2 ·29	11 ·97	1	27	Tues.	27	6 ·57	19 ·94	5	—30	Tues.	29	10 ·10	27 ·15	9
28	Wed.	27	3 ·37	... ...	2	28	Wed.	28	7 ·50	20 ·91	6				{ 11 ·02		
29	Thur.	28	4 ·44	12 ·07	3	29	Thur.	29	8 ·42	21 ·86	7	1	Wed.	30	{ 12 ·95	1 ·09	10
30	Fri.	29	5 ·50	13 ·15	4	—30	Fri.	30	9 ·34	22 ·80	8						
31	Sat.	30	6 ·54	14 ·22	5												
—32	Sun.	31	7 ·55	15 ·27	6												
	Aug.						**Oct.**						**Dec.**				
1	Mon.	1	8 ·54	16 ·30	7	1	Sat.	1	10 ·25	23 ·74	9	2	Thur.	1	13 ·90	2 ·06	11
2	Tues.	2	9 ·52	17 ·32	8	2	Sun.	2	11 ·15	24 ·66	10	3	Fri.	2	14 ·86	3 ·03	12
3	Wed.	3	10 ·47	18 ·31	9				{ 12 ·05			4	Sat.	3	**P** ·84	4 ·01	13
4	Thur.	4	11 ·41	19 ·28	10	3	Mon.	3	{ 13 ·95	25 ·60	11	5	Sun.	4	1 ·83	5 ·02	14
5	Fri.	5	12 ·34	20 ·24	11	4	Tues.	4	14 ·85	26 ·54	12	6	Mon.	5	2 ·85	6 ·05	15
6	Sat.	6	13 ·26	21 ·18	12	5	Wed.	5	**P** ·77	27 ·48	13	7	Tues.	6	3 ·90	7 ·10	16
7	Sun.	7	14 ·16	22 ·13	13	6	Thur.	6	1 ·70	1 ·42	14	8	Wed.	7	4 ·96	8 ·17	17
			{ **P** ·05	23 ·06 }		7	Fri.	7	2 ·64	2 ·39	15	9	Thur.	8	... .	9 ·25	18
8	Mon.	8	{ 1 ·95	24 ·99 }	14	8	Sat.	8	3 ·60	3 ·37	16	10	Fri.	9	5 ·04	10 ·35	19
9	Tues.	9	2 ·85	25 ·92	15	9	Sun.	9	4 ·58	4 ·37	17	11	Sat.	10	6 ·12	11 ·46	20
10	Wed.	10	3 ·76	26 ·85	16	10	Mon.	10	5 ·58	5 ·38	18	12	Sun.	11	7 ·21	12 ·57	21
11	Thur.	11	4 ·68	27 ·80	17	11	Tues.	11	6 ·60	6 ·42	19	13	Mon.	12	8 ·30	13 ·67	22
12	Fri.	12	5 ·60	1 ·76	18	12	Wed.	12	7 ·64	7 ·48	20	14	Tues.	13	9 ·38	14 ·76	23
13	Sat.	13	6 ·53	2 ·73	19	13	Thur.	13	8 ·70	8 ·55	21	15	Wed.	14	10 ·44	15 ·83	24
14	Sun.	14	7 ·48	3 ·71	20	14	Fri.	14	9 ·77	9 ·65	22	16	Thur.	15	11 ·48	16 ·89	25
15	Mon.	15	8 ·46	4 ·72	21	15	Sat.	15	10 ·85	10 ·76	23	17	Fri.	16	12 ·50	17 ·93	26
16	Tues.	16	9 ·45	5 ·75	22	16	Sun.	16	11 ·94	11 ·86	24	18	Sat.	17	13 ·49	18 ·94	27
17	Wed.	17	10 ·47	6 ·80	23	17	Mon.	17	... .	12 ·97	25	19	Sun.	18	14 ·47	19 ·93	28
18	Thur.	18	11 ·51	7 ·86	24	18	Tues.	18	12 ·03	... ...	26	20	Mon.	19	—**A** ·44	20 ·91	29
19	Fri.	19	12 ·57	8 ·95	25	19	Wed.	19	13 ·11	13 ·06	27	21	Tues.	20	1 ·38	21 ·86	—30
20	Sat.	20	13 ·64	... ...	26	20	Thur.	20	14 ·17	14 ·15	28	22	Wed.	21	2 ·30	22 ·81	1
21	Sun.	21	14 ·72	9 ·05	27	21	Fri.	21	—**A** ·21	15 ·22	29	23	Thur.	22	3 ·22	23 ·75	2
22	Mon.	22	—**A** ·80	10 ·16	28	22	Sat.	22	1 ·22	16 ·26	—30	24	Fri.	23	4 ·13	24 ·69	3
23	Tues.	23	1 ·88	11 ·27	29	23	Sun.	23	2 ·22	17 ·28	1				{ 5 ·04		
24	Wed.	24	2 ·95	12 ·37	—30	24	Mon.	24	3 ·20	18 ·28	2	25	Sat.	24	{ 6 ·94	25 ·62	4
25	Thur.	25	... ..	13 ·46	1	25	Tues.	25	4 ·16	19 ·28	3	26	Sun.	25	7 ·84	26 ·55	5
26	Fri.	26	3 ·01	14 ·53	2	26	Wed.	26	5 ·10	20 ·24	4	27	Mon.	26	8 ·75	27 ·49	6
27	Sat.	27	4 ·06	15 ·58	3				{ 6 ·03			28	Tues.	27	9 ·67	1 ·44	7
28	Sun.	28	5 ·07	16 ·63	4	27	Thur.	27	{ 7 ·95	21 ·20	5	—29	Wed.	28	10 ·60	2 ·39	8
29	Mon.	29	6 ·07	17 ·64	5	28	Fri.	28	8 ·86	22 ·14	6	1	Thur.	29	11 ·54	3 ·35	9
30	Tues.	30	7 ·05	18 ·63	6	29	Sat.	29	9 ·76	23 ·07	7	2	Fri.	30	12 ·50	4 ·34	10
			{ 8 ·00						*Kārt.* 10 ·66	{ 24 ·01							
—31	Wed.	31	{ 9 ·94	19 ·61	7	—30	Sun.	30		{ 25 ·94	8	3	Sat.	31	13 ·49	5 ·34	11
						1	Mon.	31	11 ·56	26 ·87	9						

Krodhana. **Karkataka—Ādi.** *Bahula.* *Ashādha.* *Śrāvana.* *Sukla.* *H.* 1034 *Shawwāl.*

Krodhana. **Kanyā—Purattāsi.** *Bahula.* *Bhādrapada.* *Āśvina.* *Sukla.* *H.* 1034 *Zi-l-ka'da.*

Krodhana. **Tulā—Aippasi.** *Bahula.* *Kārt.* *Mārgaśirsha.* *Sukla.* *H.* 1035 *Zi-l-hijja.*

Krodhana. **Vṛśchika—Kārttigai.** *Bahula.* *Pausha.* *Sukla.* *H.* 1035 *Muharram.*

Krodhana. **Simha—Āvaṇi.** *Bahula.* *Bhādrapada.* *Āśvina.* *Kārttika.* *Sukla.* *H.* 1034 *Zi-l-ka'da.*

Krodhana. **Kanyā—Aippasi.** *Bahula.* *Kārt.* *Mārgaśirsha.* *Sukla.* *H.* 1035 *Śafar.*

Krodhana. **Dhanus—Mārgaḷi.** *Bahula.* *Pausha.* *Sukla.* *H.* 1035 *Rabi-ul awwal.*

Krodhana. **Tulā—Aippasi.** *Bahula.* *Kārt.* *Mārgaśirsha.* *Sukla.* *H.* 1035 *Śafar.*

Krodhana. **Dhanus—Mārgaḷi.** *Bahula.* *Pausha.* *Sukla.* *H.* 1035 *Rabi-ul ākair.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1626. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·72.** **Śaka 1548.** **Kaliyuga 4727.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·64.** **(S. Cycle) Kshaya.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Krodhana. **Makara—Tai.** 4	Sun. 1	14 ·48	6 ·37	12
5	Mon. 2	P ·50	7 ·41	13
6	Tues. 3	1 ·54	8 ·47	14
7	Wed. 4	2 ·60	9 ·56	15
8	Thur. 5	3 ·68	10 ·66	16
9	Fri. 6	4 ·76	11 ·77	17
10	Sat. 7	5 ·85	12 ·87	18
11	Sun. 8	6 ·94	13 ·97	19
12	Mon. 9	... ...	... ...	20
13	Tues. 10	7 ·02	14 ·07	21
14	Wed. 11	8 ·08	15 ·14	22
15	Thur. 12	9 ·12	16 ·21	23
16	Fri. 13	10 ·14	17 ·25	24
17	Sat. 14	11 ·13	18 ·26	25
18	Sun. 15	12 ·11	19 ·26	26
19	Mon. 16	13 ·08	20 ·24	27
20	Tues. 17	14 ·02 A ·94	21 ·20	28
21	Wed. 18	1 ·86	22 ·16	—29
22	Thur. 19	2 ·77	23 ·10	1
23	Fri. 20	3 ·67	24 ·03 25 ·96	2
24	Sat. 21	4 ·57	26 ·89	3
25	Sun. 22	5 ·47	27 ·83	4
26	Mon. 23	6 ·38	1 ·77	5
27	Tues. 24	7 ·30	2 ·72	6
28	Wed. 25	8 ·23	3 ·68	7
—29	Thur. 26	9 ·17	4 ·66	8
1	Fri. 27	10 ·13	5 ·67	9
2	Sat. 28	11 ·12	6 ·63	10
3	Sun. 29	12 ·12	7 ·72	11
4	Mon. 30	13 ·14	8 ·78	12
5	Tues. 31	14 ·18	9 ·86	13
	Feb.			
Krodhana. **Kumbha—Māśi.** 6	Wed. 1	P ·24	10 ·96	*H.* 1035 *Jamāda'l awwal.* 14
7	Thur. 2	1 ·31	... ...	15
8	Fri. 3	2 ·39	11 ·06	16
9	Sat. 4	3 ·48	12 ·17	17
10	Sun. 5	4 ·56	13 ·27	18
11	Mon. 6	5 ·64	14 ·37	19
12	Tues. 7	6 ·70	15 ·45	20
13	Wed. 8	7 ·74	16 ·52	21
14	Thur. 9	8 ·76	17 ·56	22
15	Fri. 10	9 ·76	18 ·58	23
16	Sat. 11	10 ·74	19 ·58	24
17	Sun. 12	11 ·70	20 ·56	25
18	Mon. 13	12 ·64	21 ·54	26
19	Tues. 14	13 ·56	22 ·49	27
20	Wed. 15	14 ·48	23 ·43	28
21	Thur. ● 16	—A ·38	24 ·37	29
22	Fri. 17	1 ·28	25 ·30	—30
23	Sat. 18	2 ·18	26 ·24	1
24	Sun. 19	3 ·08 4 ·99	27 ·17	2
25	Mon. 20	5 ·91	1 ·11	3
26	Tues. 21	6 ·84	2 ·05	4
27	Wed. 22	7 ·78	3 ·01	5
28	Thur. 23	8 ·74	4 ·00 5 ·99	6
29	Fri. 24	9 ·72	.. ..	7
—30	Sat. 25	10 ·72	6 ·00	8
1	Sun. 26	11 ·74	7 ·03	9
2	Mon. 27	12 ·78	8 ·09	10
3	Tues. 28	13 ·84	9 ·16	11
	March.			
Krodhana. **Mīna—Pāguni.** 4	Wed. 1	14 ·91	10 ·26	12
5	Thur. 2	P ·99	11 ·36	13
6	Fri. 3	... ...	12 ·47	14
7	Sat. 4	1 ·09	13 ·57	15
8	Sun. 5	2 ·17	14 ·67	16
9	Mon. 6	3 ·24	15 ·76	17
10	Tues. 7	4 ·30	16 ·83	18
11	Wed. 8	5 ·34	17 ·88	19
12	Thur. 9	6 ·35	18 ·90	20
13	Fri. 10	7 ·35	19 ·91	21
14	Sat. 11	8 ·33	20 ·90	22
15	Sun. 12	9 ·29	21 ·87	23
16	Mon. 13	10 ·23	22 ·83	24
17	Tues. 14	11 ·15	23 ·77	25
18	Wed. 15	12 ·06 13 ·96	24 ·71	26
19	Thur. 16	14 ·86	25 ·65	27
20	Fri. 17	—A ·76	26 ·57	28
21	Sat. 18	1 ·66	27 ·51	—29
22	Sun. 19	2 ·57	1 ·44	1
23	Mon. 20	3 ·49	2 ·39	2
24	Tues. 21	4 ·41	3 ·35	3
25	Wed. 22	5 ·35	4 ·32	4
26	Thur. 23	6 ·31	5 ·31	5
27	Fri. 24	7 ·29	6 ·32	6
28	Sat. 25	8 ·29	7 ·35	7
29	Sun. 26	9 ·30	8 ·40	8
30	Mon. 27	10 ·34	9 ·47	9
—31	Tues. 28	11 ·40	10 ·56	10
1	Wed. 29	12 ·47	11 ·66	11
2	Thur. 30	13 ·55	12 ·77	12
3	Fri. 31	14 ·64	13 ·87	13
	April.			
Kshaya. **Mēsha—Chittirai.** 4	Sat. 1	P ·72	14 ·98	*H.* 1035 *Rajab.* 14
5	Sun. 2	1 ·79	... ...	15
6	Mon. 3	2 ·85	15 ·07	16
7	Tues. 4	3 ·89	16 ·14	17
8	Wed. 5	4 ·91	17 ·19	18
9	Thur. 6	5 ·89	18 ·22	19
10	Fri. 7	6 ·86	19 ·24	20
11	Sat. 8	7 ·82	20 ·23	21
12	Sun. 9	8 ·76	21 ·20	22
13	Mon. 10	9 ·69	22 ·16	23
14	Tues. 11	10 ·60	23 ·11	24
15	Wed. 12	11 ·51	24 ·05 25 ·98	25
16	Thur. 13	12 ·41	26 ·91	26
17	Fri. 14	13 ·31	27 ·84	27
18	Sat. 15	14 ·20	1 ·78	28
19	Sun. 16	—A ·10	2 ·72	29
20	Mon. 17	1 ·02 2 ·95	3 ·68	—30
21	Tues. 18	3 ·89	4 ·65	1
22	Wed. 19	4 ·84	5 ·63	2
23	Thur. 20	5 ·82	6 ·64	3
24	Fri. 21	6 ·81	7 ·67	4
25	Sat. 22	7 ·83	8 ·72	5
26	Sun. 23	8 ·87	9 ·78	6
27	Mon. 24	9 ·93	10 ·86	7
28	Tues. 25	.. ...	11 ·96	8
29	Wed. 26	10 ·01	.. ...	9
30	Thur. 27	11 ·09	12 ·06	10
—31	Fri. 28	12 ·17	13 ·18	11
1	Sat. 29	13 ·24	14 ·28	12
2	Sun. 30	14 ·31	15 ·37	13
	May.			
Kshaya. **Vrishabha—Vaigāśi.** 3	Mon. 1	P ·36	16 ·45	14
4	Tues. 2	1 ·40	17 ·50	15
5	Wed. 3	2 ·42	18 ·55	16
6	Thur. 4	3 ·41	19 ·56	17
7	Fri. 5	4 ·39	20 ·56	18
8	Sat. 6	5 ·34	21 ·53	19
9	Sun. 7	6 ·28	22 ·49	20
10	Mon. 8	7 ·20	23 ·45	21
11	Tues. 9	8 ·11	24 ·39	22
12	Wed. 10	9 ·01 10 ·91	25 ·32	23
13	Thur. 11	11 ·81	26 ·25	24
14	Fri. 12	12 ·71	27 ·18	25
15	Sat. 13	13 ·61	1 ·12	26
16	Sun. 14	14 ·52	2 ·06	27
17	Mon. 15	—A ·44	3 ·02 4 ·98	28
18	Tues. 16	1 ·38	5 ·96	—29
19	Wed. 17	2 ·34	6 ·97	1
20	Thur. 18	3 ·32	7 ·99	2
21	Fri. 19	4 ·31	.. ...	3
22	Sat. 20	5 ·33	8 ·03	4
23	Sun. 21	6 ·36	9 ·09	5
24	Mon. 22	7 ·42	10 ·16	6
25	Tues. 23	8 ·50	11 ·26	7
26	Wed. 24	9 ·58	12 ·37	8
27	Thur. 25	10 ·66	13 ·48	9
28	Fri. 26	11 ·74	14 ·58	10
29	Sat. 27	12 ·81	15 ·67	11
30	Sun. 28	13 ·86	16 ·75	12
—31	Mon. 29	14 ·90	17 ·82	13
1	Tues. 30	P ·91	18 ·86	14
2	Wed. 31	1 ·89	19 ·88	15
	June.			
Kshaya. **Mithuna—Āni.** 3	Thur. 1	2 ·87	20 ·88	*H.* 1035 *Ramazān.* 16
4	Fri. 2	3 ·83	21 ·86	17
5	Sat. 3	4 ·77	22 ·84	18
6	Sun. 4	5 ·69	23 ·79	19
7	Mon. 5	6 ·60	24 ·73	20
8	Tues. 6	7 ·50	25 ·66	21
9	Wed. 7	8 ·39	26 ·59	22
10	Thur. 8	9 ·29	27 ·53	23
11	Fri. 9	10 ·19	1 ·46	24
12	Sat. 10	11 ·09	2 ·40	25
13	Sun. 11	12 ·00 13 ·93	3 ·35	26
14	Mon. 12	14 ·86	4 ·31	27
15	Tues. 13	—A ·81	5 ·28	28
16	Wed. 14	1 ·80	6 ·29	29
17	Thur. 15	2 ·79	7 ·30	—30
18	Fri. 16	3 ·81	8 ·34	1
19	Sat. 17	4 ·85	9 ·39	2
20	Sun. 18	5 ·91	10 ·47	3
21	Mon. 19	6 ·98	11 ·57	4
22	Tues. 20	... ..	12 ·67	5
23	Wed. 21	7 ·06	13 ·77	6
24	Thur. 22	8 ·14	14 ·88	7
25	Fri. 23	9 ·21	15 ·98	8
26	Sat. 24	10 ·28		9
27	Sun. 25	11 ·34	16 ·07	10
28	Mon. 26	12 ·37	17 ·13	11
29	Tues. 27	13 ·38	18 ·18	12
30	Wed. 28	14 ·38	19 ·20	13
31	Thur. 29	P ·35	20 ·21	14
—32	Fri. 30	1 ·30	21 ·20	15

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1626. **Kollam 802,** { **N. Malabar—Sep.** **Hijra 1036.** **Vikrama 1683.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 12.** **Bengal San. 1032.**
P—Paurnimā. **(N. Cycle) Yuva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Kshaya. **Karkataka—Ādi.** 1	Sat.	1	2 ·24	22 ·17	16	1	Fri.	1	*Bahula.* 6 ·51	3 ·36	19	2	Wed.	1	*Bahula.* 8 ·51	... ...	21
2	Sun.	2	3 ·16	23 ·12	17	2	Sat.	2	7 ·43	4 ·31	20	3	Thur.	2	9 ·55	10 ·00	22
3	Mon.	3	4 ·07 / 5 ·97	24 ·06	18	3	Sun.	3	8 ·37	5 ·28	21	4	Fri.	3	10 ·61	11 ·08	23
			Bahula.			4	Mon.	4	9 ·32	6 ·26	22	5	Sat.	4	11 ·69	12 ·17	24
4	Tues.	4	6 ·87	25 ·00 / 26 ·93	19	5	Tues.	5	10 ·30	7 ·26	23	6	Sun.	5	12 ·78	13 ·27	25
5	Wed.	5	7 ·77	27 ·87	20	6	Wed.	6	11 ·30	8 ·29	24	7	Mon.	6	13 ·87	14 ·38	26
6	Thur.	6	8 ·67	1 ·80	21	7	Thur.	7	12 ·32	9 ·33	25	8	Tues.	7	14 ·95	15 ·49	27
7	Fri.	7	9 ·57	2 ·74	22	8	Fri.	8	13 ·36	10 ·39	26	9	Wed.	8	... ...	16 ·58	28
8	Sat.	8	10 ·48	3 ·68	23	9	Sat.	9	14 ·42	11 ·47	27	10	Thur.	9	—**A** ·02	17 ·68	—29
9	Sun.	9	11 ·40	4 ·64	24	10	Sun.	10	—**A** ·50	12 ·56	28	11	Fri.	10	1 ·08	18 ·75	1
10	Mon.	10	12 ·34	5 ·62	25	11	Mon.	11	1 ·58	13 ·68	—29	12	Sat.	11	2 ·12	19 ·79	2
11	Tues.	11	13 ·30	6 ·61	26	12	Tues.	12	2 ·67	14 ·78	1	13	Sun.	12	3 ·14	20 ·83	3
12	Wed.	12	14 ·28	7 ·62	27	13	Wed.	13	3 ·75	15 ·89	2	14	Mon.	13	4 ·14	21 ·83	4
13	Thur.	13	—**A** ·28	8 ·65	28	*Kshaya.* **Kanyā—Puraṭṭāsi.** 14	Thur.	14	*Sukla.* 4 ·82	16 ·98	3	*Kshaya.* **Vrischika—Kārttigai.** 15	Tues.	14	5 ·11	22 ·82	5
14	Fri.	14	1 ·29	9 ·70	—29	15	Fri.	15	5 ·88	... ...	4	16	Wed.	15	6 ·07	23 ·80	6
15	Sat.	15	2 ·32	10 ·78	1	16	Sat.	16	6 ·91	17 ·06	5	17	Thur.	16	7 ·01 / 8 ·94	24 ·75	7
16	Sun.	16	3 ·38	11 ·87	2	17	Sun.	17	7 ·93	18 ·12	6	18	Fri.	17	9 ·86	25 ·70	8
17	Mon.	17	4 ·45	12 ·97	3	18	Mon.	18	8 ·92	19 ·16	7	19	Sat.	18	10 ·76	26 ·63	9
18	Tues.	18	5 ·53	... ...	4	19	Tues.	19	9 ·90	20 ·18	8	20	Sun.	19	11 ·66	27 ·57	10
19	Wed.	19	6 ·62	13 ·07	5	20	Wed.	20	10 ·85	21 ·18	9	21	Mon.	20	12 ·56	1 ·50	11
20	Thur.	20	7 ·70	14 ·18	6	21	Thur.	21	11 ·79	22 ·16	10	22	Tues.	21	13 ·47	2 ·43	12
21	Fri.	21	8 ·76	15 ·29	7	22	Fri.	22	12 ·72	23 ·12	11	23	Wed.	22	14 ·38	3 ·37	13
22	Sat.	22	9 ·82	16 ·37	8	23	Sat.	23	13 ·63	24 ·08	12	24	Thur.	23	**P** ·30	4 ·31	14
23	Sun.	23	10 ·86	17 ·44	9	24	Sun.	24	14 ·54	25 ·02 / 26 ·95	13	25	Fri.	24	1 ·23	5 ·27	15
24	Mon.	24	11 ·87	18 ·49	10	25	Mon.	25	**P** ·45	27 ·88	14	26	Sat.	25	2 ·17	6 ·25	16
25	Tues.	25	12 ·86	19 ·52	11	26	Tues.	26	1 ·35	1 ·81	15	27	Sun.	26	3 ·13	7 ·23	17
26	Wed.	26	13 ·84	20 ·54	12	27	Wed.	27	2 ·25	2 ·76	16	28	Mon.	27	4 ·12	8 ·24	18
27	Thur.	27	14 ·80	21 ·53	13	28	Thur.	28	3 ·15	3 ·69	17	29	Tues.	28	5 ·11	9 ·27	19
28	Fri.	28	**P** ·74	22 ·50	14	29	Fri.	29	4 ·06 / 5 ·99	4 ·64	18	—30	Wed.	29	6 ·14	10 ·31	20
29	Sat.	29	1 ·66	23 ·46	15							1	Thur.	30	7 ·19	11 ·39	21
30	Sun.	30	2 ·57	24 ·40	16	30	Sat.	30	6 ·94	5 ·61	19						
—31	Mon.	31	3 ·47	25 ·34	17												
	Aug.						**Oct.**						**Dec.**				
Kshaya. **Siṁha—Āvaṇi.** 1	Tues.	1	4 ·37	26 ·28	18	—31	Sun.	1	7 ·90	6 ·58	20	2	Fri.	1	8 ·25	12 ·47	22
2	Wed.	2	5 ·27	27 ·21	19	1	Mon.	2	*Bahula.* 8 ·88	7 ·59	21	3	Sat.	2	9 ·33	13 ·57	23
3	Thur.	3	6 ·17	1 ·14	20	2	Tues.	3	9 ·87	8 ·60	22	4	Sun.	3	*Bahula.* 10 ·42	14 ·68	24
4	Fri.	4	7 ·07 / 8 ·98	2 ·07	21	3	Wed.	4	10 ·90	9 ·64	23	5	Mon.	4	11 ·51	15 ·78	25
			Bahula.			4	Thur.	5	11 ·94	10 ·70	24	6	Tues.	5	12 ·59	16 ·89	26
5	Sat.	5	9 ·90	3 ·02 / 4 ·98	22	5	Fri.	6	... ...	11 ·77	25	7	Wed.	6	13 ·66	17 ·98	27
6	Sun.	6	10 ·84	5 ·95	23	6	Sat.	7	12 ·00	12 ·86	26	8	Thur.	7	14 ·72	.. ...	28
7	Mon.	7	11 ·80	6 ·93	24	7	Sun.	8	13 ·08	13 ·97	27	9	Fri.	8	**A** ·76	18 ·05	29
8	Tues.	8	12 ·77	7 ·94	25	8	Mon.	9	14 ·16	... ...	28	10	Sat.	9	1 ·77	19 ·11	—30
9	Wed.	9	13 ·77	8 ·96	26	9	Tues.	10	**A** ·25	14 ·08	29	11	Sun.	10	2 ·78	20 ·14	1
10	Thur.	10	14 ·79	... ...	27	10	Wed.	11	1 ·33	15 ·19	—30	12	Mon.	11	3 ·75	21 ·16	2
11	Fri.	11	—**A** ·83	9 ·02	28	11	Thur.	12	2 ·41	16 ·28	1	13	Tues.	12	4 ·71	22 ·15	3
12	Sat.	12	1 ·89	10 ·08	29	12	Fri.	13	3 ·46	17 ·36	2	14	Wed.	13	5 ·65	23 ·13	4
13	Sun.	13	2 ·96	11 ·17	—30	13	Sat.	14	4 ·49	18 ·44	3	15	Thur.	14	6 ·58	24 ·08	5
14	Mon.	14	... ...	12 ·27	1	14	Sun.	15	5 ·52	19 ·48	4	16	Fri.	15	7 ·50	25 ·03 / 26 ·98	6
15	Tues.	15	3 ·04	13 ·37	2	15	Mon.	16	6 ·51	20 ·50	5						
16	Wed.	16	4 ·13	14 ·49	3	16	Tues.	17	7 ·49	21 ·50	6	17	Sat.	16	8 ·41	27 ·91	7
17	Thur.	17	5 ·21	15 ·59	4	17	Wed.	18	8 ·45	22 ·49	7	18	Sun.	17	9 ·31	1 ·84	8
18	Fri.	18	6 ·28	16 ·68	5	18	Thur.	19	9 ·39	23 ·46	8	19	Mon.	18	10 ·21	2 ·77	9
19	Sat.	19	7 ·34	17 ·75	6	19	Fri.	20	10 ·32	24 ·42	9	20	Tues.	19	11 ·11	3 ·70	10
20	Sun.	20	8 ·37	18 ·80	7	20	Sat.	21	11 ·24	25 ·36	10	21	Wed.	20	12 ·02 / 13 ·94	4 ·64	11
21	Mon.	21	9 ·39	19 ·84	8	21	Sun.	22	12 ·14	26 ·29	11	22	Thur.	21	14 ·87	5 ·61	12
22	Tues.	22	10 ·38	20 ·86	9	22	Mon.	23	13 ·04 / 14 ·94	27 ·22	12	23	Fri.	22	**P** ·82	6 ·57	13
23	Wed.	23	11 ·35	21 ·85	10	23	Tues.	24	**P** ·84	1 ·16	13	24	Sat.	23	1 ·78	7 ·56	14
24	Thur.	24	12 ·30	22 ·83	11	24	Wed.	25	1 ·75	2 ·09	14	25	Sun.	24	2 ·76	8 ·56	15
25	Fri.	25	13 ·24	23 ·79	12	25	Thur.	26	2 ·67	3 ·03 / 4 ·98	15	26	Mon.	25	3 ·77	9 ·58	16
26	Sat.	26	14 ·17	24 ·74	13							27	Tues.	26	4 ·79	10 ·63	17
27	Sun.	27	**P** ·08 / 1 ·99	25 ·68	14	26	Fri.	27	3 ·60	5 ·94	16	28	Wed.	27	5 ·84	11 ·70	18
						27	Sat.	28	4 ·54	6 ·92	17	—29	Thur.	28	6 ·90	12 ·78	19
28	Mon.	28	2 ·88	26 ·62	15	28	Sun.	29	5 ·50	7 ·91	18	1	Fri.	29	*Bahula.* 7 ·97	13 ·87	20
29	Tues.	29	3 ·78	27 ·55	16	—29	Mon.	30	6 ·49	8 ·92	19	2	Sat.	30	... ...	14 ·98	21
30	Wed.	30	4 ·68	1 ·47	17	1	Tues.	31	7 ·48	9 ·95	20	3	Sun.	31	8 ·05	... ...	22
—31	Thur.	31	5 ·59	2 ·41	18												

Kshaya. **Simha—Āvaṇi.** *Sukla.* **Bhādrapada.** *Bahula.* **Āśvina.** *Sukla.* **Kārttika.** *Bahula.* **Tulā—Aippasi.** *Kshaya.* **Dhanus—Mārgali.** *Sukla.* **Mārgasīrsha.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.**

H. 1035 *Shawwal.* *H.* 1035 *Zi-l-ka'da.* *H.* 1035 *Zi-l-hijja.* *H.* 1036 *Muharram.* *H.* 1036 *Safar.* *H.* 1036 *Rabi-ul awwal.* *H.* 1036 *Rabi ul akhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1627. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·98.** **Śaka 1549.** **Kaliyuga 4728.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·90.** **(S. Cycle) Prabhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	●Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
4	Mon. 1	9 ·14	15 ·09	23	3	Thur. 1	9 ·63	19 ·05	23	3	Tues. 1	11 ·51	26 ·66	25
5	Tues. 2	10 ·23	16 ·19	24	4	Fri. 2	10 ·65	20 ·10	24	4	Wed. 2	12 ·42	27 ·61	26
6	Wed. 3	11 ·31	17 ·29	25	5	Sat. 3	11 ·64	21 ·12	25	5	Thur. 3	13 ·32	1 ·54	27
7	Thur. 4	12 ·37	18 ·36	26	6	Sun. 4	12 ·62	22 ·13	26	6	Fri. 4	14 ·22	2 ·47	28
8	Fri. 5	13 ·41	19 ·42	27	7	Mon. 5	13 ·58	23 ·11	27	7	Sat. 5	A ·12	3 ·40	—29
9	Sat. 6	14 ·42	20 ·47	28	8	Tues. 6	14 ·53	24 ·09	28	8	Sun. 6	1 ·02 / 2 ·92	4 ·33	1
10	Sun. 7	—A ·42	21 ·48	—29	9	Wed. 7	—A ·45	25 ·05 / 26 ·99	—29	9	Mon. 7	3 ·83	5 ·27	2
11	Mon. 8	1 ·39	22 ·48	1	10	Thur. 8	1 ·36	27 ·92	1	10	Tues. 8	4 ·76	6 ·23	3
12	Tues. 9	2 ·36	23 ·46	2	11	Fri. 9	2 ·26	1 ·85	2	11	Wed. 9	5 ·70	7 ·20	4
13	Wed. 10	3 ·30	24 ·42	3	12	Sat. 10	3 ·16	2 ·79	3	12	Thur. 10	6 ·66	8 ·18	5
14	Thur. 11	4 ·23	25 ·37	4	13	Sun. 11	4 ·06 / 5 ·96	3 ·72	4	13	Fri. 11	7 ·64	9 ·18	6
15	Fri. 12	5 ·15	26 ·32	5	14	Mon. 12	6 ·87	4 ·66	5	14	Sat. 12	8 ·64	10 ·20	7
16	Sat. 13	6 ·05 / 7 ·95	27 ·25	6	15	Tues. 13	7 ·79	5 ·61	6	15	Sun. 13	9 ·65	11 ·25	8
17	Sun. 14	8 ·85	1 ·18	7	16	Wed. 14	8 ·72	6 ·56	7	16	Mon. 14	10 ·69	12 ·31	9
18	Mon. 15	9 ·75	2 ·11	8	17	Thur. 15	9 ·66	7 ·54	8	17	Tues. 15	11 ·75	13 ·38	10
19	Tues. 16	10 ·67	3 ·04 / 4 ·99	9	18	Fri. 16	10 ·62	8 ·53	9	18	Wed. 16	12 ·82	14 ·48	11
20	Wed. 17	11 ·59	5 ·94	10	19	Sat. 17	11 ·60	9 ·54	10	19	Thur. 17	13 ·90	15 ·58	12
21	Thur. 18	12 ·51	6 ·90	11	20	Sun. 18	12 ·59	10 ·57	11	20	Fri. 18	14 ·99	16 ·70	13
22	Fri. 19	13 ·46	7 ·88	12	21	Mon. 19	13 ·62	11 ·62	12	21	Sat. 19	... ...	17 ·80	14
23	Sat. 20	14 ·42	8 ·88	13	22	Tues. 20	14 ·66	12 ·69	13	22	Sun. 20	P ·07	18 ·89	15
24	Sun. ○ 21	P ·40	9 ·90	14	23	Wed. 21	P ·72	13 ·78	14	23	Mon. 21	1 ·14	19 ·97	16
25	Mon. 22	1 ·40	10 ·94	15	24	Thur. 22	1 ·79	14 ·88	15	24	Tues 22	2 ·19	... ...	17
26	Tues. 23	2 ·42	... ...	16	25	Fri. 23	2 ·87	15 ·99	16	25	Wed. 23	3 ·22	20 ·03	18
27	Wed. 24	3 ·47	11 ·00	17	26	Sat. 24	3 ·96	... ...	17	26	Thur. 24	4 ·23	21 ·08	19
28	Thur. 25	4 ·53	12 ·08	18	27	Sun. 25	... ...	16 ·09	18	27	Fri. 25	5 ·23	22 ·10	20
29	Fri. 26	5 ·61	13 ·17	19	28	Mon. 26	4 ·04	17 ·19	19	28	Sat. 26	6 ·20	23 ·10	21
—30	Sat. 27	6 ·69	14 ·28	20	29	Tues. 27	5 ·11	18 ·29	20	29	Sun. 27	7 ·15	24 ·08	22
1	Sun. 28	7 ·77	15 ·39	21	—30	Wed. 28	6 ·16	19 ·36	21	30	Mon. 28	8 ·08	25 ·05	23
2	Mon. 29	8 ·86	16 ·49	22	1	Thur. 29	7 ·20	20 ·41	22	—31	Tues. 29	9 ·00 / 10 ·91	26 ·01 / 27 ·95	24
3	Tues. 30	9 ·94	17 ·59	23	2	Fri. 30	8 ·21	21 ·44	23	1	Wed. 30	11 ·81	1 ·88	25
4	Wed. 31	... ...	18 ·67	24	3	Sat. 31	9 ·20	22 ·45	24	2	Thur. 31	12 ·71	2 ·81	26
	Feb.					**April.**					**June.**			
5	Thur. 1	10 ·00	19 ·73	25	4	Sun. 1	10 ·18	23 ·45	25	3	Fri. 1	13 ·61	3 ·74	27
6	Fri. 2	11 ·03	20 ·78	26	5	Mon. 2	11 ·14	24 ·42	26	4	Sat. 2	14 ·51	4 ·67	28
7	Sat. 3	12 ·06	21 ·80	27	6	Tues. 3	12 ·08	25 ·38	27	5	Sun. 3	A ·41	5 ·62	29
8	Sun. 4	13 ·05	22 ·80	28	7	Wed. 4	13 ·00 / 14 ·91	26 ·33	28	6	Mon. 4	1 ·32	6 ·57	—30
9	Mon. 5	14 ·03 / A ·98	23 ·78	29	8	Thur. 5	—A ·81	27 ·26	29	7	Tues. 5	2 ·25	7 ·53	1
10	Tues. 6	1 ·92	24 ·75	—30	9	Fri. 6	1 ·71	1 ·20	—30	8	Wed. 6	3 ·19	8 ·50	2
11	Wed. 7	2 ·85	25 ·71	1	10	Sat. 7	2 ·60	2 ·13	1	9	Thur. 7	·14	9 ·50	3
12	Thur. 8	3 ·76	26 ·65	2	11	Sun. 8	3 ·50	3 ·06	2	10	Fri. 8	5 ·12	10 ·52	4
13	Fri. 9	4 ·67	27 ·59	3	12	Mon. 9	4 ·41	4 ·00 / 5 ·94	3	11	Sat. 9	6 ·12	11 ·56	5
14	Sat. 10	5 ·57	1 ·52	4	13	Tues. 10	5 ·33	6 ·90	4	12	Sun. 10	7 ·14	12 ·61	6
15	Sun. 11	6 ·47	2 ·45	5	14	Wed. 11	6 ·26	7 ·87	5	13	Mon. 11	8 ·18	13 ·69	7
16	Mon. 12	7 ·37	3 ·39	6	15	Thur. 12	7 ·20	8 ·86	6	14	Tues. 12	9 ·24	14 ·78	8
17	Tues. 13	8 ·28	4 ·32	7	16	Fri. 13	8 ·16	9 ·86	7	15	Wed. 13	10 ·31	15 ·89	9
18	Wed. 14	9 ·20	5 ·27	8	17	Sat. 14	9 ·14	10 ·88	8	16	Thur. 14	11 ·39	... ...	10
19	Thur. 15	10 ·13	6 ·23	9	18	Sun. 15	10 ·12	11 ·93	9	17	Fri. 15	12 ·47	16 ·00	11
20	Fri. 16	11 ·08	7 ·21	10	19	Mon. 16	11 ·15	... ...	10	18	Sat. 16	13 ·55	17 ·10	12
21	Sat. 17	12 ·04	8 ·21	11	20	Tues. 17	12 ·19	12 ·00	11	19	Sun. 17	14 ·62	18 ·20	13
22	Sun. 18	13 ·02	9 ·22	12	21	Wed. 18	13 ·25	13 ·08	12	20	Mon. 18	P ·67	19 ·28	14
23	Mon. 19	14 ·01	10 ·25	13	22	Thur. 19	14 ·33	14 ·18	13	21	Tues. 19	1 ·70	20 ·35	15
24	Tues. 20	P ·03	11 ·31	14	23	Fri. 20	P ·41	15 ·28	14	22	Wed. 20	2 ·71	21 ·40	16
25	Wed. 21	1 ·08	12 ·38	15	24	Sat. 21	1 ·49	16 ·39	15	23	Thur. 21	3 ·70	22 ·42	17
26	Thur. 22	2 ·14	13 ·18	16	25	Sun. 22	2 ·57	17 ·50	16	24	Fri. 22	4 ·67	23 ·43	18
27	Fri. 23	3 ·22	14 ·58	17	26	Mon. 23	3 ·64	18 ·59	17	25	Sat. 23	5 ·62	24 ·41	19
28	Sat. 24	4 ·30	15 ·69	18	27	Tues. 24	4 ·69	19 ·67	18	26	Sun. 24	6 ·56	25 ·38	20
29	Sun. 25	5 ·40	16 ·79	19	28	Wed. 25	5 ·73	20 ·72	19	27	Mon. 25	7 ·48	26 ·34	21
—30	Mon. 26	6 ·48	17 ·89	20	29	Thur. 26	6 ·74	21 ·76	20	28	Tues. 26	8 ·39	27 ·28	22
1	Tues 27	7 ·55	18 ·97	21	30	Fri. 27	7 ·78	22 ·78	21	29	Wed. 27	9 ·29	1 ·22	23
2	Wed. 28	8 ·60	... ...	22	—31	Sat. 28	8 ·70	23 ·78	22	30	Thur 28	10 ·19	2 ·15	24
					1	Sun. 29	9 ·66	24 ·75	23	31	Fri. 29	11 ·09 / 12 ·98	3 ·08	25
					2	Mon. 30	10 ·59	25 ·71	24	—32	Sat. 30	13 ·88	4 ·02 / 5 ·95	26

Makara—Tai. Kshaya. Kumbha—Māsi. Kshaya. Mīna—Pangūni. Kshaya. Mēsha—Chittirai. Prabhava. Vrishabha—Vaigāsi. Prabhava. Mithuna—Āni. Prabhava.

Bahula. Sukla. Māgha. Bahula. Phalguna. Sukla. Chaitra. Bahula. Vaisākha. Bahula. Jyeshtha. Sukla. Āshādha. Sukla.

H. 1036 Jamāda'l awwal. H. 1036 Jamāda'l ākhir. H. 1036 Rajab. H. 1036 Sha'bān. H. 1036 Ramazān. H. 1036 Shawwāl.

Nakah:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1627. **Kollam 803,** Commences {**N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1037.** Commences **Sep. 2** **Vikrama 1684.** **Bengal San. 1033.** **(N. Cycle) Dhātri.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Prabhava. **Karkataka—Ādi.**	**July.**			
1	Sun. 1	14 ·80	6 ·90	27
2	Mon. 2	—**A** ·73	7 ·86	28
3	Tues. 3	1 ·67	8 ·83	—29
4	Wed. 4	2 ·62	9 ·83	1
5	Thur. 5	3 ·60	10 ·84	2
6	Fri. 6	4 ·59	11 ·87	3
7	Sat. 7	5 ·61	12 ·92	4
8	Sun. 8	6 ·65	13 ·99	5
9	Mon. 9	7 ·71	... ...	6
10	Tues. 10	8 ·79	14 ·09	7
11	Wed. 11	9 ·87	15 ·19	8
12	Thur. 12	10 ·95	16 ·29	9
13	Fri. 13	... ...	17 ·40	10
14	Sat. 14	11 ·03	18 ·50	11
15	Sun. 15	12 ·09	19 ·59	12
16	Mon. 16	13 ·14	20 ·66	13
17	Tues. 17	14 ·17	21 ·71	14
18	Wed. ○ 18	**P** ·19	22 ·74	15
19	Thur. 19	1 ·18	23 ·75	16
20	Fri. 20	2 ·16	24 ·74	17
21	Sat. 21	3 ·11	25 ·72	18
22	Sun. 22	4 ·04 5 ·96	26 ·68	19
23	Mon. 23	6 ·87	27 ·62	20
24	Tues. 24	7 ·77	1 ·56	21
25	Wed. 25	8 ·67	2 ·49	22
26	Thur. 26	9 ·57	3 ·43	23
27	Fri. 27	10 ·47	4 ·36	24
28	Sat. 28	11 ·38	5 ·29	25
29	Sun. 29	12 ·29	6 ·23	26
30	Mon. 30	13 ·21	7 ·19	27
—31	Tues. 31	14 ·16	8 ·17	28
		Śukla. **Adhika Śrāvaṇa.** *Bahula.*		*H.* 1036 *Zi-l-ka'da.*
Prabhava. **Simha—Āvaṇi.**	**Aug.**			
1	Wed. ● 1	—**A** ·12	9 ·15	29
2	Thur. 2	1 ·10	10 ·16	—30
3	Fri. 3	2 ·09	11 ·18	1
4	Sat. 4	3 ·11	12 ·23	2
5	Sun. 5	4 ·15	13 ·31	3
6	Mon. 6	5 ·21	14 ·39	4
7	Tues. 7	6 ·29	15 ·49	5
8	Wed. 8	7 ·37	16 ·59	6
9	Thur. 9	8 ·45	17 ·70	7
10	Fri. 10	9 ·53	18 ·80	8
11	Sat. 11	10 ·60	19 ·90	9
12	Sun. 12	11 ·65	20 ·97	10
13	Mon. 13	12 ·69	... ...	11
14	Tues. 14	13 ·70	21 ·03	12
15	Wed. 15	14 ·68	22 ·06	13
16	Thur. 16	**P** ·65	23 ·07	14
17	Fri. 17	1 ·61	24 ·07	15
18	Sat. 18	2 ·55	25 ·05	16
19	Sun. 19	3 ·48	26 ·01 27 ·96	17
20	Mon. 20	4 ·39	1 ·89	18
21	Tues. 21	5 ·29	2 ·84	19
22	Wed. 22	6 ·19	3 ·77	20
23	Thur. 23	7 ·08 8 ·98	4 ·69	21
24	Fri. 24	9 ·89	5 ·63	22
25	Sat. 25	10 ·81	6 ·57	23
26	Sun. 26	11 ·74	7 ·53	24
27	Mon. 27	12 ·68	8 ·50	25
28	Tues. 28	13 ·64	9 ·48	26
29	Wed. 29	14 ·62	10 ·48	27
30	Thur. 30	—**A** ·61	11 ·50	28
—31	Fri. 31	1 ·64	12 ·54	29
		Śukla. **Nija Śrāvaṇa.** *Bahula.*		*E.* 1036 *Zi-l-hijja.*
Prabhava. **Kanyā—Puraṭṭāsi.**	**Sep.**			
1	Sat. 1	2 ·68	13 ·61	—30
2	Sun. 2	3 ·74	14 ·69	1
3	Mon. 3	4 ·81	15 ·78	2
4	Tues. 4	5 ·90	16 ·89	3
5	Wed. 5	6 ·98	... ...	4
6	Thur. 6	7 ·06	18 ·11	5
7	Fri. 7	8 ·13	19 ·20	6
8	Sat. 8	9 ·18	20 ·28	7
9	Sun. 9	10 ·22	21 ·34	8
10	Mon. 10	11 ·23	22 ·37	9
11	Tues. 11	12 ·23	23 ·40	10
12	Wed. 12	13 ·20	24 ·40	11
13	Thur. 13	14 ·15	25 ·38	12
14	Fri. 14	**P** ·09	26 ·34	13
15	Sat. 15	1 ·01 2 ·93	27 ·29	14
16	Sun. 16	3 ·84	1 ·24	15
17	Mon. 17	4 ·74	2 ·17	16
18	Tues. 18	5 ·64	3 ·10	17
19	Wed. 19	6 ·54	4 ·03 5 ·97	18
20	Thur. 20	7 ·44	6 ·91	19
21	Fri. 21	8 ·35	7 ·86	20
22	Sat. 22	9 ·28	8 ·83	21
23	Sun. 23	10 ·23	9 ·80	22
24	Mon. 24	11 ·20	10 ·80	23
25	Tues. 25	12 ·18	11 ·81	24
26	Wed. 26	13 ·18	12 ·86	25
27	Thur. 27	14 ·20	13 ·92	26
28	Fri. 28	—**A** ·24	14 ·99	27
29	Sat. 29	1 ·30	... ...	28
30	Sun. 30			29
		Bahula. *Śukla.*		*H.* 1037 *Muharram.*
Prabhava. **Tulā—Aippaśi.**	**Oct.**			
—31	Mon. 1	2 ·38	15 ·08	—30
1	Tues. 2	3 ·47	16 ·19	1
2	Wed. 3	4 ·55	17 ·30	2
3	Thur. 4	5 ·63	18 ·41	3
4	Fri. 5	6 ·70	19 ·50	4
5	Sat. 6	7 ·75	20 ·58	5
6	Sun. 7	8 ·79	21 ·65	6
7	Mon. 8	9 ·81	22 ·70	7
8	Tues. 9	10 ·81	23 ·72	8
9	Wed. 10	11 ·78	24 ·72	9
10	Thur. 11	12 ·73	25 ·71	10
11	Fri. 12	13 ·67	26 ·67	11
12	Sat. 13	14 ·60	27 ·64	12
13	Sun. 14	**P** ·51	1 ·58	13
14	Mon. 15	1 ·42	2 ·51	14
15	Tues. 16	2 ·32	3 ·44	15
16	Wed. 17	3 ·22	4 ·37	16
17	Thur. 18	4 ·12	5 ·30	17
18	Fri. 19	5 ·03 6 ·95	6 ·25	18
19	Sat. 20	7 ·88	7 ·20	19
20	Sun. 21	8 ·82	8 ·15	20
21	Mon. 22	9 ·79	9 ·13	21
22	Tues. 23	10 ·77	10 ·12	22
23	Wed. 24	11 ·77	11 ·14	23
24	Thur. 25	12 ·80	12 ·17	24
25	Fri. 26	13 ·85	13 ·22	25
26	Sat. 27	14 ·91	14 ·30	26
27	Sun. 28	—**A** ·98	15 ·39	27
28	Mon. 29	... ...	16 ·49	28
29	Tues. 30	1 ·07	17 ·60	—29
—30	Wed. 31	2 ·16	18 ·71	1
		Śukla. *Bahula.*		*H.* 1037 *Śafar.*
Prabhava. **Vṛśchika—Kārttigai.**	**Nov.**			
1	Thur. 1	3 ·24	19 ·80	2
2	Fri. 2	4 ·31	20 ·89	3
3	Sat. 3	5 ·37	21 ·97	4
4	Sun. 4	6 ·42	... ...	5
5	Mon. 5	7 ·43	22 ·01	6
6	Tues. 6	8 ·42	23 ·04	7
7	Wed. 7	9 ·39	24 ·05	8
8	Thur. 8	10 ·35	25 ·03	9
9	Fri. 9	11 ·29	26 ·01 27 ·97	10
10	Sat. 10	12 ·22	1 ·91	11
11	Sun. 11	13 ·14	2 ·85	12
12	Mon. 12	14 ·05 **P** ·95	3 ·78	13
13	Tues. 13	1 ·85	4 ·71	14
14	Wed. 14	2 ·75	5 ·65	15
15	Thur. 15	3 ·66	6 ·59	16
16	Fri. 16	4 ·58	7 ·53	17
17	Sat. 17	5 ·51	8 ·49	18
18	Sun. 18	6 ·45	9 ·46	19
19	Mon. 19	7 ·42	10 ·45	20
20	Tues. 20	8 ·40	11 ·46	21
21	Wed. 21	9 ·41	12 ·49	22
22	Thur. 22	10 ·43	13 ·53	23
23	Fri. 23	11 ·48	14 ·60	24
24	Sat. 24	12 ·54	15 ·70	25
25	Sun. 25	13 ·62	16 ·79	26
26	Mon. 26	14 ·70	17 ·90	27
27	Tues. 27	—**A** ·80	... ...	28
28	Wed. 28	1 ·88	18 ·00	29
—29	Thur. 29	2 ·95	19 ·11	—30
1	Fri. 30	... ...	20 ·20	1
		Śukla. **Kārttika.** *Bahula.*		*H.* 1037 *Rabī-ul awwal.*
Prabhava. **Dhanus—Mārgaḷi.**	**Dec.**			
2	Sat. 1	3 ·01	21 ·28	2
3	Sun. 2	4 ·05	22 ·33	3
4	Mon. 3	5 ·07	23 ·36	4
5	Tues. 4	6 ·06	24 ·37	5
6	Wed. 5	7 ·04 8 ·99	25 ·36	6
7	Thur. 6	9 ·92	26 ·35	7
8	Fri. 7	10 ·85	27 ·30	8
9	Sat. 8	11 ·77	1 ·25	9
10	Sun. 9	12 ·68	2 ·19	10
11	Mon. 10	13 ·58	3 ·12	11
12	Tues. 11	14 ·48	4 ·06 5 ·99	12
13	Wed. 12	**P** ·39	6 ·92	13
14	Thur. 13	1 ·30	7 ·86	14
15	Fri. 14	2 ·22	8 ·82	15
16	Sat. 15	3 ·15	9 ·79	16
17	Sun. 16	4 ·10	10 ·78	17
18	Mon. 17	5 ·06	11 ·78	18
19	Tues. 18	6 ·05	12 ·80	19
20	Wed. 19	7 ·05	13 ·84	20
21	Thur. 20	8 ·08	14 ·92	21
22	Fri. 21	9 ·12	... ...	22
23	Sat. 22	10 ·18	15 ·00	23
24	Sun. 23	11 ·26	16 ·09	24
25	Mon. 24	12 ·35	17 ·20	25
26	Tues. 25	13 ·44	18 ·31	26
27	Wed. 26	14 ·53	19 ·42	27
28	Thur. 27	—**A** ·61	20 ·51	28
29	Fri. 28	1 ·67	21 ·58	—29
—30	Sat. 29	2 ·70	22 ·64	1
1	Sun. 30	3 ·72	23 ·68	2
2	Mon. 31	4 ·70	24 ·69	3
		Śukla. **Mārgaśirsha.** *Bahula.*		*H.* 1037 *Rabī-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1628. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·24.** **Śaka 1550.** **Kaliyuga 4729.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·16.** **(S. Cycle) Vibhava.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Prabhava. **Makara—Tai.**		**Jan.**		
3	Tues. 1	5 ·68	25 ·70	4
4	Wed. 2	*Sukla.* 6 ·64	26 ·68	5
5	Thur. 3	7 ·58	27 ·64	6
6	Fri. 4	8 ·51	1 ·59	7
7	Sat. 5	9 ·43	2 ·53	8
8	Sun. 6	10 ·33	3 ·47	9
9	Mon. 7	11 ·23	4 ·40	10
10	Tues. 8	12 ·13	5 ·33	11
11	Wed. 9	13 ·04 / 14 ·95	6 ·26	12
12	Thur. ○ 10	**P** ·87	7 ·20	13
13	Fri. 11	**Pausha.** 1 ·80	8 ·16	14
14	Sat. 12	2 ·74	9 ·12	15
15	Sun. 13	3 ·70	10 ·10	16
16	Mon. 14	4 ·69	11 ·10	17
17	Tues. 15	5 ·70	12 ·12	18
18	Wed. 16	6 ·72	13 ·16	19
19	Thur. 17	7 ·76	14 ·22	20
20	Fri. 18	*Bahula.* 8 ·83	15 ·30	*H.* 1037 *Jamādal awwal.* 21
21	Sat. 19	9 ·91	16 ·39	22
22	Sun. 20	10 ·99	17 ·49	23
23	Mon. 21	...	18 ·60	24
24	Tues. 22	11 ·08	19 ·71	25
25	Wed. 23	12 ·16	20 ·81	26
26	Thur. 24	13 ·24	21 ·89	27
27	Fri. 25	14 ·30	22 ·95	28
28	Sat. 26	—**A** ·34	23 ·99	29
—29	Sun. 27	1 ·35	... ...	—30
1	Mon. 28	2 ·34	24 ·02	1
2	Tues. 29	3 ·31	25 ·02	2
3	Wed. 30	4 ·27	26 ·00 / 27 ·97	3
4	Thur. 31	5 ·21	1 ·92	4
		Feb.		
5	Fri. 1	6 ·13	2 ·87	5
6	Sat. 2	*Sukla.* 7 ·05 / 8 ·96	3 ·81	6
7	Sun. 3	9 ·86	4 ·74	7
8	Mon. 4	10 ·76	5 ·66	8
9	Tues. 5	11 ·66	6 ·60	9
10	Wed. 6	12 ·57	7 ·54	10
11	Thur. 7	13 ·49	8 ·49	11
12	Fri. 8	14 ·42	9 ·45	12
13	Sat. 9	**P** ·36	10 ·43	13
14	Sun. 10	**Māgha.** 1 ·33	11 ·42	14
15	Mon. 11	2 ·31	12 ·44	15
16	Tues. 12	3 ·31	13 ·47	16
17	Wed. 13	4 ·33	14 ·53	17
18	Thur. 14	5 ·38	15 ·60	18
19	Fri. 15	6 ·45	16 ·69	19
20	Sat. 16	7 ·53	17 ·79	20
21	Sun. 17	*Bahula.* 8 ·61	18 ·91	*H.* 1037 *Jamādal akhir.* 21
22	Mon. 18	9 ·70	... ...	22
23	Tues. 19	10 ·78	19 ·01	23
24	Wed. 20	11 ·85	20 ·11	24
25	Thur. 21	12 ·91	21 ·19	25
26	Fri. 22	13 ·95	22 ·26	26
27	Sat. 23	14 ·96	23 ·32	27
28	Sun. 24	—**A** ·95	24 ·34	28
29	Mon. 25	1 ·92	25 ·35	—29
—30	Tues. 26	2 ·87	26 ·33	1
1	Wed. 27	3 ·81	27 ·30	2
2	Thur. 28	4 ·74	1 ·27	3
3	Fri. 29	5 ·65	2 ·21	4

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Prabhava. **Mīna—Pāṅguni.**		**March.**		
4	Sat. 1	6 ·55	3 ·14	5
5	Sun. 2	*Sukla.* 7 ·45	4 ·07	6
6	Mon. 3	8 ·35	5 ·00 / 6 ·94	7
7	Tues. 4	9 ·26	7 ·88	8
8	Wed. 5	10 ·17	8 ·83	9
9	Thur. 6	11 ·09	9 ·78	10
10	Fri. 7	12 ·01 / 13 ·95	10 ·75	11
11	Sat. 8	14 ·92	11 ·74	12
12	Sun. 9	**P** ·90	12 ·76	13
13	Mon. 10	**Phālguna.** 1 ·91	13 ·79	14
14	Tues. 11	2 ·93	14 ·84	15
15	Wed. 12	3 ·97	15 ·91	16
16	Thur. 13	... ..	16 ·99	17
17	Fri. 14	*Bahula.* 4 ·03	... ...	*H.* 1037 *Rajab.* 18
18	Sat. 15	5 ·10	17 ·10	19
19	Sun. 16	6 ·19	18 ·21	20
20	Mon. 17	7 ·28	19 ·31	21
21	Tues. 18	8 ·36	20 ·41	22
22	Wed. 19	9 ·43	21 ·50	23
23	Thur. 20	10 ·48	22 ·58	24
24	Fri. 21	11 ·52	23 ·63	25
25	Sat. 22	12 ·53	24 ·66	26
26	Sun. 23	13 ·52	25 ·67	27
27	Mon. 24	14 ·49	26 ·66	28
28	Tues. 25	**A** ·44	27 ·64	29
29	Wed. 26	1 ·38	1 ·60	—30
—30	Thur. 27	2 ·30	2 ·55	1
1	Fri. 28	3 ·21	3 ·48	2
2	Sat. 29	4 ·11	4 ·41	3
3	Sun. 30	5 ·01 / 6 ·91	5 ·34	4
4	Mon. 31	7 ·81	6 ·28	5
		April.		
5	Tues. 1	8 ·71	7 ·22	6
6	Wed. 2	*Sukla.* 9 ·63	8 ·16	7
7	Thur. 3	10 ·56	9 ·11	8
8	Fri. 4	11 ·50	10 ·08	9
9	Sat. 5	12 ·46	11 ·07	10
10	Sun. 6	13 ·44	12 ·08	11
11	Mon. 7	14 ·45	13 ·10	12
12	Tues. 8	**P** ·47	14 ·15	13
13	Wed. 9	**Chaitra.** 1 ·51	15 ·21	14
14	Thur. 10	2 ·56	16 ·30	15
15	Fri. 11	3 ·64	17 ·40	16
16	Sat. 12	4 ·72	18 ·50	17
17	Sun. 13	5 ·81	19 ·61	18
18	Mon. 14	*Bahula.* 6 ·89	20 ·71	*H.* 1037 *Sha'bān.* 19
19	Tues. 15	7 ·96	21 ·81	20
20	Wed. 16	...	22 ·89	21
21	Thur. 17	8 ·01	23 ·94	22
22	Fri. 18	9 ·04	24 ·98	23
23	Sat. 19	10 ·06	25 ·99	24
24	Sun. 20	11 ·04	.. ...	25
25	Mon. 21	12 ·01 / 13 ·96	26 ·00 / 27 ·97	26
26	Tues. 22	14 ·90	1 ·93	27
27	Wed. 23	—**A** ·82	2 ·88	28
28	Thur. 24	1 ·73	3 ·82	—29
29	Fri. 25	2 63	4 ·75	1
30	Sat. 26	3 ·53	5 ·69	2
—31	Sun. 27	4 ·43	6 ·62	3
1	Mon. 28	*Sukla.* 5 ·33	7 ·55	4
2	Tues. 29	6 ·23	8 ·49	5
3	Wed. 30	7 ·14	9 ·44	6

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Vibhava. **Vṛishabha—Vaigāśi.**		**May.**		
4	Thur. 1	8 ·06	10 ·42	7
5	Fri. 2	9 ·01 / 10 ·98	11 ·40	8
6	Sat. 3	11 ·96	12 ·40	9
7	Sun. 4	12 ·95	13 ·42	10
8	Mon. 5	13 ·97	14 ·46	11
9	Tues. 6	... ...	15 ·53	12
10	Wed. 7	14 ·02	16 ·60	13
11	Thur. 8	**P** ·08	17 ·70	14
12	Fri. 9	**Vaiśākha.** 1 ·15	18 ·80	*H.* 1037 *Ramazān* 15
13	Sat. 10	2 ·23	19 ·91	16
14	Sun. 11	3 ·31	... ...	17
15	Mon. 12	4 ·39	20 ·02	18
16	Tues. 13	5 ·46	21 ·12	19
17	Wed. 14	6 ·51	22 ·19	20
18	Thur. 15	*Bahula.* 7 ·54	23 ·25	21
19	Fri. 16	8 ·55	24 ·29	22
20	Sat. 17	9 ·53	25 ·31	23
21	Sun. 18	10 ·51	26 ·32	24
22	Mon. 19	11 ·46	27 ·30	25
23	Tues. 20	12 ·39	1 ·27	26
24	Wed. 21	13 ·31	2 ·22	27
25	Thur. 22	14 ·21	3 ·16	28
26	Fri. 23	—**A** ·11	4 ·10	29
27	Sat. 24	1 ·01 / 2 ·91	5 ·03 / 6 ·96	—30
28	Sun. 25	3 ·81	7 ·89	1
29	Mon. 26	4 ·72	8 ·83	2
30	Tues. 27	5 ·63	9 ·79	3
—31	Wed. 28	6 ·65	10 ·75	4
1	Thur. 29	*Sukla.* 7 ·49	11 ·72	5
2	Fri. 30	8 ·45	12 ·72	6
3	Sat. 31	9 ·44	13 ·73	7
		June.		
4	Sun. 1	10 ·44	14 ·78	8
5	Mon. 2	11 ·46	15 ·83	9
6	Tues. 3	12 ·50	16 ·91	10
7	Wed. 4	13 ·55	... ...	11
8	Thur. 5	14 ·63	17 ·00	12
9	Fri. 6	**P** ·71	18 ·10	13
10	Sat. 7	**Jyeshṭha.** 1 ·79	19 ·22	14
11	Sun. 8	2 ·87	20 ·32	15
12	Mon. 9	3 ·94	21 ·42	16
13	Tues. 10	4 ·99	22 ·50	17
14	Wed. 11	*Bahula.*	23 ·56	18
15	Thur. 12	5 ·02	24 ·61	19
16	Fri. 13	6 ·03	25 ·64	20
17	Sat. 14	7 ·01 / 8 ·98	26 ·65	*H.* 1037 *Shawwāl.* 21
18	Sun. 15	9 ·93	27 ·63	22
19	Mon. 16	10 ·86	1 ·60	23
20	Tues. 17	11 ·78	2 ·55	24
21	Wed. 18	12 ·70	3 ·50	25
22	Thur. 19	13 ·61	4 ·44	26
23	Fri. 20	14 ·51	5 ·37	27
24	Sat. 21	—**A** ·40	6 ·30	28
25	Sun. 22	1 ·30	7 ·23	—29
26	Mon. 23	2 ·20	8 ·17	1
27	Tues. 24	3 ·11	9 ·12	2
28	Wed. 25	*Sukla.* 4 ·03 / 5 ·97	10 ·08	3
29	Thur. 26	6 ·94	11 ·05	4
30	Fri. 27	7 ·91	12 ·04	5
31	Sat. 28	8 ·91	13 ·06	6
—32	Sun. 29	9 ·94	14 ·09	7
1	Mon. 30	10 ·98	15 ·14	8

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

C8346

A.D. 1628. **Kollam 804,** { **N. Malabar—Sep.** **Hijra 1038.** **Vikrama 1685.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Aug. 21.** **Bengal San. 1034.**
P—Paurnimā. **(N. Cycle) Īśvara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Vibhava. **Karkataka—Ādi.**	**July.**					*Vibhava.* **Kanyā—Purattāsi.**	**Sep.**					*Vibhava.* **Vṛśchika—Karttigai.**	**Nov.**				
2	Tues.	1	... ...	16 ·21	9	1	Mon.	1	13 ·49	23 ·50	12	2	Sat.	1	P ·54	2 ·23	16
3	Wed.	2	11 ·04	17 ·30	10	2	Tues.	2	14 ·53	24 ·56	13	3	Sun.	2	1 ·50	3 ·18	15
4	Thur.	3	12 ·11	18 ·40	11	3	Wed.	3	P ·55	25 ·60	14	4	Mon.	3	2 ·42	4 ·13	16
5	Fri.	4	13 ·19	19 ·51	12	4	Thur.	4	1 ·53	26 ·61	15	5	Tues.	4	3 ·32	5 ·07	17
6	Sat.	5	14 ·27	20 ·62	13	5	Fri.	5	2 ·50	27 ·62	16	6	Wed.	5	4 ·22	6 ·00	
7	Sun. ○	6	P ·35	21 ·72	14	6	Sat.	6	3 ·46	1 ·60	17					7 ·23	
8	Mon.	7	1 ·42	22 ·80	15	7	Sun.	7	4 ·40	2 ·56	18	7	Thur.	6	5 ·12	8 ·33	
9	Tues.	8	2 ·47	23 ·87	16	8	Mon.	8	5 ·32	3 ·51	19				6 ·03		
10	Wed.	9	3 ·50	24 ·93	17	9	Tues.	9	6 ·23	4 ·45	20	8	Fri.	7	7 ·94	9 ·81	
11	Thur.	10	4 ·51	25 ·96	18	10	Wed.	10	7 ·13	5 ·38	21	9	Sat.	8	8 ·86	10 ·75	
12	Fri.	11	5 ·50	26 ·97	19	*Bahula.*			8 ·03	6 ·32	22	10	Sun.	9	9 ·79	11 ·71	
13	Sat.	12	6 ·47	27 ·96	20				9 ·93			11	Mon.	10	10 ·74	12 ·66	
14	Sun.	13	7 ·42	1 ·93	21	12	Fri.	12	10 ·83	7 ·25	23	12	Tues.	11	11 ·70	13 ·26	
15	Mon.	14	8 ·35	2 ·89	22	13	Sat.	13	11 ·73	8 ·18	24	13	Wed.	12	12 ·69	14 ·28	
16	Tues.	15	9 ·27	3 ·84	23	14	Sun.	14	12 ·65	9 ·12	25	14	Thur.	13	13 ·69	15 ·71	
17	Wed.	16	10 ·17	4 ·78	24	15	Mon.	15	13 ·58	10 ·07	26	15	Fri.	14	14 ·72	16 ·75	
18	Thur.	17	11 ·07	5 ·71	25	16	Tues.	16	14 ·53	11 ·04	27	16	Sat.	15	A ·77	17 ·82	
			12 ·97			17	Wed.	17	A ·49	12 ·02	28	17	Sun.	16	1 ·83	18 ·91	
19	Fri.	18	13 ·87	6 ·64	26	18	Thur.	18	1 ·48	13 ·02	29	18	Mon.	17	2 ·91	... ...	
20	Sat.	19	14 ·77	7 ·58	27	19	Fri.	19	2 ·48	14 ·03	30	19	Tues.	18	... ...	19 ·00	1
21	Sun.	20	A ·67	8 ·51	28	20	Sat.	20	3 ·50	15 ·07	1	20	Wed.	19	3 ·00	20 ·12	
22	Mon.	21	1 ·59	9 ·45	29	21	Sun.	21	4 ·55	16 ·14	2	21	Thur.	20	4 ·09	21 ·23	
23	Tues.	22	2 ·52	10 ·41	30	22	Mon.	22	5 ·61	17 ·21	3	22	Fri.	21	5 ·17	22 ·33	
24	Wed.	23	3 ·46	11 ·38	1	23	Tues.	23	6 ·69	18 ·31	4	23	Sat.	22	6 ·24	23 ·41	
25	Thur.	24	4 ·42	12 ·37	2	24	Wed.	24	7 ·78	19 ·41	5	24	Sun.	23	7 ·30	24 ·49	
26	Fri.	25	5 ·40	13 ·38	3	25	Thur.	25	8 ·87	20 ·52	6	25	Mon.	24	8 ·34	25 ·55	
27	Sat.	26	6 ·41	14 ·40	4	26	Fri.	26	9 ·95	21 ·63	7	26	Tues.	25	9 ·35	26 ·58	
28	Sun.	27	7 ·43	15 ·45	5	27	Sat	27	... ...	22 ·72	8	27	Wed.	26	10 ·35	27 ·59	
29	Mon.	28	8 ·47	16 ·52	6	28	Sun.	28	10 ·01	23 ·80	9	28	Thur.	27	11 ·32	1 ·58	10
30	Tues.	29	9 ·53	17 ·60	7	29	Mon.	29	11 ·08	24 ·87	10	29	Fri.	28	12 ·28	2 ·56	11
31	Wed.	30	10 ·60	18 ·71	8	30	Tues.	30	12 ·10	25 ·91	11	1	Sat.	29	13 ·22	3 ·52	12
32	Thur.	31	11 ·68	19 ·81	9							2	Sun.	30	14 ·14	4 ·47	13
	Aug.						**Oct.**						**Dec.**				
1	Fri.	1	12 ·77	20 ·92	10	1	Wed.	1	13 ·12	26 ·93	12	3	Mon.	1	P ·05	5 ·41	14
2	Sat.	2	13 ·85	... ...	11	2	Thur.	2	14 ·10	27 ·94	13				1 ·96		
3	Sun.	3	14 ·92	21 ·02	12	3	Fri.	3	P ·08	1 ·93	14	4	Tues.	2	2 ·86	6 ·34	15
4	Mon.	4	P ·97	22 ·11	13	4	Sat.	4	1 ·03	2 ·89	15	5	Wed.	3	3 ·76	7 ·27	16
5	Tues.	5	... ...	23 ·19	14				2 ·97			6	Thur.	4	4 ·67	8 ·21	17
6	Wed.	6	1 ·00	24 ·25	15	5	Sun.	5	3 ·89	3 ·85	16	7	Fri.	5	5 ·58	9 ·14	18
7	Thur.	7	2 ·01	25 ·28	16	6	Mon.	6	4 ·80	4 ·79	17	8	Sat.	6	6 ·50	10 ·08	19
			3 ·00			7	Tues.	7	5 ·71	5 ·73	18	9	Sun.	7	7 ·43	11 ·04	20
8	Fri.	8	4 ·97	26 ·29	17	8	Wed.	8	6 ·61	6 ·66	19	10	Mon.	8	8 ·38	12 ·00	21
9	Sat.	9	5 ·92	27 ·28	18	9	Thur.	9	7 ·51	7 ·59	20	11	Tues.	9	9 ·35	13 ·00	22
10	Sun.	10	6 ·85	1 ·27	19	10	Fri.	10	8 ·41	8 ·52	21	12	Wed.	10	10 ·33	14 ·00	23
11	Mon.	11	7 ·78	2 ·23	20	11	Sat.	11	9 ·32	9 ·46	22	13	Thur.	11	11 ·34	15 ·02	24
12	Tues.	12	8 ·68	3 ·18	21	12	Sun.	12	10 ·24	10 ·42	23	14	Fri.	12	12 ·37	16 ·06	25
13	Wed.	13	9 ·58	4 ·11	22	13	Mon.	13	11 ·17	11 ·37	24	15	Sat.	13	13 ·42	17 ·13	26
				5 ·01		14	Tues.	14	12 ·12	12 ·35	25	16	Sun.	14	14 ·48	18 ·21	27
14	Thur.	14	10 ·48	6 ·97	23	15	Wed.	15	13 ·08	13 ·34	26	17	Mon.	15	A ·56	19 ·31	28
15	Fri.	15	11 ·38	7 ·91	24	16	Thur.	16	14 ·07	14 ·35	27	18	Tues.	16	1 ·65	20 ·42	29
16	Sat.	16	12 ·28	8 ·85	25	17	Fri.	17	A ·07	15 ·39	28	19	Wed.	17	2 ·74	21 ·52	1
17	Sun.	17	13 ·18	9 ·79	26	18	Sat.	18	1 ·10	16 ·44	29	20	Thur.	18	3 ·82	22 ·63	2
18	Mon.	18	14 ·10	10 ·74	27	19	Sun.	19	2 ·15	17 ·52	1	21	Fri.	19	4 ·89	23 ·72	3
			A ·03			20	Mon.	20	3 ·21	18 ·61	2	22	Sat.	20	5 ·94	24 ·80	4
19	Tues.	19	1 ·97	11 ·71	28	21	Tues.	21	4 ·29	19 ·71	3	23	Sun.	21	6 ·68	25 ·86	5
20	Wed.	20	2 ·94	12 ·70	29	22	Wed.	22	5 ·37	20 ·82	4	24	Mon.	22	... ...	26 ·90	6
21	Thur.	21	3 ·92	13 ·70	1	23	Thur.	23	6 ·46	21 ·93	5	25	Tues.	23	7 ·00	27 ·91	
22	Fri.	22	4 ·93	14 ·72	2	24	Fri.	24	7 ·54	... ...	6				8 ·99		
23	Sat.	23	5 ·95	15 ·76	3	25	Sat.	25	8 ·61	22 ·03	7	26	Wed.	24	9 ·96	1 ·91	
24	Sun.	24	... ...	16 ·82	4	26	Sun.	26	9 ·67	23 ·11	8	27	Thur.	25	10 ·92	2 ·89	
25	Mon.	25	6 ·00	17 ·91	5	27	Mon.	27	10 ·71	24 ·18	9	28	Fri.	26	11 ·86	3 ·86	
26	Tues.	26	7 ·06	... ...	6	28	Tues.	28	11 ·72	25 ·22	10	29	Sat.	27	12 ·78	4 ·81	11
27	Wed.	27	8 ·14	18 ·01	7	29	Wed.	29	12 ·71	26 ·26	11	30	Sun.	28	13 ·70	5 ·74	12
28	Thur.	28	9 ·22	19 ·11	8	30	Thur.	30	13 ·69	27 ·27	12	1	Mon.	29	14 ·60	6 ·65	13
29	Fri.	29	10 ·30	20 ·22	9	1	Fri.	31	14 ·64	1 ·25	13	2	Tues.	○30	P ·50	7 ·62	14
30	Sat.	30	11 ·38	21 ·32	10							3	Wed.	31	1 ·40	8 ·55	15
31	Sun.	31	12 ·44	22 ·42	11												

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav 23. Dhanis. 24. Śatab

A.D. 1629. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·50.** **Śaka 1551.** **Kaliyuga 4730.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·42.** **(S. Cycle) Śukla.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Vibhava.					*Vibhava.*		*Bahula.*			*Śukla.*		*Bahula.*		
Makara—Tai.					**Mīna—Pāṅguni.**					**Vṛishabha—Vaigāśi.**				
4	Thur. 1	2 ·31	9 ·48	16	4	Sun. 1	2 ·25	14 ·96	16	4	Fri. 1	4 ·45	20 ·92	18
5	Fri. 2	3 ·22	10 ·42	17	5	Mon. 2	3 ·22	15 ·97	17	5	Sat. 2	5 ·53	... ...	19
6	Sat. 3	4 ·14	11 ·37	18	6	Tues. 3	4 ·20	... ...	18	6	Sun. 3	6 ·61	21 ·02	20
7	Sun. 4	5 ·08	12 ·33	19	7	Wed. 4	5 ·20	16 ·01	19	7	Mon. 4	7 ·69	22 ·13	21
8	Mon. 5	6 ·03 7 ·99	13 ·32	20	8	Thur. 5	6 ·24	17 ·06	20	8	Tues. 5	8 ·77	23 ·23	22
9	Tues. 6	8 ·97	14 ·32	21	9	Fri. 6	7 ·29	18 ·18	21	9	Wed. 6	9 ·84	24 ·33	23
10	Wed. 7	9 ·99	15 ·34	22	10	Sat. 7	8 ·37	19 ·21	22	10	Thur. 7	10 ·88	25 ·41	24
11	Thur. 8	... ...	16 ·37	23	11	Sun. 8	9 ·45	20 ·31	23	11	Fri. 8	11 ·90	26 ·47	25
12	Fri. 9	10 ·01	17 ·43	24	12	Mon. 9	10 ·54	21 ·43	24	12	Sat. 9	12 ·91	27 ·51	26
13	Sat. 10	11 ·06	18 ·52	25	13	Tues. 10	11 ·62	22 ·53	25	13	Sun. 10	13 ·89	1 ·53	27
14	Sun. 11	12 ·13	19 ·61	26	14	Wed. 11	12 ·70	23 ·63	26	14	Mon. 11	14 ·86	2 ·53	28
15	Mon. 12	13 ·21	20 ·72	27	15	Thur. 12	13 ·76	24 ·72	27	15	Tues. 12	—**A** ·80	3 ·52	29
16	Tues. 13	14 ·29	21 ·82	28	16	Fri. 13	14 ·81	25 ·79	28	16	Wed. 13	1 ·72	4 ·48	—30
17	Wed. 14	—**A** ·37	22 ·93	29	17	Sat. 14	—**A** ·85	26 ·84	29	17	Thur 14	2 ·64	5 ·44	1
18	Thur. 15	1 ·46	... ...	—30	18	Sun. 15	1 ·84	27 ·88	—30	18	Fri. 15	3 ·55	6 ·38	2
19	Fri. 16	2 ·53	23 ·03	1	19	Mon. 16	2 ·83	1 ·89	1	19	Sat. 16	4 ·46	7 ·31	3
20	Sat. 17	3 ·59	24 ·11	2	20	Tues. 17	3 ·79	2 ·88	2	20	Sun. 17	5 ·35	8 ·25	4
21	Sun. 18	4 ·62	25 ·17	3	21	Wed. 18	4 ·74	3 ·85	3	21	Mon. 18	6 ·25	9 ·18	5
22	Mon. 19	5 ·65	26 ·21	4	22	Thur. 19	5 ·67	4 ·81	4	22	Tues. 19	7 ·14	10 ·11	6
23	Tues. 20	6 ·63	27 ·23	5	23	Fri. 20	6 ·59	5 ·76	5	23	Wed. 20	8 ·05 9 ·97	11 ·05	7
24	Wed. 21	7 ·60	1 ·24	6	24	Sat. 21	7 ·50	6 ·70	6				12 ·00	
25	Thur. 22	8 ·56	2 ·22	7	25	Sun. 22	8 ·39	7 ·63	7	24	Thur. 21	10 ·90	13 ·97	8
26	Fri. 23	9 ·50	3 ·19	8	26	Mon. 23	9 ·29	8 ·56	8	25	Fri. 22	11 ·85	14 ·94	9
27	Sat. 24	10 ·42	4 ·14	9	27	Tues. 24	10 ·19	9 ·49	9	26	Sat. 23	12 ·81	15 ·94	10
28	Sun. 25	11 ·33	5 ·08	10	28	Wed. 25	11 ·10	10 ·44	10	27	Sun. 24	13 ·80	16 ·95	11
—29	Mon. 26	12 ·24	6 ·02 7 ·95	11	29	Thur. 26	12 ·01 13 ·93	11 ·38	11	28	Mon. 25	14 ·80	17 ·99	12
1	Tues. 27	13 ·14	8 ·88	12	—30	Fri. 27	14 ·86	12 ·33	12	29	Tues. 26	P ·83	... ...	13
2	Wed. 28	14 ·04 P ·94	9 ·82	13	1	Sat. 28	P ·82	13 ·30	13	30	Wed. 27	1 ·88	18 ·04	14
3	Thur. 29	1 ·85	10 ·75	14	2	Sun. 29	1 ·79	14 ·28	14	31	Thur. 28	2 ·95	19 ·13	15
4	Fri. 30	2 ·77	11 ·70	15	3	Mon. 30	2 ·77	15 ·30	15	—32	Fri. 29	... ...	20 ·22	16
5	Sat. 31	3 ·71	12 ·67	16	4	Tues. 31	3 ·78	16 ·32	13	1	Sat. 30	3 ·03	21 ·32	17
										2	Sun. 31	4 ·11	22 ·43	18
	Feb.					**April.**					**June.**			
Vibhava.					*Śukla.*		*Bahula.*			*Bahula.*				
Kumbha—Māśi.					**Mēsha—Chittirai.**					**Mithuna—Āni.**				
6	Sun. 1	4 ·66	13 ·65	17	5	Wed. 1	4 ·81	17 ·37	17	3	Mon. 1	5 ·19	23 ·53	19
7	Mon. 2	5 ·62	14 ·64	18	6	Thur. 2	5 ·86	18 ·43	18	4	Tues. 2	6 ·27	24 ·64	20
8	Tues. 3	6 ·60	15 ·65	19	7	Fri. 3	6 ·93	19 ·51	19	5	Wed. 3	7 ·33	25 ·72	21
9	Wed. 4	7 ·61	16 ·69	20	8	Sat. 4	... ...	20 ·62	20	6	Thur. 4	8 ·36	26 ·78	22
10	Thur. 5	8 ·64	17 ·75	21	9	Sun. 5	7 ·01	21 ·73	21	7	Fri. 5	9 ·39	27 ·83	23
11	Fri. 6	9 ·69	18 ·82	22	10	Mon. 6	8 ·10	22 ·83	22	8	Sat. 6	10 ·40	1 ·85	24
12	Sat. 7	10 ·75	19 ·91	23	11	Tues. 7	9 ·18	23 ·93	23	9	Sun. 7	11 ·37	2 ·87	25
13	Sun. 8	11 ·83	... ...	24	12	Wed. 8	10 ·26	... ...	24	10	Mon. 8	12 ·34	3 ·85	26
14	Mon. 9	12 ·91	20 ·01	25	13	Thur. 9	11 ·32	24 ·02	25	11	Tues. 9	13 ·29	4 ·82	27
15	Tues. 10	... ...	21 ·12	26	14	Fri. 10	12 ·37	25 ·10	26	12	Wed. 10	14 ·23	5 ·77	28
16	Wed. 11	13 ·00	22 ·23	27	15	Sat. 11	13 ·39	26 ·16	27	13	Thur.● 11	—**A** ·14	6 ·71	—29
17	Thur. 12	14 ·08	23 ·33	28	16	Sun. 12	14 ·39	27 ·20	28					
18	Fri. 13	—**A** ·15	24 ·42	—29	17	Mon. 13	—**A** ·38	1 ·21	—29	*Śukla.*				
19	Sat. 14	1 ·20	25 ·48	1	18	Tues. 14	1 ·33	2 ·21	1	14	Fri. 12	1 ·04 2 ·94	7 ·66	1
20	Sun. 15	2 ·24	26 ·53	2	19	Wed. 15	2 ·28	3 ·18	2	15	Sat. 13	3 ·83	8 ·59	2
21	Mon. 16	3 ·26	27 ·56	3	20	Thur. 16	3 ·21	4 ·15	3	16	Sun. 14	4 ·73	9 ·52	3
22	Tues. 17	4 ·24	1 ·57	4	21	Fri. 17	4 ·13	5 ·10	4	17	Mon. 15	5 ·63	10 ·45	4
23	Wed. 18	5 ·22	2 ·55	5	22	Sat. 18	5 ·04 6 ·95	6 ·04 7 ·97	5	18	Tues. 16	6 ·54	11 ·38	5
24	Thur. 19	6 ·17	3 ·52	6						19	Wed. 17	7 ·45	12 ·33	6
25	Fri. 20	7 ·11	4 ·48	7	23	Sun. 19	7 ·84	8 ·90	6	20	Thur. 18	8 ·39	13 ·30	7
26	Sat. 21	8 ·03 9 ·94	5 ·42	8	24	Mon. 20	8 ·74	9 ·84	7	21	Fri. 19	9 ·33	14 ·27	8
27	Sun. 22	10 ·85	6 ·36	9	25	Tues. 21	9 ·63	10 ·77	8	22	Sat. 20	10 ·29	15 ·26	9
28	Mon. 23	11 ·75	7 ·29	10	26	Wed. 22	10 ·54	11 ·71	9	23	Sun. 21	11 ·28	16 ·27	10
29	Tues. 24	12 ·65	8 ·22	11	27	Thur. 23	11 ·46	12 ·66	10	24	Mon. 22	12 ·28	17 ·30	11
—30	Wed. 25	13 ·55	9 ·15	12	28	Fri. 24	12 ·40	13 ·63	11	25	Tues. 23	13 ·31	18 ·36	12
1	Thur. 26	14 ·45	10 ·09	13	29	Sat. 25	13 ·36	14 ·62	12	26	Wed. 24	14 ·35	19 ·43	13
2	Fri. 27	P ·37	11 ·04	14	30	Sun. 26	14 ·32	15 ·62	13	27	Thur. 25	P ·42	20 ·53	14
3	Sat. 28	1 ·30	12 ·00 13 ·97	15	—31	Mon. 27	P ·29	16 ·64	14	28	Fri. 26	1 ·49	21 ·62	15
					1	Tues. 28	1 ·30	17 ·68	15	29	Sat. 27	2 ·57	22 ·72	16
					2	Wed. 29	2 ·34	18 ·74	16	30	Sun. 28	3 ·66	23 ·84	17
					3	Thur. 30	3 ·39	19 ·82	17	—31	Mon. 29	4 ·73	24 ·94	18
										1	Tues. 30	5 ·80	... ...	19

Śukla. *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*
Māgha. **Chaitra.** **Vaiśākha.** **Jyeshtha.** **Āshādha.**
P P P P P

H. 1038 *Jumāda'l awwal.* *H.* 1038 *Jumāda'l ākhir.* *H.* 1038 *Rajab.* *H.* 1038 *Sha'bān.* *H.* 1038 *Ramażān.* *H.* 1038 *Shawwāl.* *H.* 1038 *Zi-l-ka'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1629. **Kollam 805,** { **N. Malabar—Sep.** **Hijra 1039.** **Vikrama 1686.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Aug. 11.** **Bengal San. 1035.**
P—Paurnimā. **(N. Cycle) Bahudhānya.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.				
Śukla. **Karkaṭaka—Āḍi.** 2	Wed.	1	6 ·84	25 ·03	20
3	Thur.	2	7 ·87	26 ·09	21
4	Fri.	3	8 ·87	27 ·14	22
5	Sat.	4	9 ·85	1 ·18	23
6	Sun.	5	10 ·82	2 ·19	24
7	Mon.	6	11 ·76	3 ·18	25
8	Tues.	7	12 ·70	4 ·15	26
9	Wed.	8	13 ·61	5 ·11	27
10	Thur.	9	14 ·52	6 ·06	28
11	Fri.	10	—**A** ·42	7 ·00 / 8 ·93	29
12	Sat.	11	1 ·33	9 ·86	—30
13	Sun.	12	2 ·22	10 ·79	1
14	Mon.	13	3 ·11	11 ·72	2
15	Tues.	14	4 ·02 / 5 ·94	12 ·67	3
16	Wed.	15	6 ·87	13 ·63	4
17	Thur.	16	7 ·81	14 ·60	5
18	Fri.	17	8 ·78	15 ·58	6
19	Sat.	18	9 ·76	16 ·59	7
20	Sun.	19	10 ·76	17 ·62	8
21	Mon.	20	11 ·78	18 ·67	9
22	Tues.	21	12 ·82	19 ·74	10
23	Wed.	22	13 ·89	20 ·82	11
24	Thur.	23	14 ·96	21 ·92	12
25	Fri.	24	... ...	... ...	13
26	Sat.	25	**P** ·05	22 ·03	14
27	Sun.	26	1 ·13	23 ·14	15
28	Mon.	27	2 ·21	24 ·24	16
29	Tues.	28	3 ·27	25 ·33	17
30	Wed.	29	4 ·32	26 ·40	18
31	Thur.	30	5 ·36	27 ·47	19
—32	Fri.	31	6 ·36	1 ·50	20
	Aug.				
Śukla. **Siṁha—Āvaṇi.** 1	Sat.	1	7 ·34	2 ·51	21
2	Sun.	2	8 ·30	3 ·50	22
3	Mon.	3	9 ·26	4 ·48	23
4	Tues.	4	10 ·19	5 ·44	24
5	Wed.	5	11 ·11	6 ·39	25
6	Thur.	6	12 ·01 / 13 ·91	7 ·33	26
7	Fri.	7	14 ·82	8 ·26	27
8	Sat.	8	—**A** ·71	9 ·19	28
9	Sun.	9	1 ·62	10 ·12	29
10	Mon.	10	2 ·52	11 ·07	—30
11	Tues.	11	3 ·44	12 ·01 / 13 ·96	1
12	Wed.	12	4 ·37	14 ·93	2
13	Thur.	13	5 ·31	15 ·91	3
14	Fri.	14	6 ·28	16 ·92	4
15	Sat.	15	7 ·25	17 ·94	5
16	Sun.	16	8 ·26	18 ·98	6
17	Mon.	17	9 ·28	... ...	7
18	Tues.	18	10 ·33	19 ·04	8
19	Wed.	19	11 ·40	20 ·12	9
20	Thur.	20	12 ·47	21 ·23	10
21	Fri.	21	13 ·54	22 ·33	11
22	Sat.	22	14 ·62	23 ·44	12
23	Sun.	23	**P** ·71	24 ·54	13
24	Mon.	24	1 ·78	25 ·63	14
25	Tues.	25	2 ·83	26 ·71	15
26	Wed.	26	3 ·86	27 ·78	16
27	Thur.	27	4 ·87	1 ·82	17
28	Fri.	28	5 ·86	2 ·83	18
29	Sat.	29	6 ·82	3 ·83	19
30	Sun.	30	7 ·77	4 ·81	20
—31	Mon.	31	8 ·70	5 ·78	21

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.				
1	Tues.	1	9 ·62	6 ·73	22
Śukla. **Kanyā—Purāṭṭāsi.** 2	Wed.	2	*Bahula.* 10 ·53	7 ·67	23
3	Thur.	3	11 ·43	8 ·60	24
4	Fri.	4	12 ·34	9 ·53	25
5	Sat.	5	13 ·23	10 ·47	26
6	Sun.	6	14 ·14	11 ·40	27
7	Mon.	7	**A** ·05 / 1 ·97	12 ·34	28
8	Tues.	8	2 ·90	13 ·29	29
9	Wed.	9	3 ·84	14 ·25	—30
10	Thur.	10	4 ·80	15 ·24	1
11	Fri.	11	5 ·78	16 ·24	2
12	Sat.	12	6 ·80	17 ·25	3
13	Sun.	13	7 ·82	18 ·29	4
14	Mon.	14	*Śukla.* 8 ·87	19 ·35	5
15	Tues.	15	9 ·92	20 ·43	6
16	Wed.	16	... ...	21 ·53	7
17	Thur.	17	10 ·00	22 ·63	8
18	Fri.	18	11 ·08	23 ·73	9
19	Sat.	19	12 ·16	24 ·84	10
20	Sun.	20	13 ·25	25 ·93	11
21	Mon.	21	14 ·32	... ...	12
22	Tues.	22	**P** ·37	26 ·03	13
23	Wed.	23	1 ·40	27 ·09	14
24	Thur.	24	2 ·42	1 ·13	15
25	Fri.	25	3 ·40	2 ·15	16
26	Sat.	26	4 ·37	3 ·15	17
27	Sun.	27	5 ·33	4 ·15	18
28	Mon.	28	6 ·26	5 ·11	19
29	Tues.	29	7 ·18	6 ·07	20
—30	Wed.	30	8 ·09 / 9 ·99	7 ·01 / 8 ·94	21
	Oct.				
1	Thur.	1	*Bahula.* 10 ·90	9 ·88	22
2	Fri.	2	11 ·80	10 ·81	23
3	Sat.	3	12 ·70	11 ·74	24
4	Sun.	4	13 ·61	12 ·68	25
5	Mon.	5	14 ·53	13 ·63	26
6	Tues.	6	—**A** ·46	14 ·59	27
7	Wed.	7	1 ·42	15 ·57	28
8	Thur.	8	2 ·37	16 ·56	—29
9	Fri.	9	3 ·36	17 ·57	1
10	Sat.	10	4 ·37	18 ·60	2
Śukla. **Tulā—Aippaśi.** 11	Sun.	11	5 ·39	19 ·66	3
12	Mon.	12	6 ·44	20 ·74	4
13	Tues.	13	7 ·51	21 ·83	5
14	Wed.	14	8 ·58	22 ·93	6
15	Thur.	15	*Śukla.* 9 ·66	... ...	7
16	Fri.	16	10 ·76	23 ·03	8
17	Sat.	17	11 ·84	24 ·14	9
18	Sun.	18	12 ·90	25 ·25	10
19	Mon.	19	13 ·95	26 ·33	11
20	Tues.	20	14 ·98	27 ·40	12
21	Wed.	21	... ...	1 ·44	13
22	Thur.	22	**P** ·01 / 1 ·99	2 ·47	14
23	Fri.	23	2 ·96	3 ·49	15
24	Sat.	24	3 ·92	4 ·47	16
25	Sun.	25	4 ·85	5 ·44	17
26	Mon.	26	*Bahula.* 5 ·77	6 ·40	18
27	Tues.	27	6 ·68	7 ·34	19
28	Wed.	28	7 ·59	8 ·29	20
29	Thur.	29	8 ·49	9 ·22	21
—30	Fri.	30	9 ·39	10 ·15	22
1	Sat.	31	10 ·29	11 ·08	23

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.				
Śukla. **Vṛśchika—Kārttigai.** 2	Sun.	1	*Bahula.* 11 ·21	12 ·01 / 13 ·97	24
3	Mon.	2	12 ·13	14 ·92	25
4	Tues.	3	13 ·06	15 ·89	26
5	Wed.	4	14 ·00 / **A** ·97	16 ·88	27
6	Thur.	5	1 ·97	17 ·89	28
7	Fri.	6	2 ·98	18 ·92	29
8	Sat.	7	... ...	19 ·97	—30
9	Sun.	8	3 ·00	... ...	1
10	Mon.	9	4 ·05	20 ·04	2
11	Tues.	10	5 ·12	21 ·13	3
12	Wed.	11	6 ·20	22 ·22	4
13	Thur.	12	7 ·28	23 ·33	5
14	Fri.	13	8 ·38	24 ·45	6
15	Sat.	14	9 ·46	25 ·55	7
16	Sun.	15	*Śukla.* 10 ·53	26 ·63	8
17	Mon.	16	11 ·58	27 ·71	9
18	Tues.	17	12 ·62	1 ·76	10
19	Wed.	18	13 ·62	2 ·80	11
20	Thur.	19	14 ·61	3 ·81	12
21	Fri.	20	**P** ·58	4 ·80	13
22	Sat.	21	1 ·53	5 ·77	14
23	Sun.	22	2 ·47	6 ·73	15
24	Mon.	23	3 ·40	7 ·69	16
25	Tues.	24	4 ·31	8 ·63	17
26	Wed.	25	5 ·21	9 ·56	18
27	Thur.	26	6 ·11	10 ·49	19
28	Fri.	27	7 ·02 / 8 ·92	11 ·42	20
29	Sat.	28	9 ·82	12 ·35	21
—30	Sun.	29	10 ·75	13 ·30	22
1	Mon.	30	11 ·69	14 ·26	23
	Dec.				
2	Tues.	1	12 ·63	15 ·22	24
3	Wed.	2	13 ·60	16 ·21	25
4	Thur.	3	14 ·60	17 ·21	26
5	Fri.	4	—**A** ·61	18 ·24	27
6	Sat.	5	1 ·64	19 ·28	28
7	Sun.	6	2 ·70	20 ·35	—29
8	Mon.	7	3 ·77	21 ·43	1
9	Tues.	8	4 ·85	22 ·52	2
10	Wed.	9	5 ·95	23 ·64	3
11	Thur.	10	*Śukla.*	24 ·75	4
12	Fri.	11	6 ·03	25 ·85	5
13	Sat.	12	7 ·10	26 ·94	6
14	Sun.	13	8 ·17	.. ...	7
15	Mon.	14	9 ·22	27 ·01	8
16	Tues.	15	10 ·26	1 ·08	9
17	Wed.	16	11 ·26	2 ·12	10
18	Thur.	17	12 ·26	3 ·13	11
19	Fri.	18	13 ·22	4 ·13	12
20	Sat.	19	14 ·17	5 ·11	13
21	Sun.	20	**P** ·11	6 ·08	14
22	Mon.	21	1 ·03 / 2 ·94	7 ·02 / 8 ·96	15
23	Tues.	22	3 ·85	9 ·90	16
24	Wed.	23	4 ·76	10 ·83	17
25	Thur.	24	5 ·65	11 ·76	18
26	Fri.	25	6 ·56	12 ·70	19
27	Sat.	26	*Bahula.* 7 ·47	13 ·64	20
28	Sun	27	8 ·39	14 ·59	21
—29	Mon.	28	9 ·33	15 ·55	22
1	Tues.	29	10 ·28	16 ·53	23
2	Wed.	30	11 ·26	17 ·54	24
3	Thur.	31	12 ·24	18 ·56	25

H. 1038 *Ẓī-l-ka'da.* — *H.* 1038 *Ẓī-l-ḥijja.* — *H.* 1039 *Muḥarram.* — *H.* 1039 *Ṣafar.* — *H.* 1039 *Rabi-ul awwal.* — *H.* 1039 *Rabi-ul ākhir.* — *H.* 1039 *Jamāda'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1630. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·76.** **Śaka 1552.** **Kaliyuga 4731.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·68.** **(S. Cycle) Pramoda.**

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
Śukla. **Makara—Tai.** 4	Fri. 1	13 ·26	19 ·59	26
5	Sat. 2	14 ·29	20 ·65	27
6	SUN. 3	—**A** ·34	21 ·73	28
7	Mon. 4	1 ·42	22 ·83	29
8	Tues. 5	2 ·50	23 ·94	—30
9	Wed. 6	3 ·59	... ...	1
10	Thur. 7	4 ·68	24 ·04	2
11	Fri. 8	5 ·76	25 ·15	3
12	Sat. 9	6 ·82	26 ·24	4
13	SUN. 10	7 ·87	27 ·33	5
14	Mon. 11	8 ·91	1 ·39	6
15	Tues. 12	9 ·91	2 ·43	7
16	Wed. 13	10 ·90	3 ·45	8
17	Thur. 14	11 ·86	4 ·45	9
18	Fri. 15	12 ·82	5 ·43	10
19	Sat. 16	13 ·75	6 ·41	11
20	SUN. 17	14 ·67	7 ·36	12
21	Mon. 18	**P** ·57	8 ·30	13
22	Tues. 19	1 ·48	9 ·23	14
23	Wed. 20	2 ·38	10 ·16	15
24	Thur. 21	3 ·28	11 ·10	16
25	Fri. 22	4 ·19	12 ·04 / 13 ·97	17
26	Sat. 23	5 10	14 ·92	18
27	SUN. 24	6 ·03 / 7 ·97	15 ·88	19
28	Mon. 25	8 ·92	16 ·87	20
29	Tues. 26	9 ·90	17 ·86	21
—30	Wed. 27	10 ·88	18 ·87	22
1	Thur. 28	11 ·90	19 ·91	23
2	Fri. 29	12 ·94	20 ·96	24
3	Sat. 30	.. ..	... ...	25
4	SUN. 31	13 00	21 04	26
	Feb			
Śukla. **Kumbha—Māsi.** 5	Mon. 1	14 ·06	22 ·13	27
6	Tues. 2	—**A** ·14	23 ·23	28
7	Wed. 3	1 ·23	24 ·34	—29
8	Thur. 4	2 ·31	25 ·45	1
9	Fri. 5	3 ·39	26 ·55	2
10	Sat. 6	4 ·46	27 ·64	3
11	SUN. 7	5 ·52	1 ·70	4
12	Mon. 8	6 ·54	2 ·75	5
13	Tues. 9	7 ·55	3 ·77	6
14	Wed. 10	8 ·53	4 ·78	7
15	Thur. 11	9 ·49	5 ·77	8
16	Fri. 12	10 ·43	6 ·74	9
17	Sat. 13	11 ·36	7 ·69	10
18	SUN. 14	12 ·29	8 ·64	11
19	Mon. 15	13 ·20	9 ·57	12
20	Tues. 16	14 ·11	10 ·51	13
21	Wed. 17	**P** ·00 / 1 ·90	11 ·44	14
22	Thur. 18	2 ·81	12 ·37	15
23	Fri. 19	3 ·71	13 ·31	16
24	Sat. 20	4 ·64	14 ·25	17
25	SUN. 21	5 ·58	15 ·22	18
26	Mon. 22	6 ·54	16 ·19	19
27	Tues. 23	7 ·51	17 ·18	20
28	Wed. 24	8 ·49	18 ·19	21
—29	Thur. 25	9 ·51	19 ·22	22
1	Fri. 26	10 ·54	20 ·28	23
2	Sat. 27	11 ·61	21 ·35	24
3	SUN. 28	12 ·68	22 ·43	25

Śukla. **Māgha.** *Bahula.* *H.* 1039 *Jamāda'l ākhir.*
Śukla. **Phālguna.** *Bahula.* *H.* 1039 *Rajab.*

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
Śukla. **Mīna—Panguni.** 4	Mon. 1	13 ·77	23 ·53	26
5	Tues. 2	14 ·85	24 ·64	27
6	Wed. 3	—**A** ·93	25 ·74	28
7	Thur. 4	... ...	26 ·85	29
8	Fri. 5	1 ·01	27 ·94	—30
9	Sat. 6	2 ·07	... ...	1
10	SUN. 7	3 ·12	1 ·01	2
11	Mon. 8	4 ·13	2 ·06	3
12	Tues. 9	5 ·12	3 ·09	4
13	Wed. 10	6 ·11	4 ·11	5
14	Thur. 11	7 ·09	5 ·10	6
15	Fri. 12	8 ·03 / 9 ·96	6 ·07	7
16	Sat. 13	10 ·89	7 ·03 / 8 ·97	8
17	SUN. 14	11 ·79	9 ·92	9
18	Mon. 15	12 ·69	10 ·85	10
19	Tues. 16	13 ·58	11 ·78	11
20	Wed. 17	14 ·49	12 ·71	12
21	Thur. 18	**P** ·40	13 ·65	13
22	Fri. 19	1 ·31	14 ·60	14
23	Sat. 20	2 ·23	15 ·55	15
24	SUN. 21	3 ·16	16 ·52	16
25	Mon. 22	4 ·12	17 ·50	17
26	Tues. 23	5 ·09	18 ·51	18
27	Wed. 24	6 ·08	19 53	19
28	Thur. 25	7 ·10	20 ·59	20
29	Fri. 26	8 ·13	21 ·65	21
30	Sat. 27	9 ·18	22 ·73	22
—31	SUN. 28	10 ·25	23 ·83	23
1	Mon. 29	11 ·34	24 ·94	24
2	Tues. 30	12 ·42	... ...	25
3	Wed. 31	13 ·51	25 ·05	26
	April.			
Pramoda. **Mēsha—Chittirai.** 4	Thur. 1	14 ·58	26 ·15	27
5	Fri. 2	—**A** ·63	27 ·24	28
6	Sat. 3	1 ·67	1 ·32	—29
7	SUN. 4	2 ·69	2 ·38	1
8	Mon. 5	3 ·70	3 ·42	2
9	Tues. 6	4 ·68	4 ·43	3
10	Wed. 7	5 ·65	5 ·43	4
11	Thur. 8	6 ·59	6 ·40	5
12	Fri. 9	7 ·52	7 ·36	6
13	Sat. 10	8 ·44	8 ·32	7
14	SUN. 11	9 ·35	9 ·26	8
15	Mon. 12	10 ·25	10 ·19	9
16	Tues. 13	11 ·14	11 ·12	10
17	Wed. 14	12 ·04 / 13 ·94	12 ·05 / 13 ·99	11
18	Thur. 15	14 ·85	14 ·93	12
19	Fri. 16	**P** ·78	15 ·88	13
20	Sat. 17	1 ·71	16 ·85	14
21	SUN. 18	2 ·66	17 ·83	15
22	Mon. 19	3 ·63	18 ·83	16
23	Tues. 20	4 ·62	19 ·86	17
24	Wed. 21	5 ·62	20 ·90	18
25	Thur. 22	6 ·66	21 ·96	19
26	Fri. 23	7 ·71	... ...	20
27	Sat. 24	8 ·78	22 ·04	21
28	SUN. 25	9 ·86	23 ·13	22
29	Mon. 26	10 ·94	24 ·24	23
30	Tues. 27	.. ...	25 ·35	24
—31	Wed. 28	11 02	26 ·45	25
1	Thur. 29	12 ·09	27 ·55	26
2	Fri. 30	13 ·16	1 ·62	27

Śukla. **Vaiśākha.** *Bahula.* *H.* 1039 *Shaʻbān.*
Śukla. **Chaitra.** *Bahula.* *H.* 1039 *Ramazān.*

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
Pramoda. **Vrishabha—Vaigāśi.** 3	Sat. 1	14 ·21	2 ·69	28
4	SUN. 2	—**A** ·23	3 ·73	29
5	Mon. 3	1 ·22	4 ·75	—30
6	Tues. 4	2 ·21	5 ·75	1
7	Wed. 5	3 ·17	6 ·73	2
8	Thur. 6	4 ·10	7 ·70	3
9	Fri. 7	5 ·03 / 6 ·95	8 ·65	4
10	Sat. 8	7 ·86	9 ·59	5
11	SUN. 9	8 ·76	10 ·53	6
12	Mon. 10	9 ·66	11 ·46	7
13	Tues. 11	10 ·56	12 ·39	8
14	Wed. 12	11 ·45	13 ·33	9
15	Thur. 13	12 ·36	14 ·27	10
16	Fri. 14	13 ·28	15 ·22	11
17	Sat. 15	14 ·22	16 ·18	12
18	SUN. ○ 16	**P** ·17	17 ·15	13
19	Mon. 17	1 ·14	18 ·16	14
20	Tues. 18	2 ·12	19 ·17	15
21	Wed. 19	3 ·13	20 ·21	16
22	Thur. 20	4 ·15	21 ·26	17
23	Fri. 21	5 ·21	22 ·34	18
24	Sat. 22	6 ·28	23 ·44	19
25	SUN. 23	7 ·36	24 ·54	20
26	Mon. 24	8 ·44	25 ·65	21
27	Tues. 25	9 ·52	26 ·75	22
28	Wed. 26	10 ·60	27 ·85	23
29	Thur. 27	11 ·66	1 ·94	24
30	Fri. 28	12 ·69	... ...	25
—31	Sat. 29	13 ·72	2 ·00	26
1	SUN. 30	14 ·72	3 ·05	27
2	Mon. 31	—**A** ·71	4 ·07	28
	June.			
Pramoda. **Mithuna—Āni.** 3	Tues. 1	1 ·66	5 ·08	—29
4	Wed. 2	2 ·61	6 ·97	1
5	Thur. 3	3 ·54	7 ·04 / 8 ·99	2
6	Fri. 4	4 ·45	9 ·93	3
7	Sat. 5	5 ·36	10 ·87	4
8	SUN. 6	6 ·26	11 ·80	5
9	Mon. 7	7 ·15	12 ·74	6
10	Tues. 8	8 ·05 / 9 ·96	13 ·67	7
11	Wed. 9	10 ·86	14 ·60	8
12	Thur. 10	11 ·78	15 ·55	9
13	Fri. 11	12 ·71	16 ·51	10
14	Sat. 12	13 ·65	17 ·49	11
15	SUN. 13	14 ·62	18 ·48	12
16	Mon. 14	**P** ·60	19 ·49	13
17	Tues. 15	1 ·62	20 ·52	14
18	Wed. 16	2 ·64	21 ·57	15
19	Thur. 17	3 ·69	22 ·65	16
20	Fri. 18	4 ·75	23 ·74	17
21	Sat. 19	5 ·82	24 ·84	18
22	SUN. 20	6 ·91	25 ·95	19
23	Mon. 21	7 ·99	... ...	20
24	Tues. 22	... ...	26 ·05	21
25	Wed. 23	8 ·07	27 ·16	22
26	Thur. 24	9 ·13	1 ·25	23
27	Fri. 25	10 ·18	2 ·31	24
28	Sat. 26	11 ·20	3 ·36	25
29	SUN. 27	12 ·19	4 ·39	26
30	Mon. 28	13 ·18	5 ·40	27
31	Tues. 29	14 ·14	6 ·40	28
—32	Wed. 30	—**A** ·08	7 ·37	29

Śukla. **Jyeshtha.** *Bahula.* *H.* 1039 *Shawwāl.*
Śukla. **Adhika Āshādha.** *Bahula.* *H.* 1039 *Zū-l-ka'da.*

Nakesh:—1. Ásvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1630. **Kollam 806,** { **N. Malabar—Sep.** **Hijra 1040.** **Vikrama 1687.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 31.** **Bengal San. 1036.**
P—Paurnimā. **(N. Cycle) Pramāthin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Pramoda. **Karkaṭaka—Ādi.**						*Pramoda.* **Kanyā—Purattāśi.**			*Śukla.* **Bhādrapada.**		*H.* 1040 *Śafar.*	*Pramoda.* **Vṛiśchika—Kārttigai.**			*Śukla.* **Kārttika.**		*H.* 1040 *Rabī-ul ākhir.*
1	Thur.	1	1 ·01 / 2 ·93	8 ·32	—30	1	Wed.	1	5 ·27	16 ·51	3	2	Mon.	1	7 ·30	22 ·18	5
2	Fri.	2	3 ·83	9 ·27	1	2	Thur.	2	6 ·20	17 ·47	4	3	Tues.	2	8 ·34	23 ·26	6
3	Sat.	3	4 ·73	10 ·20	2	3	Fri.	3	7 ·15	18 ·45	5	4	Wed.	3	9 ·41	24 ·35	7
4	Sun.	4	5 ·63	11 ·14	3	4	Sat.	4	8 ·11	19 ·46	6	5	Thur.	4	10 ·49	25 ·45	8
5	Mon.	5	6 ·53	12 ·07	4	5	Sun.	5	9 ·10	20 ·47	7	6	Fri.	5	11 ·59	26 ·55	9
6	Tues.	6	7 ·42	13 ·00 / 14 ·94	5	6	Mon.	6	10 ·12	21 ·51	8	7	Sat.	6	12 ·68	27 ·66	10
7	Wed.	7	8 ·33	15 ·88	6	7	Tues.	7	11 ·14	22 ·57	9	8	Sun.	7	13 ·76	1 ·77	11
8	Thur.	8	9 ·25	16 ·85	7	8	Wed.	8	12 ·18	23 ·64	10	9	Mon.	8	14 ·82	2 ·86	12
9	Fri.	9	10 ·18	17 ·82	8	9	Thur.	9	13 ·24	24 ·74	11	10	Tues. ○	9	P ·87	3 ·93	13
10	Sat.	10	11 ·13	18 ·80	9	10	Fri.	10	14 ·31	25 ·85	12	11	Wed.	10	1 ·91	4 ·98	14
11	Sun.	11	12 ·10	19 ·81	10	11	Sat.	11	P ·39	26 ·96	13	12	Thur.	11	2 ·91	... ...	15
12	Mon.	12	13 ·08	20 ·83	11	12	Sun.	12	1 ·48	... ...	14	13	Fri.	12	3 ·90	5 ·01	16
13	Tues.	13	14 ·09	21 ·89	12	13	Mon.	13	2 ·56	27 ·06	15	14	Sat.	13	4 ·86	6 ·03	17
14	Wed.	14	P ·11	22 ·96	13	14	Tues.	14	3 ·67	1 ·16	16	15	Sun.	14	5 ·82	7 ·02 / 8 ·99	18
15	Thur.	15	1 ·16	... .	14	15	Wed.	15	4 ·68	2 ·24	17	16	Mon.	15	6 ·76	9 ·95	19
16	Fri.	16	2 ·22	23 ·04	15	16	Thur.	16	5 ·71	3 ·31	18	17	Tues.	16	7 ·68	10 ·90	20
17	Sat.	17	3 ·30	24 ·14	16	17	Fri.	17	6 ·72	4 ·35	19	18	Wed.	17	8 ·58	11 ·84	21
18	Sun.	18	4 ·38	25 ·24	17	18	Sat.	18	7 ·70	5 ·37	20	19	Thur.	18	9 ·49	12 ·78	22
19	Mon.	19	5 ·46	26 ·36	18	19	Sun.	19	8 ·67	6 ·37	21	20	Fri.	19	10 ·40	13 ·71	23
20	Tues.	20	6 ·54	27 ·46	19	20	Mon.	20	9 ·62	7 ·36	22	21	Sat.	20	11 ·29	14 ·64	24
21	Wed.	21	7 ·60	1 ·55	20	21	Tues.	21	10 ·56	8 ·33	23	22	Sun.	21	12 ·20	15 ·57	25
22	Thur.	22	8 ·65	2 ·62	21	22	Wed.	22	11 ·48	9 ·28	24	23	Mon.	22	13 ·12	16 ·51	26
23	Fri.	23	9 ·67	3 ·68	22	23	Thur.	23	12 ·39	10 ·23	25	24	Tues ●	23	14 ·04 / A ·97	17 ·48	27
24	Sat.	24	10 ·68	4 ·71	23	24	Fri.	24	13 ·29	11 ·16	26	25	Wed.	24	1 ·92	18 ·44	28
25	Sun.	25	11 ·66	5 ·73	24	25	Sat.	25	14 ·20	12 ·09	27	26	Thur.	25	2 ·90	19 ·43	—29
26	Mon.	26	12 ·63	6 ·72	25	26	Sun.	26	A ·09 / 1 ·99	13 ·03 / 14 ·96	28	27	Fri.	26	3 ·88	20 ·43	1
27	Tues.	27	13 ·57	7 ·70	26	27	Mon.	27	2 ·90	15 ·90	—29	28	Sat.	27	4 ·90	21 ·45	2
28	Wed.	28	14 ·50	8 ·66	27	28	Tues.	28	3 ·82	16 ·84	1	29	Sun.	28	5 ·93	22 ·50	3
29	Thur.	29	—A ·42	9 ·60	28	29	Wed.	29	4 ·76	17 ·80	2	—30	Mon.	29	6 ·99	23 ·57	4
30	Fri.	30	1 ·33	10 ·55	—29	30	Thur.	30	5 ·71	18 ·78	3	1	Tues.	30	... ...	24 ·65	5
—31	Sat.	31	2 ·23	11 ·48	1												
	Aug.						**Oct.**						**Dec.**				
Pramoda. **Siṁha—Āvaṇi.**			*Śukla.* **Śrāvaṇa.**		*H.* 1040 *Muharram.*	*Pramoda.* **Tulā—Aippaśi.**			*Śukla.* **Āśvina.**		*H.* 1040 *Rabi-ul awwal.*	*Pramoda.* **Dhanus—Mārgali.**			*Śukla.* **Mārgaśirsha.**		*H.* 1040 *Jamādu'l awwal.*
1	Sun.	1	3 ·12	12 ·41	2	—31	Fri.	1	6 ·68	19 ·78	4	2	Wed.	1	7 ·05	25 ·74	6
2	Mon.	2	4 ·02 / 5 ·92	13 ·34	3	1	Sat.	2	7 ·66	20 ·79	5	3	Thur.	2	8 ·13	26 ·85	7
3	Tues.	3	6 ·83	14 ·28	4	2	Sun.	3	8 ·68	21 ·82	6	4	Fri.	3	9 ·22	27 ·97	8
4	Wed.	4	7 ·75	15 ·23	5	3	Mon.	4	9 ·70	22 ·88	7	5	Sat.	4	10 ·32	... ...	9
5	Thur.	5	8 ·68	16 ·18	6	4	Tues.	5	10 ·74	23 ·95	8	6	Sun.	5	11 ·40	1 ·07	10
6	Fri.	6	9 ·62	17 ·15	7	5	Wed.	6	11 ·81	... ...	9	7	Mon.	6	12 ·46	2 ·16	11
7	Sat.	7	10 ·59	18 ·13	8	6	Thur.	7	12 ·81	24 ·05	10	8	Tues.	7	13 ·52	3 ·23	12
8	Sun.	8	11 ·58	19 ·13	9	7	Fri.	8	13 ·97	25 ·15	11	9	Wed.	8	14 ·54	4 ·29	13
9	Mon.	9	12 ·59	20 ·16	10	8	Sat.	9	... ...	26 ·25	12	10	Thur.	9	P ·55	5 ·33	14
10	Tues.	10	13 ·60	21 ·20	11	9	Sun.	10	14 ·05	27 ·36	13	11	Fri.	10	1 ·54	6 ·35	15
11	Wed.	11	14 ·65	22 ·26	12	10	Mon.	11	P ·13	1 ·46	14	12	Sat.	11	2 ·50	7 ·35	16
12	Thur.	12	P ·72	23 ·34	13	11	Tues.	12	1 ·20	2 ·55	15	13	Sun.	12	3 ·45	8 ·32	17
13	Fri.	13	1 ·80	24 ·44	14	12	Wed.	13	2 ·25	3 ·62	16	14	Mon.	13	4 ·38	9 ·29	18
14	Sat.	14	2 ·88	25 ·54	15	13	Thur.	14	3 ·29	4 ·67	17	15	Tues.	14	5 ·30	10 ·23	19
15	Sun.	15	3 ·96	26 ·66	16	14	Fri.	15	4 ·30	5 ·69	18	16	Wed.	15	6 ·21	11 ·18	20
16	Mon.	16	... ...	27 ·76	17	15	Sat.	16	5 ·29	6 ·70	19	17	Thur.	16	7 ·12	12 ·12	21
17	Tues.	17	4 ·04	1 ·85	18	16	Sun.	17	6 ·25	7 ·69	20	18	Fri.	17	8 ·03 / 9 ·93	13 ·05 / 14 ·97	22
18	Wed.	18	5 ·11	2 ·93	19	17	Mon.	18	7 ·21	8 ·66	21	19	Sat.	18	10 ·83	15 ·91	23
19	Thur.	19	6 ·15	3 ·99	20	18	Tues.	19	8 ·14	9 ·62	22	20	Sun.	19	11 ·75	16 ·86	24
20	Fri.	20	7 ·17	... ...	21	19	Wed.	20	9 ·05 / 10 ·97	10 ·56	23	21	Mon.	20	12 ·67	17 ·81	25
21	Sat.	21	8 ·19	4 ·04	22	20	Thur.	21	11 ·87	11 ·50	24	22	Tues.	21	13 ·61	18 ·77	26
22	Sun.	22	9 ·16	5 ·05	23	21	Fri.	22	12 ·78	12 ·43	25	23	Wed.	22	14 ·57	19 ·75	27
23	Mon.	23	10 ·13	6 ·05	24	22	Sat.	23	13 ·67	13 ·37	26	24	Thur.	23	—A ·54	20 ·75	28
24	Tues.	24	11 ·08	7 ·03 / 8 ·99	25	23	Sun.	24	14 ·58	14 ·30	27	25	Fri.	24	1 ·53	21 ·78	29
25	Wed.	25	12 ·02 / 13 ·93	9 ·95	26	24	Mon.	25	—A ·49	15 ·23	28	26	Sat.	25	2 ·54	22 ·81	—30
26	Thur.	26	14 ·84	10 ·89	27	25	Tues.	26	1 ·41	16 ·18	29	27	Sun.	26	3 ·58	23 ·87	1
27	Fri.	27	—A ·74	11 ·82	28	26	Wed.	27	2 ·35	17 ·13	—30	28	Mon.	27	4 ·64	24 ·95	2
28	Sat.	28	1 ·64	12 ·75	29	27	Thur.	28	3 ·30	18 ·11	1	—29	Tues.	28	5 ·71	... ...	3
29	Sun.	29	2 ·53	13 ·68	—30	28	Fri.	29	4 ·27	19 ·10	2	1	Wed.	29	6 ·79	25 ·04	4
30	Mon.	30	3 ·43	14 ·62	1	—29	Sat.	30	5 ·25	20 ·11	3	2	Thur.	30	7 ·88	26 ·15	5
—31	Tues.	31	4 ·35	15 ·56	2	1	Sun.	31	6 ·27	21 ·14	4	3	Fri.	31	8 ·97	27 ·26	6

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1631. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·01.** **Śaka 1553.** **Kaljyuga 4732.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·93.** **(S. Cycle) Prajāpati.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
4	Sat. 1	... ...	1 ·37	7	3	Tues. 1	8 ·44	5 ·28	7	3	Sun. 1	10 ·26	12 ·81	9
5	Sun. 2	9 ·05	2 ·46	8	4	Wed. 2	9 ·44	6 ·31	8	4	Mon. 2	11 ·17	13 ·75	10
6	Mon. 3	10 ·11	3 ·54	9	5	Thur. 3	10 ·43	7 ·32	9	5	Tues. 3	12 ·07 / 13 ·96	14 ·68	11
7	Tues. 4	11 ·16	4 ·60	10	6	Fri. 4	11 ·39	8 ·32	10					
8	Wed. 5	12 ·19	5 ·65	11	7	Sat. 5	12 ·33	9 ·29	11	6	Wed. 4	14 ·86	15 ·61	12
9	Thur. 6	13 ·20	6 ·67	12	8	Sun. 6	13 ·26	10 ·25	12	7	Thur. ○ 5	P ·77	16 ·54	13
10	Fri. 7	14 ·18	7 ·67	13	9	Mon. 7	14 ·17	11 ·19	13	8	Fri. 6	1 ·68	17 ·49	14
11	Sat. 8	P ·15	8 ·65	14	10	Tues. 8	P ·08 / 1 ·98	12 ·13	14	9	Sat. 7	2 ·60	18 ·44	15
12	Sun. 9	1 ·10	9 ·62	15						10	Sun. 8	3 ·53	19 ·40	16
13	Mon. 10	2 ·04 / 3 ·95	10 ·58	16	11	Wed. 9	2 ·89	13 ·07 / 14 ·00	15	11	Mon. 9	4 ·48	20 ·37	17
14	Tues. 11	4 ·85	11 ·52	17	12	Thur. 10	3 ·79	15 ·93	16	12	Tues. 10	5 ·46	21 ·37	18
15	Wed. 12	5 ·76	12 ·45	18	13	Fri. 11	4 ·70	16 ·86	17	13	Wed. 11	6 ·45	22 ·39	19
16	Thur. 13	6 ·66	13 ·38	19	14	Sat. 12	5 ·61	17 ·81	18	14	Thur. 12	7 ·45	23 ·43	20
17	Fri. 14	7 ·56	14 ·31	20	15	Sun. 13	6 ·52	18 ·76	19	15	Fri. 13	8 ·49	24 ·48	21
18	Sat. 15	8 ·47	15 ·25	21	16	Mon. 14	7 ·46	19 ·74	20	16	Sat. 14	9 ·55	25 ·56	22
19	Sun. 16	9 ·39	16 ·19	22	17	Tues. 15	8 ·42	20 ·72	21	17	Sun. 15	10 ·61	26 ·65	23
20	Mon. 17	10 ·31	17 ·14	23	18	Wed. 16	9 ·40	21 ·73	22	18	Mon. 16	11 ·69	27 ·76	24
21	Tues. 18	11 ·26	18 ·10	24	19	Thur. 17	10 ·38	22 ·75	23	19	Tues. 17	12 ·77	1 ·87	25
22	Wed. 19	12 ·21	19 ·08	25	20	Fri. 18	11 ·41	23 ·80	24	20	Wed. 18	13 ·86	2 ·97	26
23	Thur. 20	13 ·18	20 ·08	26	21	Sat. 19	12 ·44	24 ·87	25	21	Thur. 19	14 ·93	... ...	27
24	Fri. 21	14 ·17	21 ·09	27	22	Sun. 20	13 ·49	25 ·95	26	22	Fri. ● 20	—A ·98	3 ·06	28
25	Sat. 22	—A ·19	22 ·13	28	23	Mon. 21	14 ·57	... ...	27	23	Sat. 21	... ...	4 ·15	—29
26	Sun. 23	1 ·24	23 ·18	—29	24	Tues. 22	—A ·65	26 ·05	28	24	Sun. 22	1 ·02	5 ·22	1
27	Mon. 24	2 ·29	24 ·25	1	25	Wed. 23	1 ·74	27 ·16	—29	25	Mon. 23	2 ·04	6 ·26	2
28	Tues. 25	3 ·35	25 ·34	2	26	Thur. 24	2 ·82	1 ·26	1	26	Tues. 24	3 ·04	7 ·29	3
29	Wed. 26	4 ·44	26 ·45	3	27	Fri. 25	3 ·89	2 ·37	2	27	Wed. 25	4 ·02 / 5 ·99	8 ·29	4
—30	Thur. 27	5 ·53	27 ·56	4	28	Sat. 26	4 ·95	3 ·46	3	28	Thur. 26	6 ·93	9 ·28	5
1	Fri. 28	6 ·62	1 ·67	5	29	Sun. 27	5 ·99	4 ·54	4	29	Fri. 27	7 ·85	10 ·25	6
2	Sat. 29	7 ·69	2 ·76	6	—30	Mon. 28	... ...	5 ·59	5	30	Sat. 28	8 ·76	11 ·21	7
3	Sun. 30	8 ·76	3 ·85	7	1	Tues. 29	6 ·02	6 ·63	6	—31	Sun. 29	9 ·66	12 ·15	8
4	Mon. 31	9 ·81	4 ·92	8	2	Wed. 30	7 ·01	7 ·65	7	1	Mon. 30	10 ·57	13 ·09	9
					3	Thur. 31	8 ·00 / 9 ·95	8 ·64	8	2	Tues. 31	11 ·46	14 ·02 / 15 ·95	10
	Feb.					**April.**					**June.**			
5	Tues. 1	10 ·83	5 ·97	9	4	Fri. 1	10 ·89	9 ·62	9	3	Wed. 1	12 ·37	16 ·88	11
6	Wed. 2	11 ·83	6 ·99	10	5	Sat. 2	11 ·82	10 ·58	10	4	Thur. 2	13 ·27	17 ·82	12
7	Thur. 3	12 ·81	... ...	11	6	Sun. 3	12 ·73	11 ·53	11	5	Fri. 3	14 ·17	18 ·77	13
8	Fri. 4	13 ·78	7 ·00 / 8 ·98	12	7	Mon. 4	13 ·64	12 ·48	12	6	Sat. 4	P ·09	19 ·73	14
9	Sat. 5	14 ·72	9 ·96	13	8	Tues. 5	14 ·54	13 ·41	13	7	Sun. 5	1 ·02 / 2 ·98	20 ·70	15
10	Sun. 6	P ·66	10 ·91	14	9	Wed. 6	P ·44	14 ·34	14	8	Mon. 6	3 ·94	21 ·70	16
11	Mon. 7	1 ·57	11 ·86	15	10	Thur. 7	1 ·34	15 ·27	15	9	Tues. 7	4 ·93	22 ·71	17
12	Tues. 8	2 ·48	12 ·79	16	11	Fri. 8	2 ·25	16 ·20	16	10	Wed. 8	5 ·94	23 ·74	18
13	Wed. 9	3 ·39	13 ·72	17	12	Sat. 9	3 ·16	17 ·14	17	11	Thur. 9	6 ·98	24 ·79	19
14	Thur. 10	4 ·29	14 ·66	18	13	Sun. 10	4 ·08	18 ·10	18	12	Fri. 10	... ...	25 ·86	20
15	Fri. 11	5 ·19	15 ·59	19	14	Mon. 11	5 ·01 / 6 ·97	19 ·07	19	13	Sat. 11	7 ·02	26 ·96	21
16	Sat. 12	6 ·09	16 ·53	20	15	Tues. 12	7 ·95	20 ·05	20	14	Sun. 12	8 ·08	... ...	22
17	Sun. 13	7 ·01 / 8 ·92	17 ·47	21	16	Wed. 13	8 ·92	21 ·05	21	15	Mon. 13	9 ·16	27 ·06	23
18	Mon. 14	9 ·87	18 ·43	22	17	Thur. 14	9 ·94	22 ·07	22	16	Tues. 14	10 ·24	1 ·17	24
19	Tues. 15	10 ·83	19 ·41	23	18	Fri. 15	10 ·98	23 ·12	23	17	Wed. 15	11 ·33	2 ·27	25
20	Wed. 16	11 ·81	20 ·40	24	19	Sat. 16	... ...	24 ·18	24	18	Thur. 16	12 ·40	3 ·37	26
21	Thur. 17	12 ·79	21 ·41	25	20	Sun. 17	11 ·04	25 ·26	25	19	Fri. 17	13 ·46	4 ·46	27
22	Fri. 18	13 ·80	22 ·44	26	21	Mon. 18	12 ·11	26 ·35	26	20	Sat. 18	14 ·50	5 ·53	28
23	Sat. 19	14 ·85	23 ·49	27	22	Tues. 19	13 ·19	27 ·45	27	21	Sun. 19	—A ·52	6 ·58	29
24	Sun. 20	—A ·91	24 ·56	28	23	Wed. 20	14 ·28	1 ·57	28	22	Mon. 20	1 ·52	7 ·61	—30
25	Mon. 21	1 ·98	25 ·65	29	24	Thur. 21	—A ·36	2 ·67	29	23	Tues. 21	2 ·50	8 ·62	1
26	Tues. 22	... ...	26 ·75	—30	25	Fri. 22	1 ·42	3 ·77	—30	24	Wed. 22	3 ·47	9 ·61	2
27	Wed. 23	2 ·07	27 ·86	1	26	Sat. 23	2 ·48	4 ·85	1	25	Thur. 23	4 ·41	10 ·59	3
28	Thur. 24	3 ·16	1 ·96	2	27	Sun. 24	3 ·53	5 ·91	2	26	Fri. 24	5 ·33	11 ·54	4
29	Fri. 25	4 ·24	... ...	3	28	Mon. 25	4 ·54	6 ·95	3	27	Sat. 25	6 ·25	12 ·49	5
—30	Sat. 26	5 ·31	2 ·06	4	29	Tues. 26	5 ·55	7 ·97	4	28	Sun. 26	7 ·16	13 ·42	6
1	Sun. 27	6 ·37	3 ·16	5	30	Wed. 27	6 ·53	8 ·97	5	29	Mon. 27	8 ·05 / 9 ·95	14 ·35	7
2	Mon. 28	7 ·42	4 ·23	6	—31	Thur. 28	7 ·48	9 ·95	6	30	Tues. 28	10 ·85	15 ·29	8
					1	Fri. 29	8 ·42	10 ·91	7	31	Wed. 29	11 ·75	16 ·22	9
					2	Sat. 30	9 ·34	11 ·86	8	—32	Thur. 30	12 ·65	17 ·16	10

Pramoda. **Makara—Tai.** *Bahula.* **Pausha.** *Sukla.* **Māgha.** *Pramoda.* **Kumbha—Māsi.** *Bahula.* **Phālguna.** *Sukla.* **Chaitra.** *Pramoda.* **Mīna—Pangūni.** *Bahula.* **Vaiśākha.** *Sukla.* **Jyeshtha.** *Prajāpati.* **Mēsha—Chittirai.** *Bahula.* **Vaisākha—Vaigāsi.** *Sukla.* **Āsh.** *Prajāpati.* **Vrishabha—Āni.** *Bahula.* **Jyeshtha.** *Sukla.* *Prajāpati.* **Mithuna—Āni.**

H. 1040 *Jamāda'l ākhir.* *H.* 1040 *Rajab.* *H.* 1040 *Sha'bān.* *H.* 1040 *Ramazān.* *H.* 1040 *Shawwāl.* *H.* 1040 *Zi-l-ka'da.* *H.* 1040 *Zi-l-hijja.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1631. **Kollam 807,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1041.** **Vikrama 1688.**
A—Amāvāsyā. Commences Commences July 20. **Bengal San. 1037.**
P—Paurnimā. **(N. Cycle) Vikrama.**

Prajāpati. Karkaṭaka—Ādi.

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
1	Fri. 1	13 ·57	18 ·10	11
2	Sat. 2	14 ·50	19 ·06	12
3	Sun. 3	**P** ·45	20 ·04	13
4	Mon. 4	1 ·42	21 ·02	14
5	Tues. 5	2 ·41	22 ·03	15
6	Wed. 6	3 ·41	23 ·05	16
7	Thur. 7	4 ·45	24 ·10	17
8	Fri. 8	5 ·50	25 ·17	18
9	Sat. 9	6 ·56	26 ·26	19
10	Sun. 10	7 ·63	27 ·36	20
11	Mon. 11	8 ·71	1 ·46	21
12	Tues. 12	9 ·80	2 ·57	22
13	Wed. 13	10 ·87	3 ·67	23
14	Thur. 14	11 ·93	4 ·77	24
15	Fri. 15	12 ·98	5 ·84	25
16	Sat. 16	... ...	6 ·90	26
17	Sun. 17	13 ·00	7 ·93	27
18	Mon. 18	14 ·00 / **A** ·99	8 ·94	28
19	Tues. 19	1 ·95	9 ·94	29
20	Wed. 20	2 ·89	10 ·92	1
21	Thur. 21	3 ·82	11 ·88	2
22	Fri. 22	4 ·74	12 ·82	3
23	Sat. 23	5 ·64	13 ·76	4
24	Sun. 24	6 ·54	14 ·70	5
25	Mon. 25	7 ·44	15 ·63	6
26	Tues. 26	8 ·34	16 ·56	7
27	Wed. 27	9 ·24	17 ·50	8
28	Thur. 28	10 ·14	18 ·44	9
29	Fri. 29	11 ·06 / 12 ·99	19 ·40	10
30	Sat. 30	13 ·93	20 ·36	11
31	Sun. 31	14 ·91	21 ·35	12
	Aug.			
1	Mon. 1	**P** ·89	22 ·35	13
2	Tues. 2	1 ·90	23 ·37	14
3	Wed. 3	2 ·93	24 ·41	15
4	Thur. 4	3 ·97	25 ·48	16
5	Fri. 5	... ...	26 ·56	17
6	Sat. 6	4 ·03	27 ·66	18
7	Sun. 7	5 ·12	1 ·76	19
8	Mon. 8	6 ·21	2 ·87	20
9	Tues. 9	7 ·29	3 ·98	21
10	Wed. 10	8 ·37	... ...	22
11	Thur. 11	9 ·42	4 ·07	23
12	Fri. 12	10 ·46	5 ·15	24
13	Sat. 13	11 ·50	6 ·21	25
14	Sun. 14	12 ·50	7 ·25	26
15	Mon. 15	13 ·49	8 ·27	27
16	Tues. 16	14 ·45	9 ·27	28
17	Wed. 17	**A** ·40	10 ·25	29
18	Thur. 18	1 ·32	11 ·21	30
19	Fri. 19	2 ·24	12 ·16	1
20	Sat. 20	3 ·15	13 ·11	2
21	Sun. 21	4 ·05 / 5 ·94	14 ·04 / 15 ·97	3
22	Mon. 22	6 ·84	16 ·90	4
23	Tues. 23	7 ·74	17 ·83	5
24	Wed. 24	8 ·65	18 ·77	6
25	Thur. 25	9 ·58	19 ·73	7
26	Fri. 26	10 ·51	20 ·69	8
27	Sat. 27	11 ·49	21 ·67	9
28	Sun. 28	12 ·43	22 ·67	10
29	Mon. 29	13 ·41	23 ·68	11
30	Tues. 30	14 ·43	24 ·73	12
31	Wed. 31	**P** ·45	25 ·79	13

Śukla. **Āshādha.** *Bahula.* *H.* 1040 *Zi-l-ḥijja.* *Muharram.* *H.* 1041 *Muharram.* *Śukla.* **Śrāvaṇa.** *Bahula.* *Śukla.* **Bhādrapada.** *H.* 1041 *Śafar.*

Prajāpati. Kanyā—Purattāsi.

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
1	Thur. 1	**Bhād.** 1 ·50	26 ·87	14
2	Fri. 2	2 ·56	27 ·96	15
3	Sat. 3	3 ·63	... ...	16
4	Sun. 4	4 ·72	1 ·06	17
5	Mon. 5	5 ·80	2 ·18	18
6	Tues. 6	6 ·88	3 ·28	19
7	Wed. 7	7 ·95	4 ·38	20
8	Thur. 8	... ...	5 ·46	21
9	Fri. 9	8 ·00	6 ·52	22
10	Sat. 10	9 ·02	7 ·57	23
11	Sun. 11	10 ·02	8 ·59	24
12	Mon. 12	11 ·01 / 12 ·98	9 ·59	25
13	Tues. 13	13 ·93	10 ·58	26
14	Wed. 14	14 ·85	11 ·54	27
15	Thur. 15	**A** ·77	12 ·50	28
16	Fri. 16	1 ·68	13 ·45	29
17	Sat. 17	2 ·59	14 ·38	1
18	Sun. 18	3 ·49	15 ·31	2
19	Mon. 19	4 ·39	16 ·24	3
20	Tues. 20	5 ·29	17 ·17	4
21	Wed. 21	6 ·19	18 ·12	5
22	Thur. 22	7 ·12	19 ·06	6
23	Fri. 23	8 ·05	20 ·72	7
24	Sat. 24	9 ·00 / 10 ·97	21 ·00 / 22 ·99	8
25	Sun. 25	11 ·95	... ...	9
26	Mon. 26	12 ·97	23 ·01	10
27	Tues. 27	... ..	24 ·04	11
28	Wed. 28	13 ·00	25 ·10	12
29	Thur. 29	14 ·05	26 ·17	13
30	Fri. 30	**P** ·11	27 ·26	14
	Oct.			
31	Sat. 1	1 ·19	1 ·37	15
1	Sun. 2	2 ·28	2 ·47	16
2	Mon. 3	3 ·36	3 ·58	17
3	Tues. 4	4 ·44	4 ·68	18
4	Wed. 5	5 ·51	5 ·76	19
5	Thur. 6	6 ·56	6 ·84	20
6	Fri. 7	7 ·58	7 ·89	21
7	Sat. 8	8 ·60	8 ·91	22
8	Sun. 9	9 ·58	9 ·92	23
9	Mon. 10	10 ·56	10 ·90	24
10	Tues. 11	11 ·50	11 ·87	25
11	Wed. 12	12 ·42	12 ·84	26
12	Thur. 13	13 ·34	13 ·78	27
13	Fri. 14	14 ·26	14 ·72	28
14	Sat. ● 15	**A** ·16	15 ·65	29
15	Sun. 16	1 ·06 / 2 ·96	16 ·58	30
16	Mon. 17	3 ·86	17 ·52	1
17	Tues. 18	4 ·77	18 ·45	2
18	Wed. 19	5 ·70	19 ·40	3
19	Thur. 20	6 ·63	20 ·35	4
20	Fri. 21	7 ·59	21 ·32	5
21	Sat. 22	8 ·56	22 ·32	6
22	Sun. 23	9 ·55	23 ·33	7
23	Mon. 24	10 ·55	24 ·36	8
24	Tues. 25	11 ·58	25 ·40	9
25	Wed. 26	12 ·64	26 ·47	10
26	Thur. 27	13 ·72	27 ·57	11
27	Fri. 28	14 ·80	1 ·67	12
28	Sat. ○ 29	**P** ·88	2 ·77	13
29	Sun. 30	1 ·97	3 ·88	14
30	Mon. 31	... ...	4 ·98	15

Bahula. **Bhād.** *Śukla.* *Āśvina.* *Bahula.* *H.* 1041 *Rabī-ul awwal.* *Śukla.* **Kārttika.** *H.* 1041 *Rabī-ul ākhir.*

Prajāpati. Vṛśchika—Karttigai.

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
1	Tues. 1	2 ·05	... ...	16
2	Wed. 2	3 ·12	5 ·08	17
3	Thur. 3	4 ·16	6 ·15	18
4	Fri. 4	5 ·19	7 ·20	19
5	Sat. 5	6 ·20	8 ·23	20
6	Sun. 6	7 ·18	9 ·24	21
7	Mon. 7	8 ·16	10 ·23	22
8	Tues. 8	9 ·11	11 ·21	23
9	Wed. 9	10 ·04 / 11 ·96	12 ·17	24
10	Thur. 10	12 ·87	13 ·12	25
11	Fri. 11	13 ·77	14 ·06 / 15 ·99	26
12	Sat. 12	14 ·67	16 ·93	27
13	Sun. 13	**A** ·57	17 ·86	28
14	Mon. 14	1 ·48	18 ·79	29
15	Tues. 15	2 ·40	19 ·73	1
16	Wed. 16	3 ·32	20 ·69	2
17	Thur. 17	4 ·25	21 ·66	3
18	Fri. 18	5 ·21	22 ·65	4
19	Sat. 19	6 ·18	23 ·65	5
20	Sun. 20	7 ·17	24 ·67	6
21	Mon. 21	8 ·18	25 ·71	7
22	Tues. 22	9 ·23	26 ·79	8
23	Wed. 23	10 ·28	27 ·87	9
24	Thur. 24	11 ·35	1 ·96	10
25	Fri. 25	12 ·42	... ...	11
26	Sat. 26	13 ·52	2 ·07	12
27	Sun. 27	14 ·61	3 ·18	13
28	Mon. 28	**P** ·68	4 ·28	14
29	Tues. 29	1 ·75	5 ·38	15
30	Wed. 30	2 ·80	6 ·45	16
	Dec.			
1	Thur. 1	3 ·83	7 ·51	17
2	Fri. 2	4 ·83	8 ·55	18
3	Sat. 3	5 ·82	9 ·56	19
4	Sun. 4	6 ·79	10 ·54	20
5	Mon. 5	7 ·73	11 ·54	21
6	Tues. 6	8 ·67	12 ·51	22
7	Wed. 7	9 ·50	13 ·45	23
8	Thur. 8	10 ·50	14 ·39	24
9	Fri. 9	11 ·40	15 ·34	25
10	Sat. 10	12 ·30	16 ·26	26
11	Sun. 11	13 ·20	17 ·19	27
12	Mon. 12	14 ·10	18 ·13	28
13	Tues. 13	**A** ·02 / 1 ·95	19 ·07	29
14	Wed. 14	2 ·89	20 ·03 / 21 ·99	30
15	Thur. 15	3 ·84	22 ·97	1
16	Fri. 16	4 ·82	23 ·97	2
17	Sat. 17	5 ·81	24 ·99	3
18	Sun. 18	6 ·82	... ...	4
19	Mon. 19	7 ·87	25 ·02	5
20	Tues. 20	8 ·92	26 ·09	6
21	Wed. 21	... ...	27 ·17	7
22	Thur. 22	9 ·00	1 ·26	8
23	Fri. 23	10 ·08	2 ·37	9
24	Sat. 24	11 ·18	3 ·47	10
25	Sun. 25	12 ·26	4 ·59	11
26	Mon. 26	13 ·33	5 ·68	12
27	Tues. 27	14 ·40	6 ·76	13
28	Wed. 28	**P** ·44	7 ·82	14
29	Thur. 29	1 ·47	8 ·86	15
30	Fri. 30	2 ·48	9 ·89	16
31	Sat. 31	3 ·47	10 ·89	17

Bahula. *Śukla.* **Mārgaśīrsha.** **Pausha.** *Bahula.* *Śukla.* *H.* 1041 *Jamāda'l awwal.* *H.* 1041 *Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1632. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·27.** **Śaka 1554.** **Kaliyuga 4733.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·19** **(S. Cycle) Angiras.**

SOLAR reckoning.			LUNAR reckoning.									
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.					
Brahaspati. **Makara—Tai.**	**Jan.**		*Pausha.*									
3	Sun.	1		4 ·43	11	·87		18				
4	Mon.	2		5 ·38	12	·84		19				
5	Tues.	3		6 ·31	13	·79		20				
6	Wed.	4		7 ·23	14	·74		21				
7	Thur.	5		8 ·15	15	·67		22				
8	Fri.	6		9 ·05	16	·60		23				
				10 ·95								
9	Sat.	7		11 ·85	17	·53		24				
10	Sun.	8		12 ·76	18	·46		25				
11	Mon.	9		13 ·67	19	·41		26				
12	Tues.	10		14 ·60	20	·36		27				
13	Wed.	11		A ·54	21	·32		28				
14	Thur.	12		1 ·49	22	·30		29				
15	Fri.	13		2 ·47	23	·29		1				
16	Sat.	14		3 ·45	24	·30		2				
17	Sun.	15		4 ·48	25	·35		3				
18	Mon.	16		5 ·51	26	·40		4				
19	Tues.	17		6 ·57	27	·47		5				
20	Wed.	18		7 ·65	1	·56		6				
21	Thur.	19		8 ·75	2	·67		7				
22	Fri.	20		9 ·87	3	·78		8				
23	Sat.	21		10 ·91	4	·89		9				
24	Sun.	22		... ...	5	·98		10				
25	Mon.	23		11 ·00	...	...		11				
26	Tues.	24		12 ·06	6	·07		12				
27	Wed.	25		13 ·10	7	·13		13				
28	Thur.	26		14 ·11	8	·19		14				
29	Fri.	27		P ·12	9	·21		15				
1	Sat.	28		1 ·11	10	·22		16				
2	Sun.	29		2 ·07	11	·20		17				
3	Mon.	30		3 ·01	12	·17		18				
				4 ·94								
4	Tues.	31		5 ·86	13	·13		19				

SOLAR reckoning.			LUNAR reckoning.									
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.					
Brahaspati. **Kumbha—Māsi.**	**Feb.**		*Pausha.*									
5	Wed.	1		6 ·77	14	·07		20				
6	Thur.	2		7 ·67	15	·01		21				
7	Fri.	3		8 ·57	16	·94		22				
8	Sat.	4		9 ·47	17	·87		23				
9	Sun.	5		10 ·38	18	·80		24				
10	Mon.	6		11 ·29	19	·75		25				
11	Tues.	7		12 ·22	20	·69		26				
12	Wed.	8		13 ·16	21	·65		27				
13	Thur.	9		14 ·13	22	·62		28				
14	Fri.	10		A ·10	23	·61		29				
15	Sat.	11		1 ·08	24	·63		30				
16	Sun.	12		2 ·10	25	·66		1				
17	Mon.	13		3 ·14	26	·71		2				
18	Tues.	14		4 ·20	27	·78		3				
19	Wed.	15		5 ·28	1	·86		4				
20	Thur.	16		6 ·38	2	·97		5				
21	Fri.	17		7 ·46	...	...		6				
22	Sat.	18		8 ·54	3	·08		7				
23	Sun.	19		9 ·61	4	·19		8				
24	Mon.	20		10 ·67	5	·28		9				
25	Tues.	21		11 ·72	6	·37		10				
26	Wed.	22		12 ·78	7	·45		11				
27	Thur.	23		13 ·74	8	·50		12				
28	Fri.	24		14 ·72	9	·53		13				
29	Sat.	25		P ·68	10	·54		14				
30	Sun.	26		1 ·62	11	·53		15				
1	Mon.	27		2 ·55	12	·51		16				
2	Tues.	28		3 ·47	13	·47		17				
3	Wed.	29		4 ·38	14	·41		18				
4	Thur.	30		5 ·28	15	·35		19				

SOLAR reckoning.			LUNAR reckoning.									
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.					
Brahaspati. **Mina—Phalguni.**	**March.**		*Pausha.*									
4	Thur.	1		5 ·18	16	·18		19				
5	Fri.	2		6 ·18	17	·21		20				
6	Sat.	3		7 ·08	18	·15		21				
				8 ·98								
7	Sun	4		9 ·89	19	·08		22				
8	Mon.	5		10 ·82	20	·03		23				
					21	·98						
9	Tues.	6		11 ·76	22	·95		24				
10	Wed.	7		12 ·72	23	·94		25				
11	Thur.	8		13 ·69	24	·95		26				
12	Fri.	9		14 ·68	25	·97		27				
13	Sat.	10		A ·71	...	...		28				
14	Sun.	11		1 ·74	26	·02		29				
15	Mon.	12		2 ·80	27	·08		1				
16	Tues.	13		3 ·88	1	·17		2				
17	Wed.	14		4 ·97	2	·27		3				
18	Thur.	15		... ...	3	·38		4				
19	Fri.	16		5 ·04	4	·5		5				
20	Sat.	17		6 ·14	5	·58		6				
21	Sun.	18		7 ·20	6	·68		7				
22	Mon.	19		8 ·26	7	·75		8				
23	Tues.	20		9 ·30	8	·81		9				
24	Wed.	21		10 ·32	9	·85		10				
25	Thur.	22		11 ·32	10	·86		11				
26	Fri.	23		12 ·30	11	·85		12				
27	Sat	24		13 ·26	12	·84		13				
28	Sun.	25		14 ·20	13	·80		14				
29	Mon.	26		P ·13	14	·75		15				
30	Tues.	27		1 ·01	15	·69		16				
				2 ·94								
1	Wed.	28		3 ·84	16	·62		17				
2	Thur.	29		4 ·74	17	·56		18				
3	Fri.	30		5 ·64	18	·49		19				
4	Sat.	31		6 ·55	19	·42		20				

SOLAR reckoning.			LUNAR reckoning.									
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.					
Brahaspati. **Mēsha—Chittirai.**	**April.**		*Phalguna.*									
5	Sun.	1		7 ·46	20	·36		21				
6	Mon.	2		8 ·38	21	·31		22				
7	Tues.	3		9 ·32	22	·29		23				
8	Wed.	4		10 ·28	23	·27		24				
9	Thur.	5		11 ·25	24	·27		25				
10	Fri.	6		12 ·25	25	·29		26				
11	Sat.	7		13 ·26	26	·33		27				
12	Sun.	8		14 ·30	27	·40		28				
13	Mon. ●	9		A ·35	1	·45		29				
14	Tues.	10		1 ·43	2	·57		30				
15	Wed.	11		2 ·52	3	·67		1				
16	Thur.	12		3 ·60	4	·78		2				
17	Fri.	13		4 ·68	5	·89		3				
18	Sat.	14		5 ·75	6	·99		4				
19	Sun.	15		6 ·81	...	...		5				
20	Mon.	16		7 ·85	7	·07		6				
21	Tues.	17		8 ·86	8	·13		7				
22	Wed.	18		9 ·86	9	·16		8				
23	Thur.	19		10 ·84	10	·18		9				
24	Fri.	20		11 ·81	11	·19		10				
25	Sat.	21		12 ·74	12	·17		11				
26	Sun.	22		13 ·66	13	·13		12				
27	Mon.	23		14 ·57	14	·08		13				
28	Tues. ○	24		P ·48	15	·02		14				
					16	·97						
29	Wed.	25		1 ·38	17	·90		15				
30	Thur.	26		2 ·28	18	·83		16				
31	Fri.	27		3 ·18	19	·76		17				
1	Sat.	28		4 ·08	20	·70		18				
				5 ·99								
2	Sun.	29		6 ·91	21	·66		19				
3	Mon.	30		7 ·85	22	·62		20				

SOLAR reckoning.			LUNAR reckoning.									
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.					
Angiras. **Vrishabha—Vaigāsi.**	**May.**		*Chaitra.*									
4	Tues.	1		8 ·81	23	·59		21				
5	Wed	2		9 ·78	24	·59		22				
6	Thur.	3		10 ·77	25	·60		23				
7	Fri.	4		11 ·78	26	·64		24				
8	Sat.	5		12 ·83	27	·70		25				
9	Sun.	6		13 ·88	1	·78		26				
10	Mon.	7		14 ·94	2	·87		27				
11	Tues.	8		... ...	3	·97		28				
12	Wed.	9		A ·02	...	...		29				
13	Thur.	10		1 ·11	4	·08		1				
14	Fri.	11		2 ·19	5	·19		2				
15	Sat.	12		3 ·26	6	·29		3				
16	Sun.	13		4 ·32	7	·37		4				
17	Mon.	14		5 ·35	8	·44		5				
18	Tues.	15		6 ·38	9	·48		6				
19	Wed.	16		7 ·37	10	·51		7				
20	Thur.	17		8 ·35	11	·51		8				
21	Fri.	18		9 ·31	12	·50		9				
22	Sat.	19		10 ·24	13	·47		10				
23	Sun.	20		11 ·17	14	·42		11				
24	Mon.	21		12 ·08	15	·37		12				
				13 ·98								
25	Tues.	22		14 ·88	16	·31		13				
26	Wed	23		P ·78	17	·23		14				
27	Thur.	24		1 ·68	18	·16		15				
28	Fri.	25		2 ·58	19	·10		16				
29	Sat.	26		3 ·49	20	·04		17				
					21	·99						
30	Sun.	27		4 ·41	22	·95		18				
31	Mon.	28		5 ·35	23	·92		19				
32	Tues.	29		6 ·30	24	·91		20				
1	Wed.	30		7 ·28	25	·92		21				
2	Thur.	31		8 ·26	26	·96		22				

SOLAR reckoning.			LUNAR reckoning.									
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.					
Angiras. **Mithuna—Āni.**	**June.**		*Vaiśākha.*									
3	Fri	1		9 ·28	...	...		23				
4	Sat.	2		10 ·31	27	·01		24				
5	Sun	3		11 ·35	1	·08		25				
6	Mon.	4		12 ·42	2	·17		26				
7	Tues	5		13 ·50	3	·27		27				
8	Wed	6		14 ·58	4	·39		28				
9	Thur	7		A ·63	5	·49		29				
10	Fri.	8		1 ·74	6	·59		30				
11	Sat.	9		2 ·80	7	·68		1				
12	Sun.	10		3 ·83	8	·74		2				
13	Mon.	11		4 ·86	9	·80		3				
14	Tues.	12		5 ·85	10	·83		4				
15	Wed.	13		6 ·83	11	·84		5				
16	Thur.	14		7 ·78	12	·83		6				
17	Fri.	15		8 ·73	13	·80		7				
18	Sat.	16		9 ·65	14	·76		8				
19	Sun.	17		10 ·57	15	·71		9				
20	Mon.	18		11 ·47	16	·64		10				
21	Tues.	19		12 ·37	17	·57		11				
22	Wed.	20		13 ·27	18	·50		12				
23	Thur.	21		14 ·17	19	·43		13				
24	Fri.	22		P ·07	20	·37		14				
				1 ·98								
25	Sat	23		2 ·90	21	·32		15				
26	Sun.	24		3 ·83	22	·28		16				
27	Mon.	25		4 ·78	23	·25		17				
28	Tues.	26		5 ·75	24	·23		18				
29	Wed	27		6 ·74	25	·25		19				
30	Thur.	28		7 ·76	26	·27		20				
31	Fri.	29		8 ·78	27	·32		21				
1	Sat.	30		9 ·84	1	·39		22				

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4 Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1632. **Kollam 808.** { N. Malabar—Sep. S. Malabar—Aug. } **Hijra 1042.** **Vikrama 1689.**
A—Amāvāsyā. Commences Commences July 9. **Bengal San. 1038.**
P—Paurnimā. **(N. Cycle) Vṛisha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Āngiras. **Karkaṭaka—Ādi.**						*Āngiras.* **Kanyā—Puraṭṭāsi.**						*Āngiras.* **Vṛiśchika—Kārttigai.**					
2	Sun.	1	10 ·90	2 ·47	23	1	Sat.	1	12 ·31	9 ·74	25	2	Thur.	1	14 ·32	15 ·39	27
3	Mon.	2	11 ·97	3 ·58	24	2	Sun.	2	13 ·34	10 ·78	26	3	Fri.	2	—**A** ·24	16 ·84	28
4	Tues.	3	... ...	4 ·69	25	3	Mon.	3	14 ·34	11 ·80	27	4	Sat.	3	1 ·15	17 ·27	—29
5	Wed.	4	12 ·06	5 ·79	26	4	Tues.	4	—**A** ·32	12 ·81	28				{ 2 ·05		
6	Thur.	5	13 ·14	6 ·89	27	5	Wed.	5	1 ·28	13 ·80	—29	5	Sun.	4	{ 3 ·95	18 ·21	1
7	Fri.	6	14 ·22	7 ·98	28	6	Thur.	6	2 ·23	14 ·76	1	6	Mon.	5	4 ·86	19 ·14	2
8	Sat.	7	—**A** ·27	... ...	29	7	Fri.	7	3 ·17	15 ·71	2	7	Tues.	6	5 ·77	20 ·07	3
9	Sun.	8	1 ·32	8 ·05	—30				{ 4 ·08							21 ·01	
10	Mon.	9	2 ·34	9 ·12	1	8	Sat.	8	{ 5 ·99	16 ·65	3	*Śukla.* 8	Wed.	7	6 ·68	{ 22 ·95	4
11	Tues.	10	3 ·33	10 ·15	2	9	Sun.	9	6 ·89	17 ·60	4	9	Thur.	8	7 ·60	23 ·90	5
12	Wed.	11	4 ·31	11 ·16	3	10	Mon.	10	7 ·79	18 ·53	5	10	Fri.	9	8 ·54	24 ·87	6
13	Thur.	12	5 ·26	12 ·15	4	11	Tues.	11	8 ·69	19 ·46	6	11	Sat.	10	9 ·49	25 ·86	7
14	Fri.	13	6 ·21	13 ·14	5	12	Wed.	12	9 ·59	20 ·39	7	12	Sun.	11	10 ·47	26 ·87	8
15	Sat.	14	7 ·13	14 ·10	6	13	Thur.	13	10 ·50	21 ·33	8	13	Mon.	12	11 ·46	27 ·89	9
Śukla. 16	Sun.	15	{ 8 ·05	15 ·04	7	14	Fri.	14	11 ·42	22 ·28	9	14	Tues.	13	12 ·47	1 ·93	10
			{ 9 ·96	16 ·98		15	Sat.	15	12 ·36	23 ·24	10	15	Wed.	14	13 ·51	... ...	11
17	Mon.	16	10 ·86	17 ·91	8	16	Sun.	16	13 ·30	24 ·22	11	16	Thur.	15	14 ·57	2 ·00	12
18	Tues.	17	11 ·76	18 ·84	9	17	Mon.	17	14 ·27	25 ·21	12	17	Fri.	16	**P** ·64	3 ·08	13
19	Wed.	18	12 ·66	19 ·78	10	18	Tues.	18	**P** ·27	26 ·22	13	18	Sat.	17	1 ·72	4 ·19	14
20	Thur.	19	13 ·56	20 ·72	11	19	Wed.	19	1 ·28	27 ·26	14	19	Sun.	18	2 ·81	5 ·29	15
21	Fri.	20	14 ·46	21 ·66	12	20	Thur.	20	2 ·31	1 ·32	15	20	Mon.	19	3 ·89	6 ·40	16
22	Sat.	21	**P** ·38	22 ·61	13	21	Fri.	21	3 ·36	2 ·39	16	21	Tues.	20	4 ·97	7 ·50	17
23	Sun.	22	1 ·31	23 ·57	14	22	Sat.	22	4 ·42	3 ·48	17	22	Wed.	21	... ...	8 ·59	18
24	Mon.	23	2 ·26	24 ·57	15	23	Sun.	23	5 ·50	4 ·58	18	23	Thur.	22	5 ·04	9 ·68	19
25	Tues.	24	3 ·23	25 ·57	16	24	Mon.	24	6 ·58	5 ·68	19	24	Fri.	23	6 ·10	10 ·78	20
26	Wed.	25	4 ·23	26 ·59	17	25	Tues.	25	7 ·67	6 ·80	20	25	Sat.	24	7 ·12	11 ·77	21
27	Thur.	26	5 ·24	27 ·63	18	26	Wed.	26	8 ·75	7 ·90	21	26	Sun.	25	8 ·11	12 ·78	22
28	Fri.	27	6 ·26	1 ·69	19	27	Thur.	27	9 ·82	8 ·98	22	27	Mon.	26	9 ·10	13 ·78	23
29	Sat.	28	7 ·31	2 ·78	20	28	Fri.	28	10 ·86	... ...	23	—28	Tues.	27	10 ·06	14 ·76	24
30	Sun.	29	8 ·38	3 ·88	21	29	Sat.	29	11 ·89	9 ·05	24				{ 11 ·01		
31	Mon.	30	9 ·46	4 ·98	22	—30	Sun.	30	12 ·90	10 ·10	25	29	Wed.	28	{ 12 ·94	15 ·72	25
—32	Tues.	31	10 ·54	... ...	23							1	Thur.	29	13 ·86	16 ·67	26
												2	Fri.	30	14 ·77	17 ·61	27
	Aug.						**Oct.**						**Dec.**				
Āngiras. **Siṁha—Āvaṇi.**						*Āngiras.* **Tulā—Aippasi.**						*Āngiras.* **Dhanus—Mārgali.**					
1	Wed.	1	11 ·62	5 ·09	24	1	Mon.	1	13 ·88	11 ·13	26	3	Sat.	1	—**A** ·68	18 ·54	28
2	Thur.	2	12 ·69	6 ·19	25	2	Tues.	2	14 ·84	12 ·14	27	4	Sun.	2	1 ·58	19 ·47	29
3	Fri.	3	13 ·75	7 ·29	26	3	Wed.	3	—**A** ·79	13 ·12	28	5	Mon.	3	2 ·48	20 ·41	—30
4	Sat.	4	14 ·80	8 ·37	27	4	Thur.	4	1 ·72	14 ·09	29	6	Tues.	4	3 ·39	21 ·35	1
5	Sun.	5	—**A** ·82	9 ·43	28	5	Fri.	5	2 ·64	15 ·05	—30	7	Wed.	5	4 ·30	22 ·29	2
6	Mon.	6	1 ·82	10 ·47	29					16 ·00		8	Thur.	6	5 ·23	23 ·24	3
7	Tues.	7	2 ·80	11 ·48	—30	6	Sat.	6	3 ·55	{ 17 ·94	1	9	Fri.	7	6 17	24 ·20	4
8	Wed.	8	3 ·76	12 ·48	1	7	Sun.	7	4 ·45	18 ·87	2	10	Sat.	8	7 ·13	25 ·19	5
9	Thur.	9	4 ·71	13 ·47	2	8	Mon.	8	5 ·35	19 ·80	3	11	Sun.	9	8 ·11	26 ·19	6
10	Fri.	10	5 ·63	14 ·43	3	9	Tues.	9	6 ·25	20 ·73	4	12	Mon.	10	9 ·10	27 ·21	7
11	Sat.	11	6 ·55	15 ·38	4	10	Wed.	10	7 ·15	21 ·67	5	13	Tues.	11	10 ·12	1 ·24	8
12	Sun.	12	7 ·46	16 ·32	5	11	Thur.	11	{ 8 ·07	22 ·62	6	14	Wed.	12	11 ·15	2 ·30	9
13	Mon.	13	8 ·36	17 ·25	6				{ 9 ·99			15	Thur.	13	12 ·22	3 ·39	10
14	Tues.	14	9 ·26	18 ·19	7	12	Fri.	12	10 ·93	23 ·57	7	16	Fri.	14	13 ·29	4 ·49	11
15	Wed.	15	10 ·16	19 ·12	8	13	Sat.	13	11 ·88	24 ·54	8	17	Sat.	15	14 ·37	5 ·59	12
16	Thur.	16	{ 11 ·06	20 ·05	9	14	Sun.	14	12 ·86	25 ·53	9	18	Sun.	16	**P** ·47	6 ·69	13
			{ 12 ·97	21 ·99		15	Mon.	15	13 ·85	26 ·54	10	19	Mon.	17	1 ·55	7 ·80	14
17	Fri.	17	13 ·89	22 ·94	10	16	Tues.	16	14 ·86	27 ·58	11	20	Tues.	18	2 ·63	8 ·90	15
18	Sat.	18	14 ·82	23 ·91	11	17	Wed. ○	17	**P** ·89	1 ·63	12	21	Wed.	19	3 ·69	9 ·98	16
19	Sun.	19	**P** ·77	24 ·89	12	18	Thur.	18	1 ·94	2 ·69	13	22	Thur.	20	4 ·74	... ...	17
20	Mon.	20	1 ·74	25 ·89	13	19	Fri.	19	... ...	3 ·78	14	23	Fri.	21	5 ·76	10 ·04	18
21	Tues.	21	2 ·73	26 ·90	14	20	Sat.	20	2 ·01	4 ·88	15	24	Sat.	22	6 ·76	11 ·08	19
22	Wed.	22	3 ·73	27 ·94	15	21	Sun.	21	3 ·08	5 ·99	16	25	Sun.	23	7 ·75	12 ·10	20
23	Thur.	23	4 ·77	... ...	16	22	Mon.	22	4 ·18	... ..	17	26	Mon.	24	8 ·71	13 ·11	21
24	Fri.	24	5 ·82	1 ·01	17	23	Tues.	23	5 ·27	6 ·10	18	27	Tues.	25	9 ·65	14 ·09	22
25	Sat.	25	6 ·88	2 ·09	18	24	Wed.	24	6 ·35	7 ·20	19	28	Wed.	26	10 ·58	15 ·06	23
26	Sun.	26	7 ·96	3 ·18	19	25	Thur.	25	7 ·41	8 ·29	20	29	Thur.	27	11 ·51	{ 16 ·01	24
27	Mon.	27	... ...	4 ·28	20	26	Fri.	26	8 ·45	9 ·36	21					{ 17 ·95	
28	Tues.	28	8 ·04	5 ·39	21	27	Sat.	27	9 ·49	10 ·42	22	—30	Fri.	28	12 ·41	18 ·88	25
29	Wed.	29	9 ·13	6 ·50	22	28	Sun.	28	10 ·49	11 ·45	23	1	Sat.	29	13 ·31	19 ·82	26
30	Thur.	30	10 ·20	7 ·60	23	29	Mon.	29	11 ·48	12 ·46	24	2	Sun.	30	14 ·22	20 ·75	27
—31	Fri.	31	11 ·27	8 ·68	24	—30	Tues.	30	12 ·43	13 ·45	25	3	Mon.	31	—**A** ·13	21 ·68	28
						1	Wed.	31	13 ·38	14 ·42	26						

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1633. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·53.** **Śaka 1555.** **Kaliyuga 4734.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·45.** **(S. Cycle) Śrīmukha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Āngiras. **Makara—Tai.** 4	Tues.	1	1 03 / 2 ·94	22 ·62	—29	4	Fri.	1	1 ·02	26 ·15	—29	4	Wed.	1	3 ·27	5 ·09	2
5	Wed.	2	3 ·87	23 ·57	1	5	Sat.	2	2 ·00 / 3 ·99	27 ·17	1	5	Thur.	2	4 ·35	6 ·19	3
6	Thur.	3	4 ·81	24 ·54	2	6	Sun.	3	... ...	1 ·19	2	6	Fri.	3	5 ·44	7 ·30	4
7	Fri.	4	5 ·78	25 ·52	3	7	Mon.	4	4 ·01	2 ·24	3	7	Sat.	4	6 ·51	8 ·40	5
8	Sat.	5	6 ·75	26 ·51	4	8	Tues.	5	5 ·05	3 ·30	4	8	Sun.	5	7 ·58	9 ·51	6
9	Sun.	6	7 ·75	27 ·52	5	9	Wed.	6	6 ·10	4 ·39	5	9	Mon.	6	8 ·64	10 ·59	7
10	Mon.	7	8 ·76	1 ·56	6	10	Thur.	7	7 ·18	5 ·49	6	10	Tues.	7	9 ·69	11 ·66	8
11	Tues.	8	9 ·81	2 ·62	7	11	Fri.	8	8 ·27	6 ·60	7	11	Wed.	8	10 ·70	12 ·70	9
12	Wed.	9	10 ·86	3 ·69	8	12	Sat.	9	9 ·36	7 ·70	8	12	Thur.	9	11 ·69	13 ·72	10
13	Thur.	10	11 ·94	4 ·78	9	13	Sun.	10	10 ·44	8 ·81	9	13	Fri.	10	12 ·67	14 ·73	11
14	Fri.	11	... ...	5 ·89	10	14	Mon.	11	11 ·51	9 ·90	10	14	Sat.	11	13 ·62	15 ·72	12
15	Sat.	12	12 ·03	6 ·99	11	15	Tues.	12	12 ·57	10 ·97	11	15	Sun.	12	14 ·56	16 ·69	13
16	Sun.	13	13 ·12	... ...	12	16	Wed.	13	13 ·61	... ...	12	16	Mon.	13	P ·48	17 ·64	14
17	Mon.	14	14 ·21	7 ·10	13	17	Thur.	14	14 ·63	11 ·03	13	17	Tues.	14	1 ·39	18 ·58	15
18	Tues.	15	P ·28	8 ·20	14	18	Fri.	15	P ·62	12 ·07	14	18	Wed.	15	2 ·29	19 ·51	16
19	Wed.	16	1 ·35	9 ·29	15	19	Sat.	16	1 ·60	13 ·08	15	19	Thur.	16	3 ·19	20 ·45	17
20	Thur.	17	2 ·38	10 ·35	16	20	Sun.	17	2 ·55	14 ·07	16	20	Fri.	17	4 ·09 / 5 ·99	21 ·38	18
21	Fri.	18	3 ·40	11 ·40	17	21	Mon.	18	3 ·50	15 ·05	17	21	Sat.	18	6 ·89	22 ·31	19
22	Sat.	19	4 ·41	12 ·42	18	22	Tues.	19	4 ·42	16 ·02 / 17 ·97	18	22	Sun.	19	7 ·80	23 ·25	20
23	Sun.	20	5 ·39	13 ·44	19							23	Mon.	20	8 ·73	24 ·20	21
24	Mon.	21	6 ·35	14 ·42	20	23	Wed.	20	5 ·33	18 ·91	19	24	Tues.	21	9 ·67	25 ·17	22
25	Tues.	22	7 ·29	15 ·39	21	24	Thur.	21	6 ·24	19 ·84	20	25	Wed.	22	10 ·63	26 ·14	23
26	Wed.	23	8 ·22	16 ·34	22	25	Fri.	22	7 ·14	20 ·77	21	26	Thur.	23	11 ·59	27 ·13	24
27	Thur.	24	9 ·14	17 ·29	23	26	Sat.	23	8 ·04 / 9 ·94	21 ·71	22	27	Fri.	24	12 ·59	1 ·14	25
28	Fri.	25	10 ·04 / 11 ·94	18 ·23	24	27	Sun.	24	10 ·85	22 ·64	23	28	Sat.	25	13 ·60	2 ·17	26
—29	Sat.	26	12 ·85	19 ·16	25	28	Mon.	25	11 ·76	23 ·53	24	29	Sun.	26	14 ·63	3 ·23	27
1	Sun.	27	13 ·75	20 ·09	26	29	Tues.	26	12 ·68	24 ·53	25	30	Mon.	27	—A ·69	4 ·30	28
2	Mon.	28	14 ·66	21 ·02 / 22 ·96	27	—30	Wed.	27	13 ·63	25 ·50	26	31	Tues.	28	1 ·76	5 ·39	29
3	Tues.	29	—A ·57	23 ·91	28	1	Thur	28	14 ·59	26 ·49	27	—32	Wed.	29	2 ·85	6 ·49	—30
4	Wed.	30	1 ·51	24 ·87	29	2	Fri.	29	—A ·57	27 ·49	28	1	Thur.	30	3 ·93	7 ·60	1
5	Thur.	31	2 ·46	25 ·84	—30	3	Sat.	30	1 ·56	1 ·51	29	2	Fri.	31	... ...	8 ·71	2
	Feb.					4	Sun.	31	2 ·58	2 ·55	—30						
Āngiras. **Kumbha—Māsi.** 6	Fri.	1	3 ·41	26 ·83	1		**April.**						**June.**				
7	Sat.	2	4 ·38	27 ·84	2	5	Mon.	1	3 ·61	3 ·61	1	3	Sat.	1	4 ·00	9 ·81	3
8	Sun.	3	5 ·38	1 ·88	3	6	Tues.	2	4 ·67	4 ·69	2	4	Sun.	2	5 ·07	10 ·90	4
9	Mon.	4	6 ·41	2 ·93	4	7	Wed.	3	5 ·75	5 ·79	3	5	Mon.	3	6 ·12	11 ·97	5
10	Tues.	5	7 ·45	... ...	5	8	Thur.	4	6 ·83	6 ·90	4	6	Tues.	4	7 ·16	... ...	6
11	Wed	6	8 ·50	3 ·00	6	9	Fri.	5	7 ·92	... ...	5	7	Wed.	5	8 ·18	12 ·01	7
12	Thur.	7	9 ·58	4 ·09	7	10	Sat.	6	... ...	7 ·09	6	8	Thur.	6	9 ·18	13 ·05	8
13	Fri.	8	10 ·66	5 ·18	8	11	Sun.	7	8 ·00	8 ·11	7	9	Fri.	7	10 ·15	14 ·06	9
14	Sat.	9	11 ·75	6 ·30	9	12	Mon.	8	9 ·07	9 ·20	8	10	Sat.	8	11 ·11	15 ·05	10
15	Sun.	10	12 ·84	7 ·41	10	13	Tues.	9	10 ·12	10 ·29	9	11	Sun.	9	12 ·05 / 13 ·98	16 ·02 / 17 ·97	11
16	Mon.	11	13 ·91	8 ·51	11	14	Wed.	10	11 ·16	11 ·35	10	12	Mon.	10	14 ·88	18 ·92	12
17	Tues.	12	14 ·97	9 ·59	12	15	Thur.	11	12 ·18	12 ·38	11	13	Tues.	11	P ·78	19 ·86	13
18	Wed.	13	... ...	10 ·66	13	16	Fri.	12	13 ·17	13 ·40	12	14	Wed.	12	1 ·68	20 ·79	14
19	Thur.	14	P ·01	11 ·71	14	17	Sat.	13	14 ·15	14 ·40	13	15	Thur.	13	2 ·58	21 ·72	15
20	Fri.	15	1 ·04	12 ·75	15	18	Sun.	14	P ·10	15 ·39	14	16	Fri.	14	3 ·48	22 ·65	16
21	Sat.	16	2 ·03	13 ·76	16	19	Mon.	15	1 ·04 / 2 ·96	16 ·35	15	17	Sat.	15	4 ·38	23 ·59	17
22	Sun.	17	3 ·01 / 4 ·96	14 ·75	17	20	Tues.	16	3 ·88	17 ·30	16	18	Sun.	16	5 ·29	24 ·54	18
23	Mon.	18	5 ·90	15 ·72	18	21	Wed.	17	4 ·78	18 ·24	17	19	Mon.	17	6 ·21	25 ·50	19
24	Tues.	19	6 ·83	16 ·68	19	22	Thur.	18	5 ·68	19 ·18	18	20	Tues.	18	7 ·15	26 ·47	20
25	Wed.	20	7 ·75	17 ·63	20	23	Fri.	19	6 ·58	20 ·12	19	21	Wed.	19	8 ·10	27 ·45	21
26	Thur.	21	8 ·66	18 ·57	21	24	Sat.	20	7 ·48	21 ·05 / 22 ·98	20	22	Thur.	20	9 ·07	1 ·46	22
27	Fri.	22	9 ·56	19 ·50	22	25	Sun	21	8 ·38	23 ·92	21	23	Fri.	21	10 ·07	2 ·49	23
28	Sat.	23	10 ·46	20 ·43	23	26	Mon.	22	9 ·29	24 ·86	22	24	Sat.	22	11 ·08	3 ·54	24
29	Sun.	24	11 ·36	21 ·36	24	27	Tues.	23	10 ·22	25 ·83	23	25	Sun	23	12 ·11	4 ·61	25
—30	Mon.	25	12 ·26	22 ·30	25	28	Wed.	24	11 ·16	26 ·81	24	26	Mon.	24	13 ·16	5 ·69	26
1	Tues.	26	13 ·18	23 ·25	26	29	Thur.	25	12 ·13	27 ·81	25	27	Tues.	25	14 ·23	6 ·79	27
2	Wed.	27	14 ·11	24 ·20	27	30	Fri.	26	13 ·10	1 ·82	26	28	Wed.	26	—A ·31	7 ·91	28
3	Thur	28	A ·06	25 ·17	28	—31	Sat.	27	14 ·09	2 ·86	27	29	Thur.	27	1 ·39	... ...	—29
						1	Sun.	28	—A ·11	3 ·92	28	30	Fri.	28	2 ·48	8 ·01	1
						2	Mon.	29	1 ·14	... ...	—29	—31	Sat.	29	3 ·55	9 ·11	2
						3	Tues.	30	2 ·20	4 ·00	1	1	Sun.	30	4 ·61	10 ·20	3

Śrīmukha. **Vrishabha—Vaigāśi.** *Śukla.* **Nija Vaiśākha.** *Bahula.*

Śrīmukha. **Mithuna—Āni.** *Śukla.* **Jyeshṭha.** *Bahula.*

Āngiras. **Mīna—Panguni.** *Śukla.* **Chaitra.** *Bahula.*

Śrīmukha. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.*

Āngiras. **Kumbha—Māsi.** *Śukla.* **Phālguna.** *Bahula.*

H. 1042 *Rajab.* *H.* 1042 *Ramazān.* *H.* 1042 *Shawwāl.* *H.* 1042 *Zi-l-ka'da.* *H.* 1042 *Zi-l-hijja.* *H.* 1042 *Shaʻbān.*

Nakshatras:—1 Aśvin. 2. Bhar 3 Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1633. **Kollam 809,** { **N. Malabar—Sep.** **Hijra 1043.** **Vikrama 1690.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 28.** **Bengal San. 1039.**
P—Paurnimā. **(N. Cycle) Chitrabhānu.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Śrīmukha. **Karkataka—Ādi.**	**July.**			
2	Mon. 1	5 ·64	11 ·27	4
3	Tues. 2	6 ·66	12 ·33	5
4	Wed. 3	7 ·65	13 ·37	6
5	Thur. 4	8 ·63	14 ·38	7
6	Fri. 5	9 ·59	15 ·37	8
7	Sat. 6	10 ·53	16 ·35	9
8	Sun. 7	11 ·45	17 ·31	10
9	Mon. 8	12 ·36	18 ·26	11
10	Tues. 9	13 ·26	19 ·20	12
11	Wed. 10	14 ·16	20 ·13	13
12	Thur. 11	P ·06	21 ·06	14
13	Fri. 12	1 ·96	22 ·99	15
14	Sat. 13	2 ·86	23 ·93	16
15	Sun. 14	3 ·77	24 ·88	17
16	Mon. 15	4 ·69	25 ·83	18
17	Tues. 16	5 ·63	26 ·79	19
18	Wed. 17	6 ·58	27 ·78	20
19	Thur. 18	7 ·56	1 ·79	21
20	Fri. 19	8 ·55	2 ·81	22
21	Sat. 20	9 ·56	3 ·85	23
22	Sun. 21	10 ·58	4 ·91	24
23	Mon. 22	11 ·63	5 ·99	25
24	Tues. 23	12 ·70	... ...	26
25	Wed. 24	13 ·78	6 ·10	27
26	Thur. 25	14 ·87	7 ·20	28
27	Fri. 26	A ·95	8 ·31	29
28	Sat. 27	... ...	9 ·41	—30
29	Sun. 28	1 ·02	10 ·50	1
30	Mon. 29	2 ·08	11 ·58	2
31	Tues. 30	3 ·12	12 ·65	3
—32	Wed. 31	4 ·15	13 ·69	4
		Śukla.	*Śukla.*	
	Aug.			
1	Thur. 1	5 ·14	14 ·70	5
2	Fri. 2	6 ·12	15 ·70	6
3	Sat. 3	7 ·08	16 ·68	7
4	Sun. 4	8 ·02	17 ·65	8
5	Mon. 5	9 ·95	18 ·60	9
6	Tues. 6	10 ·86	19 ·54	10
7	Wed. 7	11 ·76	20 ·47	11
8	Thur. 8	12 ·66	21 ·40	12
9	Fri. 9	13 ·56	22 ·34	13
10	Sat. 10	14 ·46	23 ·27	14
11	Sun. 11	P ·26	24 ·21	15
12	Mon. 12	1 ·27	25 ·16	16
13	Tues. 13	2 ·19	26 ·12	17
14	Wed. 14	3 ·13	27 ·11	18
15	Thur. 15	4 ·08	1 ·11	19
16	Fri. 16	5 ·06	2 ·12	20
17	Sat. 17	6 ·04	3 ·16	21
18	Sun. 18	7 ·05	4 ·22	22
19	Mon. 19	8 ·08	5 ·30	23
20	Tues. 20	9 ·14	6 ·40	24
21	Wed. 21	10 ·21	7 ·50	25
22	Thur. 22	11 ·28	8 ·61	26
23	Fri. 23	12 ·36	9 ·71	27
24	Sat. 24	13 ·45	10 ·81	28
25	Sun. 25	14 ·53	11 ·90	—29
26	Mon. 26	A ·59	12 ·98	1
27	Tues. 27	1 ·63	.. ...	2
28	Wed. 28	2 ·66	13 ·00	3
29	Thur. 29	3 ·65	14 ·02	4
30	Fri. 30	4 ·63	15 ·02	5
—31	Sat. 31	5 ·59	16 ·02	6
		Sukla.	*Sukla.*	
		6 ·54	17 ·98	
			18 ·93	

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Śrīmukha. **Kanyā—Purattāśi.**	**Sep.**			
1	Sun. 1	8 ·38	19 ·87	7
2	Mon. 2	9 ·28	20 ·81	8
3	Tues. 3	10 ·18	21 ·75	9
4	Wed. 4	11 ·08	22 ·68	10
5	Thur. 5	12 ·98	23 ·61	11
6	Fri. 6	13 ·89	24 ·55	12
7	Sat. 7	14 ·80	25 ·49	13
8	Sun. 8	P ·73	26 ·46	14
9	Mon. 9	1 ·66	27 ·44	15
10	Tues. 10	2 ·61	1 ·43	16
11	Wed. 11	3 ·58	2 ·44	17
12	Thur. 12	4 ·57	3 ·47	18
13	Fri. 13	5 ·58	4 ·53	19
14	Sat. 14	6 ·61	5 ·61	20
15	Sun. 15	7 ·67	6 ·70	21
16	Mon. 16	8 ·73	7 ·80	22
17	Tues. 17	9 ·81	8 ·90	23
18	Wed. 18	10 ·90	... ...	24
19	Thur. 19	11 ·98	9 ·01	25
20	Fri. 20	... ...	10 ·12	26
21	Sat. 21	12 ·06	11 ·20	27
22	Sun. 22	13 ·13	12 ·27	28
23	Mon. 23	14 ·17	13 ·32	29
24	Tues. 24	A ·19	14 ·34	—30
25	Wed. 25	1 ·20	15 ·36	1
26	Thur. 26	2 ·18	16 ·34	2
27	Fri. 27	3 ·14	17 ·31	3
28	Sat. 28	4 ·09	18 ·27	4
29	Sun. 29	5 ·01	19 ·22	5
—30	Mon. 30	6 ·93	20 ·16	6
		Bahula.	*Bahula.*	
	Oct.			
1	Tues. 1	7 ·84	21 ·09	7
2	Wed. 2	8 ·74	22 ·02	8
3	Thur. 3	9 ·64	23 ·95	9
4	Fri. 4	10 ·54	24 ·88	10
5	Sat. 5	11 ·45	25 ·83	11
6	Sun. 6	12 ·36	26 ·79	12
7	Mon. 7	13 ·29	27 ·76	13
8	Tues. 8	14 ·22	1 ·75	14
9	Wed. 9	P ·18	2 ·76	15
10	Thur. 10	1 ·15	3 ·79	16
11	Fri. 11	2 ·15	4 ·85	17
12	Sat. 12	3 ·15	5 ·91	18
13	Sun. 13	4 ·18	.. ...	19
14	Mon. 14	5 ·25	6 ·00	20
15	Tues. 15	6 ·32	7 ·10	21
16	Wed. 16	7 ·40	8 ·20	22
17	Thur. 17	8 ·48	9 ·32	23
18	Fri. 18	9 ·57	10 ·42	24
19	Sat. 19	10 ·65	11 ·51	25
20	Sun. 20	11 ·71	12 ·58	26
21	Mon. 21	12 ·75	13 ·63	27
22	Tues. 22	13 ·78	14 ·67	28
23	Wed. 23	14 ·79	15 ·68	—29
24	Thur. 24	A ·77	16 ·67	1
25	Fri. 25	1 ·73	17 ·64	2
26	Sat. 26	2 ·68	18 ·60	3
27	Sun. 27	3 ·60	19 ·56	4
28	Mon. 28	4 ·52	20 ·49	5
29	Tues. 29	5 ·43	21 ·43	6
—30	Wed. 30	6 ·34	22 ·36	7
1	Thur. 31	7 ·24	23 ·28	8
		Sukla.	*Sukla.*	
		8 ·14	24 ·22	
		9 ·04		
		10 ·96		

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Śrīmukha. **Vṛiśchika—Kārttigai.**	**Nov.**			
2	Fri. 1	11 ·89	25 ·17	9
3	Sat. 2	12 ·82	26 ·12	10
4	Sun. 3	13 ·78	27 ·09	11
5	Mon. 4	14 ·75	1 ·08	12
6	Tues. 5	P ·75	2 ·08	13
7	Wed. 6	1 ·76	3 ·11	14
8	Thur. 7	2 ·80	4 ·15	15
9	Fri. 8	3 ·86	5 ·22	16
10	Sat. 9	4 ·92	6 ·30	17
11	Sun. 10	... ...	7 ·40	18
12	Mon. 11	5 ·01	8 ·51	19
13	Tues. 12	6 ·10	9 ·62	20
14	Wed. 13	7 ·19	10 ·72	21
15	Thur. 14	8 ·26	11 ·81	22
16	Fri. 15	9 ·33	12 ·89	23
17	Sat. 16	10 ·37	13 ·95	24
18	Sun. 17	11 ·40	14 ·99	25
19	Mon. 18	12 ·40	... ...	26
20	Tues. 19	13 ·39	15 ·00	27
21	Wed. 20	14 ·35	16 ·00	28
22	Thur. 21	A ·29	17 ·97	29
23	Fri. 22	1 ·23	18 ·93	—30
24	Sat. 23	2 ·15	19 ·89	1
25	Sun. 24	3 ·06	20 ·83	2
26	Mon. 25	4 ·96	21 ·76	3
27	Tues. 26	5 ·86	22 ·69	4
28	Wed. 27	6 ·76	23 ·62	5
29	Thur. 28	7 ·67	24 ·57	6
—30	Fri. 29	8 ·58	25 ·51	7
1	Sat. 30	9 ·51	26 ·46	8
		Bahula.	*Bahula.*	
	Dec.			
2	Sun. 1	10 ·45	27 ·42	9
3	Mon. 2	11 ·41	1 ·40	10
4	Tues. 3	12 ·38	2 ·41	11
5	Wed. 4	13 ·39	3 ·43	12
6	Thur. 5	14 ·40	4 ·46	13
7	Fri. 6	P ·45	5 ·52	14
8	Sat. 7	1 ·51	6 ·60	15
9	Sun. 8	2 ·58	7 ·71	16
10	Mon. 9	3 ·66	8 ·81	17
11	Tues. 10	4 ·76	9 ·91	18
12	Wed. 11	5 ·84	... ...	19
13	Thur. 12	6 ·91	10 ·02	20
14	Fri. 13	7 ·98	11 ·11	21
15	Sat. 14	... ...	12 ·19	22
16	Sun. 15	8 ·02	13 ·26	23
17	Mon. 16	9 ·05	14 ·30	24
18	Tues. 17	10 ·05	15 ·32	25
19	Wed. 18	11 ·01	16 ·32	26
20	Thur. 19	12 ·99	17 ·30	27
21	Fri. 20	13 ·93	18 ·28	28
22	Sat. 21	A ·78	19 ·23	29
23	Sun. 22	1 ·69	20 ·17	—30
24	Mon. 23	2 ·60	21 ·10	1
25	Tues. 24	3 ·50	22 ·03	2
26	Wed. 25	4 ·40	23 ·97	3
27	Thur. 26	5 ·30	24 ·90	4
28	Fri. 27	6 ·22	25 ·84	5
—29	Sat. 28	7 ·15	26 ·79	6
1	Sun. 29	8 ·09	27 ·75	7
2	Mon. 30	9 ·06	1 ·74	8
3	Tues. 31	10 ·04	2 ·73	9
		Sukla.	*Sukla.*	
		11 ·03	3 ·74	10
			4 ·78	

		Pausha.		
				H. 1043 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Asb. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1634. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 28·79.** **Śaka 1556.** **Kaliyuga 4735.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·71.** **(S. Cycle) Bhāva.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Śrimukha. **Makara—Tai.** 4	Wed. 1	**Pausha.** 12 ·06	5 ·83	11	4	Sat. 1	12 ·59	9 ·81	11	3	Thur. 1	13 ·01	15 ·92	13
5	Thur. 2	13 ·10	6 ·91	12	5	Sun. 2	13 ·67	10 ·92	12	4	Fri. 2	14 ·02	16 ·94	14
6	Fri. 3	14 ·15	... ...	13	6	Mon. 3	14 ·75	... ...	13	5	Sat. 3	P ·00	17 ·94	15
7	Sat. 4	P ·23	7 ·00	14	7	Tues.○4	P ·82	11 ·03	14			1 ·98		
8	Sun. 5	1 ·31	8 ·11	15	8	Wed. 5	1 ·87	12 ·12	15	6	Sun. 4	2 ·94	18 ·93	16
9	Mon. 6	2 ·41	9 ·21	16	9	Thur. 6	2 ·92	13 ·19	16	7	Mon. 5	3 ·87	19 ·91	17
10	Tues. 7	3 ·49	10 ·32	17	10	Fri. 7	3 ·93	14 ·24	17	8	Tues. 6	4 ·80	20 ·86	18
11	Wed. 8	4 ·56	11 ·42	18	11	Sat. 8	4 ·92	15 ·28	18	9	Wed. 7	5 ·70	21 ·80	19
12	Thur. 9	5 ·62	12 ·51	19	12	Sun. 9	5 ·90	16 ·30	19	10	Thur. 8	6 ·60	22 ·73	20
13	Fri. 10	*Bahula.* 6 ·66	13 ·57	20	*Śrimukha.* 13	Mon. 10	*Bahula.* 6 ·85	17 ·29	20	11	Fri. 9	7 ·50	23 ·66	21
14	Sat. 11	7 ·69	14 ·62	21	**Mina—Paṅguni.** 14	Tues. 11	7 ·79	18 ·27	21	12	Sat. 10	8 ·40	24 ·60	22
15	Sun. 12	8 ·69	15 ·64	22	15	Wed. 12	8 ·72	19 ·23	22	13	Sun. 11	9 ·30	25 ·53	23
16	Mon. 13	9 ·67	16 ·65	23	16	Thur. 13	9 ·64	20 ·19	23	14	Mon. 12	10 ·21	26 ·47	24
17	Tues. 14	10 ·63	17 ·64	24	17	Fri. 14	10 ·54	21 ·13	24	15	Tues. 13	11 ·12	27 ·42	25
18	Wed. 15	11 ·58	18 ·61	25	18	Sat. 15	11 ·43	22 ·06 / 23 ·99	25	*Bhava.* 16	Wed. 14	12 ·04 / 13 ·99	1 ·38	*H.* 1043 *Zi-l-ka'da.* 26
19	Thur. 16	12 ·50	19 ·56	26	19	Sun. 16	12 ·33	24 ·92	26	17	Thur. 15	14 ·94	2 ·36	27
20	Fri. 17	13 ·41	20 ·51	27	20	Mon. 17	13 ·24	25 ·85	27	18	Fri. 16	—A ·92	3 ·35	28
21	Sat. 18	14 ·32	21 ·44	28	21	Tues. 18	14 ·15	26 ·80	28	19	Sat. 17	1 ·91	4 ·36	29
22	Sun. 19	—A ·23	22 ·38	29	22	Wed.●19	A ·06 / 1 ·99	27 ·75	29	20	Sun. 18	2 ·92	5 ·39	—30
23	Mon. 20	1 ·13	23 ·31	—30	23	Thur. 20	2 ·93	1 ·72	—30	21	Mon. 19	3 ·97	6 ·44	1
24	Tues. 21	2 ·03 / 3 ·94	24 ·24	1	24	Fri. 21	3 ·90	2 ·70	1	22	Tues. 20	... ...	7 ·52	2
25	Wed. 22	4 ·86	25 ·18	2	25	Sat. 22	4 ·87	3 ·70	2	23	Wed. 21	4 ·02	8 ·61	3
26	Thur. 23	5 ·79	26 ·12	3	26	Sun. 23	5 ·87	4 ·73	3	24	Thur. 22	5 ·10	9 ·71	4
27	Fri. 24	6 ·73	27 ·09	4	27	Mon. 24	6 ·89	5 ·77	4	25	Fri. 23	6 ·18	10 ·82	5
28	Sat. 25	*Sukla.* 7 ·69	1 ·06	5	28	Tues. 25	7 ·94	6 ·83	5	26	Sat. 24	7 ·26	11 ·92	6
29	Sun. 26	8 ·68	2 ·05	6	29	Wed. 26	8 ·99	7 ·91	6	27	Sun. 25	8 ·34	... ...	7
—30	Mon. 27	9 ·67	3 ·06	7	30	Thur. 27	... ...	... ...	7	28	Mon. 26	9 ·41	12 ·03	8
1	Tues. 28	10 ·69	4 ·09	8	—31	Fri. 28	9 ·07	8 ·00	8	29	Tues. 27	*Sukla.* 10 ·46	13 ·12	9
2	Wed. 29	11 ·74	5 ·14	9	1	Sat. 29	10 ·16	9 ·11	9	30	Wed. 28	11 ·49	14 ·19	10
3	Thur. 30	12 ·81	6 ·22	10	2	Sun. 30	11 ·24	10 ·22	10	—31	Thur. 29	12 ·51	15 ·23	11
4	Fri. 31	13 ·88	7 ·31	11	3	Mon. 31	12 ·32	11 ·33	11	1	Fri. 30	13 ·50	16 ·26	12
										2	Sat. 31	**Jyeshṭha.** 14 ·48	17 ·27	13
	Feb.					**April.**					**June.**			
Śrimukha. **Kumbha—Māśi.** 5	Sat. 1	14 ·96	8 ·40	12	4	Tues. 1	18 ·39	12 ·42	12	3	Sun. 1	P ·43	18 ·26	14
6	Sun. 2	... ...	9 ·51	13	5	Wed. 2	14 ·44	13 ·50	13	4	Mon. 2	1 ·37	19 ·24	15
7	Mon. 3	**Māgha.** P ·05	10 ·62	14	6	Thur. 3	P ·48	14 ·57	14	5	Tues. 3	2 ·30	20 ·19	16
8	Tues. 4	1 ·13	11 ·73	15	7	Fri. 4	1 ·48	15 ·60	15	6	Wed. 4	3 ·20	21 ·14	17
9	Wed. 5	2 ·21	12 ·81	16	8	Sat. 5	2 ·48	16 ·62	16	7	Thur. 5	4 ·10	22 ·07	18
10	Thur. 6	3 ·27	13 ·88	17	9	Sun. 6	3 ·46	17 ·62	17	8	Fri. 6	5 ·00 / 6 ·90	23 ·01 / 24 ·94	19
11	Fri. 7	4 ·31	14 ·93	18	10	Mon. 7	4 ·41	18 ·60	18					
12	Sat. 8	5 ·32	15 ·96	19	11	Tues. 8	5 ·35	19 ·57	19	9	Sat. 7	7 ·80	25 ·87	20
13	Sun. 9	*Bahula.* 6 ·32	16 ·98	20	12	Wed. 9	6 ·28	20 ·52	20	10	Sun. 8	8 ·70	26 ·81	21
14	Mon. 10	7 ·31	17 ·97	21	13	Thur. 10	7 ·19	21 ·46	21	11	Mon. 9	9 ·61	27 ·75	22
15	Tues. 11	8 ·25	18 ·94	22	*Bhāva.*		8 ·09	22 ·40	22	12	Tues. 10	*Bahula.* 10 ·53	1 ·72	23
16	Wed. 12	9 ·19	19 ·90	23	**Mēsha—Chittirai.** 14	Fri. 11	9 ·99			13	Wed. 11	11 ·47	2 ·69	24
17	Thur. 13	10 ·12	20 ·84	24	15	Sat. 12	10 ·89	23 ·33	23	14	Thur. 12	12 ·42	3 ·67	25
18	Fri. 14	11 ·04 / 12 ·95	21 ·79	25	16	Sun. 13	11 ·79	24 ·26	24	15	Fri. 13	13 ·40	4 ·68	26
19	Sat. 15	13 ·85	22 ·72	26	17	Mon. 14	12 ·69	25 ·20	25	16	Sat. 14	14 ·39	5 ·70	27
20	Sun. 16	14 ·75	23 ·65	27	18	Tues. 15	13 ·61	26 ·14	26	17	Sun. 15	—A ·41	6 ·76	28
21	Mon. 17	—A ·65	24 ·58	28	19	Wed. 16	14 ·53	27 ·08	27	18	Mon. 16	1 ·44	7 ·83	—29
22	Tues. 18	1 ·56	25 ·51	—29	20	Thur. 17	—A ·47	1 ·05	28	19	Tues. 17	2 ·50	8 ·91	1
23	Wed. 19	2 ·48	26 ·47	1	21	Fri. 18	1 ·43	2 ·02	29	20	Wed. 18	3 ·57	... ...	2
24	Thur. 20	3 ·41	27 ·42	2	22	Sat. 19	2 ·41	3 ·03	1	21	Thur. 19	4 ·64	9 ·01	3
25	Fri. 21	4 ·35	1 ·39	3	23	Sun. 20	*Śukla.* 3 ·41	4 ·04	2	22	Fri. 20	*Śukla.* 5 ·73	10 ·12	4
26	Sat. 22	5 ·32	2 ·37	4	24	Mon. 21	4 ·42	5 ·08	3	23	Sat. 21	6 ·81	11 ·22	5
27	Sun. 23	*Śukla.* 6 ·29	3 ·38	5	25	Tues. 22	5 ·47	6 ·14	4	24	Sun. 22	7 ·88	12 ·33	6
28	Mon. 24	7 ·28	4 ·40	6	26	Wed. 23	6 ·52	7 ·21	5	25	Mon. 23	8 ·93	13 ·42	7
—29	Tues. 25	8 ·31	5 ·46	7	27	Thur. 24	7 ·60	8 ·31	6	26	Tues. 24	9 ·97	14 ·49	8
1	Wed. 26	9 ·35	6 ·52	8	28	Fri. 25	8 ·69	9 ·41	7	27	Wed. 25	10 ·99	15 ·55	9
2	Thur. 27	10 ·42	7 ·61	9	29	Sat. 26	9 ·77	10 ·52	8	28	Thur. 26	11 ·98	16 ·58	10
3	Fri. 28	**Phāl.** 11 ·50	8 ·70	10	30	Sun. 27	10 ·84	11 ·62	9	29	Fri. 27	12 ·96	17 ·60	11
					—31	Mon. 28	11 ·91	12 ·72	10	30	Sat. 28	13 ·91	18 ·59	12
					1	Tues. 29	12 ·97	13 ·81	11	31	Sun. 29	14 ·84	19 ·57	13
					2	Wed. 30	... ...	14 ·88	12	—32	Mon. 30	**Āshādha.** P ·77	20 ·53	14

Bhāva. **Vrishabha—Vaigāśi.** *Śukla.* *H.* 1043 *Shawwāl.* *Bahula.* *H.* 1043 *Ramazān.* *Śukla.* *H.* 1044 *Muharram.*

Nakshatras—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1634. **Kollam 810,** { **N. Malabar—Sep.** **Hijra 1044.** **Vikrama 1691.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 17.** **Bengal San. 1040.**
P—Paurnimā. **(N. Cycle) Subhānu.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Bhava. **Karkaṭaka—Ādi.** 1	Tues. 1	1 ·68	21 ·47	15
2	Wed. 2	2 ·58	22 ·42	16
3	Thur. 3	3 ·47	23 ·35	17
4	Fri. 4	4 ·37	24 ·28	18
5	Sat. 5	5 ·27	25 ·21	19
6	Sun. 6	6 ·17	26 ·15	20
7	Mon. 7	7 ·08	27 ·10	21
8	Tues. 8	8 ·02 / 9 ·94	1 ·05	22
9	Wed. 9	10 ·90	2 ·01	23
10	Thur. 10	11 ·88	3 ·00	24
11	Fri. 11	12 ·87	4 ·00	25
12	Sat. 12	13 ·89	5 ·02	26
13	Sun. 13	14 ·92	6 ·07	27
14	Mon. 14	A ·97	7 ·13	28
15	Tues. 15	... ...	8 21	29
16	Wed. 16	1 ·04	9 ·31	30
17	Thur. 17	2 ·12	10 ·41	1
18	Fri. 18	3 ·20	11 ·53	2
19	Sat. 19	4 ·28	12 ·63	3
20	Sun. 20	5 ·36	13 ·72	4
21	Mon. 21	6 ·42	14 ·80	5
22	Tues. 22	7 ·46	15 ·86	6
23	Wed. 23	8 ·47	16 ·91	7
24	Thur. 24	9 ·46	17 ·92	8
25	Fri. 25	10 ·44	18 ·92	9
26	Sat. 26	11 ·39	19 ·90	10
27	Sun. 27	12 ·33	20 ·86	11
28	Mon. 28	13 ·25	21 ·82	12
29	Tues. 29	14 ·17	22 ·76	13
30	Wed. 30	P ·08 / 1 ·98	23 ·69	14
31	Thur. 31	2 ·87	24 ·62	15
	Aug.			
Bhāva. **Simha—Āvaṇi.** 1	Fri. 1	3 ·77	25 ·55	16
2	Sat. 2	4 ·67	26 ·49	17
3	Sun. 3	5 ·58	27 ·43	18
4	Mon. 4	6 ·51	1 ·38	19
5	Tues. 5	7 ·44	2 ·34	20
6	Wed. 6	8 ·39	3 ·32	21
7	Thur. 7	9 ·38	4 ·32	22
8	Fri. 8	10 ·37	5 ·34	23
9	Sat. 9	11 ·37	6 ·38	24
10	Sun. 10	12 ·40	7 ·44	25
11	Mon. 11	13 ·46	8 ·52	26
12	Tues. 12	14 ·53	9 ·61	27
13	Wed. 13	A ·62	10 ·72	28
14	Thur. 14	1 ·70	11 ·83	29
15	Fri. 15	2 ·78	12 ·93	1
16	Sat. 16	3 ·85	... ...	2
17	Sun. 17	4 ·90	13 ·03	3
18	Mon. 18	5 ·95	14 ·11	4
19	Tues. 19	6 ·97	15 ·18	5
20	Wed. 20	7 ·97	16 ·22	6
21	Thur. 21	8 ·94	17 ·24	7
22	Fri. 22	9 ·90	18 ·24	8
23	Sat. 23	10 ·84	19 ·23	9
24	Sun. 24	11 ·77	20 ·20	10
25	Mon. 25	12 ·68	21 ·15	11
26	Tues. 26	13 ·58	22 ·09	12
27	Wed. 27	14 ·48	23 ·03 / 24 ·96	13
28	Thur. 28	P ·38	25 ·89	14
29	Fri. 29	1 ·28	26 ·83	15
30	Sat. 30	2 ·18	27 ·77	16
31	Sun. 31	3 ·10	1 ·71	17

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Bhāva. **Kanyā—Puraṭṭāsi.** 1	Mon. 1	4 ·03 / 5 ·96	2 ·67	18
2	Tues. 2	6 ·91	3 ·65	19
3	Wed. 3	7 ·89	4 ·65	20
4	Thur. 4	8 ·89	5 ·66	21
5	Fri. 5	9 ·90	6 ·69	22
6	Sat. 6	10 ·94	7 ·75	23
7	Sun. 7	11 ·99	8 ·82	24
8	Mon. 8	... ...	9 ·92	25
9	Tues. 9	12 ·06	... ...	26
10	Wed. 10	13 ·14	10 ·02	27
11	Thur. 11	14 ·22	11 ·13	28
12	Fri. 12	A ·30	12 ·23	29
13	Sat. 13	1 ·37	13 ·33	30
14	Sun. 14	2 ·44	14 ·42	1
15	Mon. 15	3 ·48	15 ·49	2
16	Tues. 16	4 ·50	16 ·54	3
17	Wed. 17	5 ·50	17 ·56	4
18	Thur. 18	6 ·48	18 ·57	5
19	Fri. 19	7 ·45	19 ·56	6
20	Sat. 20	8 ·38	20 ·53	7
21	Sun. 21	9 ·31	21 ·49	8
22	Mon. 22	10 ·22	22 ·43	9
23	Tues. 23	11 ·13	23 ·37	10
24	Wed. 24	12 ·04 / 13 ·94	24 ·30	11
25	Thur. 25	14 ·83	25 ·24	12
26	Fri. 26	P ·73	26 ·17	13
27	Sat. 27	1 ·65	27 ·10	14
28	Sun. 28	2 ·57	1 ·05	15
29	Mon. 29	3 ·52	2 ·00 / 3 ·98	16
30	Tues. 30	4 ·47	4 ·97	17
	Oct.			
Bhāva. **Tulā—Aippaśi.** 31	Wed. 1	5 ·45	5 ·98	18
1	Thur. 2	6 ·45	... ...	19
2	Fri. 3	7 ·46	6 ·01	20
3	Sat. 4	8 ·50	7 ·06	21
4	Sun. 5	9 ·55	8 ·13	22
5	Mon. 6	10 ·62	9 ·22	23
6	Tues. 7	11 ·71	10 ·32	24
7	Wed. 8	12 ·79	11 ·42	25
8	Thur. 9	13 ·87	12 ·53	26
9	Fri. 10	14 ·95	13 ·64	27
10	Sat. 11	...	14 ·73	28
11	Sun. 12	A ·01	15 ·80	29
12	Mon. 13	1 ·05	16 ·85	1
13	Tues. 14	2 ·09	17 ·88	2
14	Wed. 15	3 ·08	18 ·89	3
15	Thur. 16	4 ·06	19 ·89	4
16	Fri. 17	5 ·02 / 6 ·96	20 ·86	5
17	Sat. 18	7 ·89	21 ·82	6
18	Sun. 19	8 ·80	22 ·77	7
19	Mon. 20	9 ·71	23 ·70	8
20	Tues. 21	10 ·62	24 ·65	9
21	Wed. 22	11 ·52	25 ·57	10
22	Thur. 23	12 ·42	26 ·50	11
23	Fri. 24	13 ·33	27 ·44	12
24	Sat. 25	14 ·24	1 ·38	13
25	Sun. 26	P ·16	2 ·34	14
26	Mon. 27	1 ·11	3 ·31	15
27	Tues. 28	2 ·07	4 ·30	16
28	Wed. 29	3 ·05	5 ·30	17
29	Thur. 30	4 ·04	6 ·32	18
30	Fri. 31	5 ·06	7 ·37	19

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Bhāva. **Vṛiśchika—Kārttigai.** 1	Sat. 1	6 ·10	8 ·44	20
2	Sun. 2	7 ·16	9 ·52	21
3	Mon. 3	8 ·23	10 ·62	22
4	Tues. 4	9 ·31	11 ·72	23
5	Wed. 5	10 ·40	12 ·84	24
6	Thur. 6	11 ·49	13 ·94	25
7	Fri. 7	12 ·57	... ...	26
8	Sat. 8	13 ·62	14 ·03	27
9	Sun. 9	14 ·66	15 ·11	28
10	Mon. 10	A ·70	16 ·16	29
11	Tues. 11	1 ·69	17 ·20	30
12	Wed. 12	2 ·67	18 ·22	1
13	Thur. 13	3 ·63	19 ·22	2
14	Fri. 14	4 ·58	20 ·19	3
15	Sat. 15	5 ·51	21 ·15	4
16	Sun. 16	6 ·43	22 ·10	5
17	Mon. 17	7 ·33	23 ·05 / 24 ·98	6
18	Tues. 18	8 ·23	25 ·91	7
19	Wed. 19	9 ·13	26 ·84	8
20	Thur. 20	10 ·04 / 11 ·95	27 ·78	9
21	Fri. 21	12 ·86	1 ·73	10
22	Sat. 22	13 ·79	2 ·68	11
23	Sun. 23	14 ·73	3 ·64	12
24	Mon. 24	P ·68	4 ·62	13
25	Tues. 25	1 ·67	5 ·62	14
26	Wed. 26	2 ·67	6 ·65	15
27	Thur. 27	3 ·70	7 ·68	16
28	Fri. 28	4 ·74	8 ·74	17
29	Sat. 29	5 ·80	9 ·82	18
30	Sun. 1	6 ·87	10 ·92	19
	Dec.			
Bhāva. **Dhanus—Mārgali.** 2	Mon. 1	7 ·95	... ...	20
3	Tues. 2	... ...	11 ·02	21
4	Wed. 3	8 ·04	12 ·14	22
5	Thur. 4	9 ·13	13 ·24	23
6	Fri. 5	10 ·21	14 ·33	24
7	Sat. 6	11 ·27	15 ·41	25
8	Sun. 7	12 ·32	16 ·47	26
9	Mon. 8	13 ·33	17 ·52	27
10	Tues. 9	14 ·33	18 ·54	28
11	Wed. 10	A ·31	19 ·54	29
12	Thur. 11	1 ·27	20 ·52	1
13	Fri. 12	2 ·21	21 ·49	2
14	Sat. 13	3 ·13	22 ·45	3
15	Sun. 14	4 ·05 / 5 ·96	23 ·39	4
16	Mon. 15	6 ·87	24 ·32	5
17	Tues. 16	7 ·77	25 ·25	6
18	Wed. 17	8 ·67	26 ·18	7
19	Thur. 18	9 ·58	27 ·12	8
20	Fri. 19	10 ·50	1 ·06	9
21	Sat. 20	11 ·43	2 ·01 / 3 ·97	10
22	Sun. 21	12 ·37	4 ·95	11
23	Mon. 22	13 ·34	5 ·95	12
24	Tues. 23	14 ·32	6 ·98	13
25	Wed. 24	P ·32	... ...	14
26	Thur. 25	1 ·34	7 ·00	15
27	Fri. 26	2 ·38	8 ·05	16
28	Sat. 27	3 ·45	9 ·13	17
29	Sun. 28	4 ·52	10 ·22	18
1	Mon. 29	5 ·61	11 ·32	19
2	Tues. 30	6 ·70	12 ·43	20
3	Wed 31	7 ·78	13 ·54	21

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1635. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse.● **(Surya Sid.) March 29·05.** **Śaka 1557.** **Kaliyuga 4736.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·96.** **(S. Cycle) Yuva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Bhāva. **Makara—Tai.**	**Jan.**		*Bahula.*			*Bhāva.* **Mīna—Pāṅguni.**	**March.**		*Bahula.*			*Yuva.* **Vrishabha—Vaigāśi.**	**May.**				
4	Thur.	1	8 ·86	14 ·64	22	3	Sun.	1	7 ·23	18 ·50	22	3	Fri.	1	{ 9 ·02 / 10 ·92 }	{ 24 ·02 / 25 ·95 }	24
5	Fri.	2	9 ·91	15 ·72	23	4	Mon.	2	8 ·22	19 ·52	23	4	Sat.	2	11 ·81	26 ·88	25
6	Sat.	3	10 ·96	16 ·79	24	5	Tues.	3	9 ·19	20 ·51	24	5	Sun.	3	12 ·71	27 ·81	26
7	Sun.	4	11 ·98	17 ·84	25	6	Wed.	4	10 ·15	21 ·49	25	6	Mon.	4	13 ·61	1 ·75	27
8	Mon.	5	12 ·98	18 ·86	26	7	Thur.	5	11 ·08	22 ·45	26	7	Tues.	5	14 ·52	2 ·69	28
9	Tues.	6	13 ·95	19 ·87	27	8	Fri.	6	{ 12 ·01 / 13 ·92 }	23 ·40	27	8	Wed.	6	—**A** ·43	3 ·64	29
10	Wed.	7	14 ·92	20 ·85	28	9	Sat.	7	14 ·83	24 ·34	28	9	Thur.	7	1 ·35	4 ·60	—30
11	Thur.	8	—**A** ·86	21 ·83	29	10	Sun.	8	—**A** ·73	25 ·28	29	10	Fri.	8	2 ·30	5 ·57	1
12	Fri.	9	1 ·78	22 ·78	—30	11	Mon.	9	1 ·63	26 ·21	—30	11	Sat.	9	3 ·26	6 ·57	2
13	Sat.	10	2 ·70	23 ·73	1	12	Tues.	10	2 ·53	27 ·14	1	12	Sun.	10	4 ·24	7 ·58	3
14	Sun.	11	3 ·60	24 ·66	2	13	Wed.	11	3 ·44	1 ·07	2	13	Mon.	11	5 ·23	8 ·61	4
15	Mon.	12	4 ·50	25 ·59	3					2 ·01		14	Tues.	12	6 ·26	9 ·66	5
16	Tues.	13	5 ·40	26 ·53	4	14	Thur.	12	4 ·36	3 ·97	3	15	Wed.	13	7 ·30	10 ·73	6
17	Wed.	14	6 ·31	27 ·46	5	15	Fri.	13	5 ·28	4 ·94	4	16	Thur.	14	8 ·36	11 ·82	7
18	Thur.	15	7 ·22	1 ·40	6	16	Sat.	14	6 ·23	5 ·92	5	17	Fri.	15	9 ·43	12 ·93	8
19	Fri.	16	8 ·14	2 ·34	7	17	Sun.	15	7 ·19	6 ·92	6	18	Sat.	16	10 ·51	... ...	9
20	Sat.	17	9 ·07	3 ·30	8	18	Mon.	16	8 ·18	7 ·94	7	19	Sun.	17	11 ·59	13 ·04	10
21	Sun.	18	{ 10 ·01 / 11 ·98 }	4 ·27	9	19	Tues.	17	9 ·18	8 ·99	8	20	Mon.	18	12 ·67	14 ·14	11
22	Mon.	19	12 ·96	5 ·27	10	20	Wed.	18	10 ·21	... ...	9	21	Tues.	19	13 ·75	15 ·24	12
23	Tues.	20	13 ·96	6 ·28	11	21	Thur.	19	11 ·24	9 ·05	10	22	Wed.	20	14 ·79	16 ·33	13
24	Wed.	21	14 ·98	7 ·31	12	22	Fri.	20	12 ·30	10 ·13	11	23	Thur.	21	**P** ·82	17 ·41	14
25	Thur.	22	... ...	8 ·36	13	23	Sat.	21	13 ·38	11 ·22	12	24	Fri.	22	1 ·83	18 ·45	15
26	Fri.	23	**P** ·04	9 ·43	14	24	Sun.	22	14 ·47	12 ·33	13	25	Sat.	23	2 ·83	19 ·48	16
27	Sat.	24	1 ·10	10 ·53	15	25	Mon.	23	**P** ·56	13 ·44	14	26	Sun.	24	3 ·79	20 ·49	17
28	Sun.	25	2 ·17	11 ·63	16	26	Tues.	24	1 ·64	14 ·55	15	27	Mon.	25	4 ·75	21 ·48	18
29	Mon.	26	3 ·26	12 ·73	17	27	Wed.	25	2 ·70	15 ·64	16	28	Tues.	26	5 ·69	22 ·46	19
—30	Tues.	27	4 ·35	13 ·84	18	28	Thur.	26	3 ·76	16 ·72	17	29	Wed.	27	6 ·60	23 ·41	20
1	Wed.	28	5 ·43	14 ·94	19	29	Fri.	27	4 ·79	17 ·78	18	30	Thur.	28	7 ·51	24 ·36	21
2	Thur.	29	6 ·50	... ...	20	—30	Sat.	28	5 ·80	18 ·81	19	—31	Fri.	29	8 ·41	25 ·29	22
3	Fri.	30	7 ·57	15 ·03	21	1	Sun.	29	6 ·79	19 ·84	20	1	Sat.	30	9 ·31	26 ·22	23
4	Sat.	31	8 ·60	16 ·10	22	2	Mon.	30	7 ·76	20 ·84	21	2	Sun.	31	10 ·21	27 ·16	24
						3	Tues.	31	8 ·72	21 ·82	22						
	Feb.						**April.**						**June.**				
Bhāva. **Kumbha—Māśi.**			*Bahula.*			*Yuva.* **Mēsha—Chittirai.**			*Bahula.*			*Yuva.* **Mithuna—Āni.**				
5	Sun.	1	9 ·61	17 ·15	23	4	Wed.	1	9 ·65	22 ·78	23	3	Mon.	1	11 ·11	1 ·09	25
6	Mon.	2	10 ·61	18 ·18	24	5	Thur.	2	10 ·57	23 ·73	24	4	Tues.	2	{ 12 ·02 / 13 ·93 }	{ 2 ·03 / 3 ·97 }	26
7	Tues.	3	11 ·58	19 ·19	25	6	Fri.	3	11 ·48	24 ·68	25	5	Wed.	3	14 ·85	4 ·93	27
8	Wed.	4	12 ·54	20 ·19	26	7	Sat.	4	12 ·39	25 ·62	26	6	Thur.	4	—**A** ·79	5 ·91	28
9	Thur.	5	13 ·48	21 ·16	27	8	Sun.	5	13 ·29	26 ·54	27	7	Fri.	5	1 ·75	6 ·89	29
10	Fri.	6	14 ·41	22 ·12	28	9	Mon.	6	14 ·19	27 ·47	28	8	Sat.	6	2 ·72	7 ·90	—30
11	Sat.	7	—**A** ·32	23 ·06	—29	10	Tues.	7	—**A** ·09	1 ·41	—29	9	Sun.	7	3 ·72	8 ·92	1
12	Sun.	8	1 ·28	{ 24 ·00 / 25 ·93 }	1	11	Wed.	8	{ 1 ·00 / 2 ·91 }	2 ·35	1	10	Mon.	8	4 ·74	9 ·97	2
13	Mon.	9	2 ·14	26 ·87	2	12	Thur.	9	3 ·84	3 ·30	2	11	Tues.	9	5 ·78	... ...	3
14	Tues.	10	{ 3 ·04 / 4 ·94 }	27 ·80	3	13	Fri.	10	4 ·78	4 ·27	3	12	Wed.	10	6 ·83	10 ·04	4
15	Wed.	11	5 ·84	1 ·73	4	14	Sat.	11	5 ·74	5 ·24	4	13	Thur.	11	7 ·90	11 ·13	5
16	Thur.	12	6 ·76	2 ·68	5	15	Sun.	12	6 ·73	6 ·24	5	14	Fri.	12	8 ·98	12 ·23	6
17	Fri.	13	7 ·69	3 ·64	6	16	Mon.	13	7 ·72	7 ·26	6	15	Sat.	13	... ...	13 ·34	7
18	Sat.	14	8 ·64	4 ·61	7	17	Tues.	14	8 ·75	8 ·30	7	16	Sun.	14	9 ·06	14 ·44	8
19	Sun.	15	9 ·60	5 ·59	8	18	Wed.	15	9 ·79	9 ·36	8	17	Mon.	15	10 ·15	15 ·54	9
20	Mon.	16	10 ·58	6 ·60	9	19	Thur.	16	10 ·85	10 ·43	9	18	Tues.	16	11 ·22	16 ·64	10
21	Tues.	17	11 ·58	7 ·62	10	20	Fri.	17	11 ·93	11 ·52	10	19	Wed.	17	12 ·27	17 ·71	11
22	Wed.	18	12 ·61	8 ·67	11	21	Sat.	18	... ...	12 ·63	11	20	Thur.	18	13 ·30	18 ·77	12
23	Thur.	19	13 ·65	9 ·74	12	22	Sun.	19	12 ·01	13 ·74	12	21	Fri.	19	14 ·31	19 ·80	13
24	Fri.	20	14 ·72	10 ·83	13	23	Mon.	20	13 ·10	14 ·85	13	22	Sat.	20	**P** ·30	20 ·81	14
25	Sat. ○	21	**P** ·80	11 ·92	14	24	Tues.	21	14 ·18	15 ·94	14	23	Sun.	21	1 ·27	21 ·81	15
26	Sun.	22	1 ·89	... ...	15	25	Wed.	22	**P** ·24	... ...	15	24	Mon.	22	2 ·23	22 ·79	16
27	Mon.	23	2 ·98	12 ·03	16	26	Thur.	23	1 ·29	16 ·02	16	25	Tues.	23	3 ·17	23 ·75	17
28	Tues.	24	... ...	13 ·14	17	27	Fri.	24	2 ·33	17 ·09	17	26	Wed.	24	4 ·09	24 ·69	18
29	Wed.	25	3 ·06	14 ·25	18	28	Sat.	25	3 ·33	18 ·14	18	27	Thur.	25	{ 5 ·00 / 6 ·90 }	25 ·63	19
—30	Thur.	26	4 ·12	15 ·34	19	29	Sun.	26	4 ·32	19 ·16	19	28	Fri.	26	7 ·79	26 ·57	20
1	Fri.	27	5 ·18	16 ·41	20	30	Mon.	27	5 ·30	20 ·16	20	29	Sat.	27	8 ·69	27 ·50	21
2	Sat.	28	6 ·22	17 ·46	21	—31	Tues.	28	6 ·24	21 ·15	21	30	Sun.	28	9 ·59	1 ·43	22
						1	Wed.	29	7 ·18	22 ·11	22	31	Mon.	29	10 ·49	2 ·36	23
						2	Thur.	30	8 ·10	23 ·08	23	—32	Tues.	30	11 ·41	3 ·31	24

H. 1044 *Sha'bān.* *H.* 1044 *Ramzān.* *H.* 1044 *Shawwāl.* *H.* 1044 *Z.-ka'da.* *H.* 1044 *Z.-hijja.* *H.* 1045 *Muharram.*

Nakah:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1635. **Kollam 811,** Commences **N. Malabar—Sep.** **S. Malabar—Aug.** **Hijra 1045.** Commences **June 7.** **Vikrama 1692.** **Bengal San. 1041.** **(N. Cycle) Tāraṇa.**

A—Amāvāsyā. **P—Paurnimā.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Yuva. **Karkaṭaka—Ādi.**	1 Wed. 1	12 ·33	4 ·26	25
	2 Thur. 2	13 ·27	5 ·23	26
	3 Fri. 3	14 ·22	6 ·22	27
	4 Sat. 4	—**A** ·20	7 ·22	28
	5 Sun. 5	1 ·20	8 ·24	29
	6 Mon. 6	2 ·21	9 ·28	—30
	7 Tues. 7	3 ·26	10 ·35	1
	8 Wed. 8	4 ·31	11 ·44	2
	9 Thur. 9	5 ·37	12 ·53	3
	10 Fri. 10	6 ·45	13 ·63	4
	11 Sat. 11	7 ·53	14 ·74	5
	12 Sun. 12	8 ·62	15 ·85	6
	13 Mon. 13	9 ·69	16 ·95	7
	14 Tues. 14	10 ·75	... ...	8
	15 Wed. 15	11 ·78	17 ·02	9
	16 Thur. 16	12 ·79	18 ·08	10
	17 Fri. 17	13 ·78	19 ·12	11
	18 Sat. 18	14 ·75	20 ·14	12
	19 Sun. 19	**P** ·71	21 ·14	13
	20 Mon. 20	1 ·65	22 ·12	14
	21 Tues. 21	2 ·58	23 ·08	15
	22 Wed. 22	3 ·49	24 ·03 / 25 ·98	*H.* 1045 *Safar.* 16
	23 Thur. 23	4 ·39	26 ·91	17
	24 Fri. 24	5 ·29	27 ·84	18
	25 Sat. 25	6 ·19	1 ·77	19
	26 Sun. 26	7 ·09 / 8 ·99	2 ·70	20
	27 Mon. 27	9 ·90	3 ·64	21
	28 Tues. 28	10 ·82	4 ·60	22
	29 Wed. 29	11 ·76	5 ·56	23
	30 Thur. 30	12 ·71	6 ·54	24
—31	Fri. 31	13 ·69	7 ·54	25
	Aug.			
Yuva. **Siṁha—Āvaṇi.**	1 Sat. 1	14 ·68	8 ·55	26
	2 Sun. 2	—**A** ·69	9 ·60	27
	3 Mon. 3	1 ·74	10 ·66	28
	4 Tues. 4	2 ·79	11 ·74	—29
	5 Wed. 5	3 ·86	12 ·83	1
	6 Thur. 6	4 ·94	13 ·93	2
	7 Fri. 7	... ...	...	3
	8 Sat. 8	5 ·03	14 ·05	4
	9 Sun. 9	6 ·11	15 ·15	5
	10 Mon. 10	7 ·18	16 ·25	6
	11 Tues. 11	8 ·23	17 ·32	7
	12 Wed. 12	9 ·26	18 ·39	8
	13 Thur. 13	10 ·29	19 ·44	9
	14 Fri. 14	11 ·28	20 ·46	10
	15 Sat. 15	12 ·26	21 ·46	11
	16 Sun. 16	13 ·21	22 ·44	12
	17 Mon. 17	14 ·16	23 ·41	13
	18 Tues. ○ 18	**P** ·08 / 1 ·99	24 ·36	*H.* 1045 *Rabī-ul awwal.* 14
	19 Wed. 19	2 ·89	25 ·31	15
	20 Thur. 20	3 ·79	26 ·25	16
	21 Fri. 21	4 ·69	27 ·18	17
	22 Sat. 22	5 59	1 ·11	18
	23 Sun. 23	6 ·50	2 ·04 / 3 ·99	19
	24 Mon. 24	7 ·41	4 ·93	20
	25 Tues. 25	8 ·33	5 ·89	21
	26 Wed. 26	9 ·28	6 ·87	22
	27 Thur. 27	10 ·24	7 ·86	23
	28 Fri. 28	11 21	8 ·88	24
	29 Sat. 29	12 ·19	9 ·91	25
	30 Sun. 30	13 ·21	10 ·97	26
—31	Mon. 31	14 ·25	... ...	27

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Yuva. **Kanyā—Puraṭṭāśi.**	1 Tues. 1	**A** ·31	11 ·04	28
	2 Wed. 2	1 ·38	12 ·13	29
	3 Thur. 3	2 ·46	13 ·24	30
	4 Fri. 4	3 ·54	14 ·35	1
	5 Sat. 5	4 ·63	15 ·45	2
	6 Sun. 6	5 ·71	16 ·55	3
	7 Mon. 7	6 ·76	17 ·63	4
	8 Tues. 8	7 ·80	18 ·70	5
	9 Wed. 9	8 ·82	19 ·76	6
	10 Thur. 10	9 ·80	20 ·78	7
	11 Fri. 11	10 ·78	21 ·79	8
	12 Sat. 12	11 ·75	22 ·77	9
	13 Sun. 13	12 ·69	23 ·74	10
	14 Mon. 14	13 ·61	24 ·71	11
	15 Tues. 15	14 ·53	25 ·65	12
	16 Wed. 16	**P** ·43	26 ·59	13
	17 Thur. 17	1 ·33	27 ·52	14
	18 Fri. 18	2 ·23	1 ·45	15
	19 Sat. 19	3 ·13	2 ·39	16
	20 Sun. 20	4 ·04 / 5 ·95	3 ·32	17
	21 Mon. 21	6 ·88	4 ·27	18
	22 Tues. 22	7 ·82	5 ·22	19
	23 Wed. 23	8 ·77	6 ·19	20
	24 Thur. 24	9 ·75	7 ·19	21
	25 Fri. 25	10 ·74	8 ·20	22
	26 Sat. 26	11 ·76	9 ·23	23
	27 Sun. 27	12 ·80	10 ·28	24
	28 Mon. 28	13 ·85	11 ·34	25
	29 Tues. 29	14 ·92	12 ·44	26
	30 Wed. 30	... ...	13 ·54	27
	Oct.			
—31	Thur. 1	—**A** ·01	14 ·64	28
	1 Fri. 2	1 ·10	15 ·75	—29
	2 Sat. 3	2 ·18	16 ·85	1
	3 Sun. 4	3 ·26	17 ·94	2
	4 Mon. 5	4 ·32	... ...	3
	5 Tues. 6	5 ·36	18 ·02	4
	6 Wed. 7	6 ·38	19 ·07	5
	7 Thur. 8	7 ·38	20 ·10	6
	8 Fri. 9	8 ·35	21 ·11	7
	9 Sat. 10	9 ·31	22 ·10	8
	10 Sun. 11	10 ·26	23 ·08 / 24 ·04	9
	11 Mon. 12	11 ·18	25 ·99	10
	12 Tues. 13	12 ·10	26 ·92	11
	13 Wed. 14	13 ·01 / 14 ·91	27 ·85	12
	14 Thur. 15	**P** ·81	1 ·79	13
	15 Fri. 16	1 ·71	2 ·72	14
	16 Sat. 17	2 ·62	3 ·66	15
	17 Sun. 18	3 ·53	4 ·60	16
	18 Mon. 19	4 ·46	5 ·55	17
	19 Tues. 20	5 ·40	6 ·53	18
	20 Wed. 21	6 ·36	7 ·52	19
	21 Thur. 22	7 ·34	8 ·52	20
	22 Fri. 23	8 ·34	9 ·54	21
	23 Sat. 24	9 ·35	10 ·58	22
	24 Sun. 25	10 ·39	11 ·65	23
	25 Mon. 26	11 ·45	12 ·74	24
	26 Tues. 27	12 ·53	13 ·84	25
	27 Wed. 28	13 ·62	14 ·94	26
	28 Thur. 29	14 ·71	... ..	27
	29 Fri. 30	—**A** ·79	15 ·05	28
—30	Sat. 31	1 ·86	16 ·15	29

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Yuva. **Vṛiśchika—Kārttigai.**	1 Sun. 1	2 ·92	17 ·25	—30
	2 Mon. 2	3 ·96	18 ·33	1
	3 Tues. 3	4 ·98	19 ·38	2
	4 Wed. 4	5 ·98	20 ·42	3
	5 Thur. 5	6 ·95	21 ·43	4
	6 Fri. 6	7 ·92	22 ·44	5
	7 Sat. 7	8 ·87	23 ·41	6
	8 Sun. 8	9 ·80	24 ·37	7
	9 Mon. 9	10 ·71	25 ·32	8
	10 Tues. 10	11 ·62	26 ·26	9
	11 Wed. 11	12 ·52	27 ·20	10
	12 Thur. 12	13 ·42	1 ·13	11
	13 Fri. 13	14 ·32	2 ·06 / 3 ·99	12
	14 Sat. 14	**P** ·23	4 ·94	13
	15 Sun. 15	1 ·15	5 ·90	14
	16 Mon. 16	2 ·08	6 ·86	15
	17 Tues. 17	3 ·02 / 4 ·98	7 ·84	16
	18 Wed. 18	5 ·96	8 ·84	17
	19 Thur. 19	6 ·96	9 ·86	18
	20 Fri. 20	7 ·98	10 ·90	19
	21 Sat. 21	... ...	11 ·96	20
	22 Sun. 22	8 ·03	.. ...	21
	23 Mon. 23	9 ·08	12 ·04	22
	24 Tues. 24	10 ·16	13 ·14	23
	25 Wed. 25	11 ·24	14 ·24	24
	26 Thur. 26	12 ·33	15 ·35	25
	27 Fri. 27	13 ·42	16 ·46	26
	28 Sat. 28	14 ·49	17 ·55	27
—29	Sun. 29	—**A** ·56	18 ·63	28
1	Mon. 30	1 ·60	19 ·69	—29
	Dec.			
Yuva. **Dhanus—Mārgali.**	2 Tues. 1	2 ·62	20 ·73	1
	3 Wed. 2	3 ·61	21 ·76	2
	4 Thur. 3	4 ·58	22 ·76	3
	5 Fri. 4	5 ·55	23 ·74	4
	6 Sat. 5	6 ·49	24 ·71	5
	7 Sun. 6	7 ·42	25 ·66	6
	8 Mon. 7	8 ·33	26 ·61	7
	9 Tues. 8	9 ·24	27 ·54	8
	10 Wed. 9	10 ·15	1 ·47	9
	11 Thur. 10	11 ·05 / 12 ·95	2 ·40	10
	12 Fri. 11	13 ·85	3 ·33	11
	13 Sat. 12	14 ·78	4 ·27	12
	14 Sun. 13	**P** ·71	5 ·23	13
	15 Mon. 14	1 ·66	6 ·19	14
	16 Tues. 15	2 ·62	7 ·16	15
	17 Wed. 16	3 ·60	8 ·16	16
	18 Thur. 17	4 ·60	9 ·17	17
	19 Fri. 18	5 ·62	10 ·22	18
	20 Sat. 19	6 ·67	11 ·27	19
	21 Sun. 20	7 ·73	12 ·35	20
	22 Mon. 21	8 ·81	13 ·44	21
	23 Tues. 22	9 ·90	14 ·54	22
	24 Wed. 23	... ...	15 ·65	23
	25 Thur. 24	10 ·00	16 ·76	24
	26 Fri. 25	11 ·07	17 ·86	25
	27 Sat. 26	12 ·14	18 ·94	26
	28 Sun. 27	13 ·20	... ...	27
	29 Mon. 28	14 ·24	19 ·00	28
—30	Tues. 29	—**A** ·26	20 ·06	29
1	Wed. 30	1 ·26	21 ·08	—30
2	Thur. 31	2 ·24	22 ·09	1

Śukla. *Bahula.* *H.* 1045 *Jamādā'l ākhir.* *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1636. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·31.** **Śaka 1558.** **Kaliyuga 4737.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·22.** **(S. Cycle) Dhātri.**

Jan.

	SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
3	*Yuva.* Makara—Tai.	Fri.	1		3 ·19	23 ·07		2
4		Sat.	2		4 ·14	24 ·04		3
5		Sun.	3		5 ·07	25 ·00		4
					6 ·98	26 ·94		
6		Mon.	4	*Śukla.*	7 ·89	27 ·88		5
7		Tues.	5	Pausha.	8 ·79	1 ·81		6
8		Wed.	6	P	9 ·69	2 ·74		7
9		Thur.	7		10 ·59	3 ·67		8
10		Fri.	8		11 ·51	4 ·62		9
11		Sat.	9		12 ·43	5 ·56		10
12		Sun.	10		13 ·35	6 ·52		11
13		Mon.	11		14 ·30	7 ·49		12
14		Tues.	12		15 ·26	8 ·48		13
15		Wed.	13		1 ·25	9 ·50		14
16		Thur.	14		2 ·24	10 ·53		15
17		Fri.	15		3 ·28	11 ·58		16
18		Sat.	16		4 ·33	12 ·65		17
19		Sun.	17		5 ·39	13 ·74		18
20		Mon.	18	*Bahula.*	6 ·47	14 ·85	*H.* 1045 *Shaʿbān.*	19
21		Tues.	19		7 ·56	15 ·95		20
22		Wed.	20		8 ·65	...		21
23		Thur.	21		9 ·73	16 ·06		22
24		Fri.	22		10 ·81	17 ·16		23
25		Sat.	23		11 ·86	18 ·24		24
26		Sun.	24		12 ·89	19 ·31		25
27		Mon.	25		13 ·90	20 ·37		26
28		Tues.	26		14 ·90	21 ·40		27
29		Wed.	27	A	·88	22 ·41		28
1		Thur.	28		1 ·83	23 ·40		29
2		Fri.	29		2 ·76	24 ·37		1
3		Sat.	30		3 ·68	25 ·34		2
4		Sun.	31		4 ·60	26 ·28		3

Feb.

5	*Yuva.* Kumbha—Māsi.	Mon.	1		5 ·51	27 ·22		4
6		Tues.	2		6 ·41	1 ·15		5
7		Wed.	3	*Śukla.*	7 ·31	2 ·08		6
8		Thur.	4		8 ·21	3 ·02		7
						4 ·95		
9		Fri.	5		9 ·13	5 ·90		8
10		Sat.	6		10 ·05	6 ·85		9
					11 ·98			
11		Sun.	7		12 ·93	7 ·82		10
12		Mon.	8	Māgha.	13 ·89	8 ·81		11
13		Tues.	9		14 ·88	9 ·82		12
14		Wed.	10	P	·87	10 ·84		13
15		Thur.	11		1 ·91	11 ·89		14
16		Fri.	12		2 ·95	12 ·95	*H.* 1045 *Ramazān.*	15
17		Sat.	13		...	...		16
18		Sun.	14		3 ·02	13 ·05		17
19		Mon.	15		4 ·10	14 ·14		18
20		Tues.	16		5 ·20	15 ·25		19
21		Wed.	17		6 ·28	16 ·36		20
22		Thur.	18	*Bahula.*	7 ·35	17 ·46		21
23		Fri.	19		8 ·42	18 ·55		22
24		Sat.	20		9 ·47	19 ·63		23
25		Sun.	21		10 ·51	20 ·68		24
26		Mon.	23		11 ·53	21 ·72		25
27		Tues.	23		12 ·52	22 ·73		26
28		Wed.	24		13 ·49	23 ·72		27
29		Thur.	25		14 ·44	24 ·71		28
30		Fri.	26	A	·38	25 ·67		29
1		Sat.	27		1 ·30	26 ·61		30
2		Sun.	28		2 ·22	27 ·55		1
3		Mon.	29		3 ·12	1 ·49		2

March.

4	*Yuva.* Mīna—Pāṅguni.	Tues.	1		4 ·02	2 ·43		3
5		Wed.	2		5 ·92	2 ·82		4
6		Thur.	3		6 ·82	3 ·36		5
7		Fri.	4		7 ·73	4 ·29		6
8		Sat.	5		8 ·64	5 ·23		7
9		Sun.	6		9 ·58	6 ·18		8
10		Mon.	7		10 ·52	7 ·16		9
11		Tues.	8		11 ·49	8 ·14		10
12		Wed.	9		12 ·47	9 ·14		11
13		Thur.	10	*Śukla.*	13 ·47	10 ·16		12
14		Fri.	11	Phālguna.	14 ·51	11 ·20		13
15		Sat.	12	P	·56	12 ·26		14
16		Sun.	13		1 ·62	13 ·35		15
17		Mon.	14		2 ·70	14 ·44		16
18		Tues.	15		3 ·79	15 ·55		17
19		Wed.	16		4 ·88	16 ·65		18
20		Thur.	17		5 ·96	17 ·76	*H.* 1045 *Shawwāl.*	19
21		Fri.	18		...	18 ·86		20
22		Sat.	19	*Bahula.*	6 ·01	19 ·94		21
23		Sun.	20		7 ·06	...		22
24		Mon.	21		8 ·10	20 ·00		23
25		Tues.	22		9 ·11	21 ·03		24
26		Wed.	23		10 ·10	22 ·05		25
27		Thur.	24		11 ·06	23 ·06		26
					12 ·02			
28		Fri.	25		13 ·95	24 ·04		27
29		Sat.	26		14 ·87	25 ·00		28
30		Sun.	27	A	·79	26 ·95		29
31		Mon.	28		1 ·69	27 ·89		30
1		Tues.	29		2 ·59	1 ·84		1
2		Wed.	30		3 ·49	2 ·76		2
3		Thur.	31		4 ·39	3 ·69		3
4					5 ·30	4 ·63		4

April.

5	*Dhātri.* Mēsha—Chittirai.	Fri.	1		6 ·21	6 ·52		5
6		Sat.	2	*Śukla.*	7 ·14	7 ·49		6
7		Sun.	3		8 ·08	8 ·46		7
8		Mon.	4		9 ·05	9 ·46		8
9		Tues.	5		10 ·03	10 ·47		9
10		Wed.	6		11 ·03	11 ·51		10
11		Thur.	7		12 ·06	12 ·58		11
12		Fri.	8		13 ·11	13 ·65		12
13		Sat.	9		14 ·17	14 ·74		13
14		Sun.	10	P	·25	15 ·85		14
15		Mon.	11		1 ·34	16 ·95		15
16		Tues.	12		2 ·42	...		16
17		Wed.	13		3 ·50	17 ·07		17
18		Thur.	14		4 ·56	18 ·16		18
19		Fri.	15		5 ·61	19 ·24	*H.* 1045 *Zi-l-ka'da.*	19
20		Sat.	16		6 ·64	20 ·31		20
21		Sun.	17	*Bahula.*	7 ·65	21 ·35		21
22		Mon.	18		8 ·64	22 ·38		22
23		Tues.	19		9 ·61	23 ·38		23
24		Wed.	20		10 ·56	24 ·37		24
25		Thur.	21		11 ·49	25 ·33		25
26		Fri.	22		12 ·41	26 ·29		26
27		Sat.	23		13 ·32	27 ·24		27
28		Sun.	24		14 ·23	1 ·17		28
29		Mon.	25	A	·13	2 ·10		29
30		Tues.	26		1 ·03	3 ·03		30
					2 ·93	4 ·96		
31		Wed.	27		3 ·83	5 ·90		1
1		Thur.	28		4 ·74	6 ·86		2
2		Fri.	29		5 ·67	7 ·82		3
3		Sat.	30		6 ·62	8 ·79		4

May.

4	*Dhātri.* Vrishabha—Vaigāsi.	Sun.	1		7 ·58	9 ·78		5
5		Mon.	2		8 ·55	10 ·79		6
6		Tues.	3		9 ·55	11 ·83		7
7		Wed.	4		10 ·58	12 ·88		8
8		Thur.	5		11 ·63	13 ·96		9
9		Fri.	6		12 ·69	...		10
10		Sat.	7		13 ·76	14 ·04		11
11		Sun.	8		14 ·84	15 ·14		12
12		Mon.	9	P	·93	16 ·26		13
13		Tues.	10		...	17 ·37		14
14		Wed.	11		1 ·01	18 ·46		15
15		Thur.	12		2 ·07	19 ·55		16
16		Fri.	13		3 ·12	20 ·62		17
17		Sat.	14		4 ·14	21 ·67		18
18		Sun.	15	*Śukla.*	5 ·16	22 ·70		19
19		Mon.	16	Vaiśākha.	6 ·15	23 ·71		20
20		Tues.	17		7 ·12	24 ·70		21
21		Wed.	18		8 ·07	25 ·67		22
					9 ·00			
22		Thur.	19		10 ·92	26 ·63		23
23		Fri.	20		11 ·82	27 ·58		24
24		Sat.	21		12 ·72	1 ·51		25
25		Sun.	22		13 ·62	2 ·44		26
26		Mon.	23		14 ·52	3 ·37		27
27		Tues.	24	A	·42	4 ·30		28
28		Wed.	25		1 ·32	5 ·25		29
29		Thur.	26		2 ·24	6 ·19		1
30		Fri.	27		3 ·17	7 ·15		2
31		Sat.	28		4 ·12	8 ·12		3
32		Sun.	29	*Śukla.*	5 ·08	9 ·10		4
1		Mon.	30		6 ·06	10 ·12		5
2		Tues.	31		7 ·05	11 ·15		6

June.

3	*Dhātri.* Mithuna—Āni.	Wed.	1		8 ·07	12 ·19		7
4		Thur.	2		9 ·11	13 ·26		8
5		Fri.	3		10 ·17	14 ·34		9
6		Sat.	4		11 ·24	15 ·45		10
7		Sun.	5		12 ·32	16 ·56		11
8		Mon.	6		13 ·41	17 ·66		12
9		Tues.	7		14 ·48	18 ·76		13
10		Wed.	8	P	·55	19 ·85		14
11		Thur.	9		1 ·60	20 ·93		15
12		Fri.	10		2 ·63	21 ·99		16
13		Sat.	11		3 ·64	...		17
14		Sun.	12		4 ·63	22 ·02		18
15		Mon	13		5 ·61	23 ·03		19
16		Tues.	14	*Bahula.*	6 ·55	24 ·02		20
						25 ·00		
17		Wed.	15		7 ·49	26 ·94	*H.* 1046 *Muḥarram.*	21
18		Thur.	16		8 ·41	27 ·91		22
19		Fri.	17		9 ·31	1 ·85		23
20		Sat.	18		10 ·21	2 ·78		24
21		Sun.	19		11 ·11	3 ·71		25
					12 ·01			
22		Mon.	20		13 ·91	4 ·65		26
23		Tues.	21		14 ·82	5 ·58		27
24		Wed.	22	A	·73	6 ·53		28
25		Thur.	23		1 ·63	7 ·48		29
26		Fri.	24		2 ·60	8 ·44		30
27		Sat.	25		3 ·55	9 ·44		1
28		Sun.	26		4 ·53	10 ·44		2
29		Mon.	27		5 ·52	11 ·46		3
30		Tues.	28	*Śukla.*	6 ·55	12 ·50		4
31		Wed.	29		7 ·58	13 ·56		5
1		Thur.	30		8 ·65	14 ·66		6

Naksh —1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1636. **Kollam 812,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1046.** Commences **May 26.** **Vikrama 1693.** **Bengal San. 1042.** **(N. Cycle) Pārthiva.**

A—Amāvāsyā. **P—Paurnimā.**

Dhātri.

Karkataka—Ādi.

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	July.						
2	Fri.	1	9 ·72		15 ·75		7
3	Sat.	2	10 ·79	*Sukla.*	16 ·86		8
4	Sun.	3	11 ·88		17 ·96		9
5	Mon.	4	12 ·96		... ...		10
6	Tues.	5	... ...		18 ·06		11
7	Wed.	6	13 ·03		19 ·16		12
8	Thur.	7	14 ·07	**Āshādha.**	20 ·24		13
9	Fri.	8	**P** ·11		21 ·30		14
10	Sat.	9	1 ·12		22 ·34		15
11	Sun.	10	2 ·10		23 ·35		16
12	Mon.	11	3 ·08		24 ·35		17
			4 ·03	*Bahula.*			
13	Tues.	12	5 ·97		25 ·34		18
14	Wed.	13	6 ·89		26 ·30		19
15	Thur.	14	7 ·81		27 ·25		20
16	Fri.	15	8 ·71		1 ·19		21
17	Sat.	16	9 ·61		2 ·12		22
					3 ·06		
18	Sun.	17	10 ·51		4 ·99		23
19	Mon.	18	11 ·41		5 ·92		24
20	Tues.	19	12 ·31		6 ·86		25
21	Wed.	20	13 ·21		7 ·81		26
22	Thur.	21	14 ·13		8 ·78		27
23	Fri. ●	22	—**A** ·07		9 ·76		28
24	Sat.	23	1 ·02		10 ·76		—29
25	Sun.	24	2 ·00		11 ·77		1
26	Mon.	25	3 ·00		12 ·81		2
27	Tues.	26	4 ·02		13 ·88		3
28	Wed.	27	5 ·05		14 ·96		4
29	Thur.	28	6 ·12	*Sukla.*	... ...		5
30	Fri.	29	7 ·19		15 ·05		6
31	Sat.	30	8 ·27		16 ·15		7
—32	Sun.	31	9 ·35		17 ·26		8
	Aug.						
1	Mon.	1	10 ·43		18 ·36		9
2	Tues.	2	11 ·50		19 ·47		10
3	Wed.	3	12 ·55		20 ·55		11
4	Thur.	4	13 ·59	**Śrāvana.**	21 ·61		12
5	Fri.	5	14 ·61		22 ·65		13
6	Sat. ○	6	**P** ·60		23 ·67		14
7	Sun.	7	1 ·57		24 ·68		15
8	Mon.	8	2 ·53		25 ·66		16
9	Tues.	9	3 ·47		26 ·63		17
10	Wed.	10	4 ·39	*Bahula.*	27 ·58		18
11	Thur.	11	5 ·30		1 ·52		19
12	Fri.	12	6 ·20		2 ·47		20
13	Sat.	13	7 ·10		3 ·40		21
			8 ·00				
14	Sun.	14	9 ·90		4 ·33		22
15	Mon.	15	10 ·80		5 ·26		23
16	Tues.	16	11 ·71		6 ·20		24
17	Wed.	17	12 ·64		7 ·15		25
18	Thur.	18	13 ·57		8 ·11		26
19	Fri.	19	14 ·54		9 ·09		27
20	Sat.	20	—**A** ·52		10 ·08		28
21	Sun.	21	1 ·51		11 ·09		29
22	Mon.	22	2 ·52		12 ·12		—30
23	Tues.	23	3 ·57		13 ·19		1
24	Wed.	24	4 ·63	*Sukla.*	14 ·26		2
25	Thur.	25	5 ·70		15 ·35		3
26	Fri.	26	6 ·78		16 ·45		4
27	Sat.	27	7 ·86		17 ·56		5
28	Sun.	28	8 ·95		18 ·67		6
29	Mon.	29	... ...		19 ·77		7
30	Tues.	30	9 ·02		20 ·85		8
—31	Wed.	31	10 ·07	**Bhād.**	21 ·92		9

Dhātri.

Simha—Āvani.

H. 1046 *Safar.*

H. 1046 *Rabī-ul awwal.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	Sep.						
1	Thur.	1	11 ·11		22 ·97		10
2	Fri.	2	12 ·13		... ...		11
3	Sat.	3	13 ·12		23 ·00		12
					24 ·01		
4	Sun.	4	14 ·09		25 ·99		13
			P ·06				
5	Mon.	5	1 ·99		26 ·96		14
6	Tues.	6	2 ·92		27 ·92		15
7	Wed.	7	3 ·83		1 ·87		16
8	Thur.	8	4 ·73		2 ·81		17
9	Fri.	9	5 ·63		3 ·74		18
10	Sat.	10	6 ·53		4 ·66		19
11	Sun.	11	7 ·43		5 ·60		20
12	Mon.	12	8 ·33		6 ·54		21
13	Tues.	13	9 ·25		7 ·49		22
14	Wed.	14	10 ·18		8 ·44		23
15	Thur.	15	11 ·12		9 ·41		24
16	Fri.	16	12 ·07		10 ·40		25
17	Sat.	17	13 ·05		11 ·41		26
18	Sun.	18	14 ·05		12 ·45		27
—**A**			·06		13 ·50		—29
1			·10		14 ·56		1
2			·16		15 ·65		2
3			·24		16 ·75		3
4			·32		17 ·87		4
5			·40		18 ·97		5
6			·49		... ...		6
7			·57		19 ·07		7
8			·63		20 ·16		8
9			·66		21 ·23		9
10			·69		22 ·29		10
—30			11 ·67		23 ·32		11

Dhātri.

Kanyā—Puraṭṭāśi.

Dhātri.

Tulā—Aippaśi.

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	Oct.						
1	Sat.	1	12 ·65		24 ·33		11
2	Sun.	2	13 ·62		25 ·32		12
3	Mon.	3	14 ·56		26 ·29		13
4	Tues.	4	**P** ·48		27 ·26		14
5	Wed.	5	1 ·39		1 ·21		15
6	Thur.	6	2 ·30		2 ·14		16
7	Fri.	7	3 ·20		3 ·07		17
					4 ·00		
8	Sat.	8	4 ·10		5 ·93		18
			5 ·00				
9	Sun.	9	6 ·90		6 ·88		19
10	Mon.	10	7 ·82		7 ·82		20
11	Tues.	11	8 ·74		8 ·77		21
12	Wed.	12	9 ·69		9 ·74		22
13	Thur.	13	10 ·65		10 ·72		23
14	Fri.	14	11 ·64		11 ·74		24
15	Sat.	15	12 ·64		12 ·76		25
16	Sun.	16	13 ·65		13 ·81		26
17	Mon.	17	14 ·69		14 ·87		27
18	Tues.	18	—**A** ·75		15 ·95		28
19	Wed.	19	1 ·82		... ...		29
20	Thur.	20	2 ·90		16 ·06		—30
21	Fri.	21	... ...		17 ·16		1
22	Sat.	22	3 ·00		18 ·27		2
23	Sun.	23	4 ·09		19 ·37		3
24	Mon.	24	5 ·17		20 ·46		4
25	Tues.	25	6 ·22		21 ·54		5
26	Wed.	26	7 ·25		22 ·60		6
27	Thur.	27	8 ·28		23 ·64		7
28	Fri.	28	9 ·27		24 ·65		8
29	Sat.	29	10 ·25		25 ·65		9
—30	Sun.	30	11 ·21		26 ·63		10
1	Mon.	31	12 ·15		27 ·59		11

Dhātri.

Vṛśchika—Kārttigai.

H. 1046 *Jamāda'l awwal.*

H. 1046 *Jamāda'l ākhir.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	Nov.						
2	Tues.	1	13 ·07		1 ·54		12
			14 ·99				
3	Wed.	2	**P** ·90		2 ·48		13
4	Thur.	3	1 ·80		3 ·41		14
5	Fri.	4	2 ·70		4 ·34		15
6	Sat.	5	3 ·60		5 ·28		16
7	Sun.	6	4 ·51		6 ·21		17
8	Mon.	7	5 ·43		7 ·15		18
9	Tues.	8	6 ·35		8 ·11		19
10	Wed.	9	7 ·29		9 ·07		20
11	Thur.	10	8 ·26		10 ·06		21
12	Fri.	11	9 ·25		11 ·06		22
13	Sat.	12	10 ·25		12 ·08		23
14	Sun.	13	11 ·26		13 ·12		24
15	Mon.	14	12 ·31		14 ·18		25
16	Tues.	15	13 ·38		15 ·26		26
17	Wed.	16	14 ·45		16 ·36		27
18	Thur.	17	—**A** ·53		17 ·46		28
19	Fri.	18	1 ·63		18 ·57		—29
20	Sat.	19	2 ·71		19 ·67		1
21	Sun.	20	3 ·79		20 ·77		2
22	Mon.	21	4 ·85		21 ·85		3
23	Tues.	22	5 ·90		22 ·91		4
24	Wed.	23	6 ·91		23 ·95		5
25	Thur.	24	7 ·89		24 ·97		6
26	Fri.	25	8 ·87		25 ·97		7
27	Sat.	26	9 ·83		26 ·96		8
28	Sun.	27	10 ·77		27 ·93		9
29	Mon.	28	11 ·70		1 ·88		10
—30	Tues.	29	12 ·62		2 ·82		11
1	Wed.	30	13 ·52		3 ·75		12

Dhātri.

Dhanus—Mārgaḷi.

H. 1046 *Rajab.*

H. 1046 *Śha'bān.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	Dec.						
2	Thur.	1	14 ·42		4 ·68		13
3	Fri.	2	**P** ·32		5 ·61		14
4	Sat.	3	1 ·22		6 ·55		15
5	Sun.	4	2 ·13		7 ·49		16
			3 ·05				
6	Mon.	5	4 ·99		8 ·44		17
7	Tues.	6	5 ·93		9 ·41		18
8	Wed.	7	6 ·90		10 ·38		19
9	Thur.	8	7 ·88		11 ·38		20
10	Fri.	9	8 ·89		12 ·39		21
11	Sat.	10	9 ·92		13 ·43		22
12	Sun.	11	10 ·96	*Bahula.*	14 ·49		23
13	Mon.	12	... ...		15 ·57		24
14	Tues.	13	11 ·02		16 ·66		25
15	Wed.	14	12 ·10		17 ·76		26
16	Thur.	15	13 ·19		18 ·86		27
17	Fri.	16	14 ·28		19 ·98		28
18	Sat.	17	—**A** ·36		... ...		29
19	Sun.	18	1 ·44		20 ·08		—30
20	Mon.	19	2 ·49		21 ·16		1
21	Tues.	20	3 ·54		22 ·22		2
22	Wed.	21	4 ·55		23 ·27		3
23	Thur.	22	5 ·54		24 ·29		4
24	Fri.	23	6 ·62	*Sukla.*	25 ·31		5
25	Sat.	24	7 ·47		26 ·29		6
26	Sun.	25	8 ·31		27 ·26		7
27	Mon.	26	9 ·34		1 ·21		8
28	Tues.	27	10 ·26		2 ·15		9
—29	Wed.	28	11 ·17		3 ·10		10
			12 ·07		4 ·03		
1	Thur.	29	13 ·97		5 ·96		11
2	Fri	30	14 ·87		6 ·89		12
3	Sat.	31	**P** ·78		7 ·83		13

13. Hastn. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24 Satab.

A.D. 1637. **Mésha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·57.** **Śaka 1559.** **Kaliyuga 4738.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·48.** **(S. Cycle) Īśvara.**

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.							**March.**							**May.**					
Dhātri. **Makara—Tai.** 4	Sun.	1	1 ·70	8 ·78		14	4	Wed.	1	1 ·78	12 ·36		14	4	Mon.	1	2 ·09	18 ·36		16
5	Mon.	2	2 ·63	9 ·74		15	5	Thur.	2	2 ·78	13 ·38		15	5	Tues.	2	3 ·17	19 ·47		17
6	Tues.	3	3 ·58	10 ·71		16	6	Fri.	3	3 ·81	14 ·42		16	6	Wed.	3	4 ·26	20 ·58		18
7	Wed.	4	4 ·55	11 ·70		17	7	Sat.	4	4 ·86	15 ·48		17	7	Thur.	4	5 ·34	21 ·68		19
8	Thur.	5	5 ·53	12 ·71		18	8	Sun.	5	5 ·92	16 ·56		18	8	Fri.	5	6 ·40	22 ·77		20
9	Fri.	6	6 ·54	13 ·75		19	9	Mon.	6	...	17 ·66		19	9	Sat.	6	7 ·45	23 ·84		21
10	Sat.	7	7 ·56	14 ·80		20	10	Tues.	7	6 ·00	18 ·77		20	10	Sun.	7	8 ·48	24 ·88		22
11	Sun.	8	8 ·61	15 ·87		21	11	Wed.	8	7 ·09	19 ·87		21	11	Mon.	8	9 ·48	25 ·92		23
12	Mon.	9	9 ·67	16 ·96		22	12	Thur.	9	8 ·18	20 ·98		22	12	Tues.	9	10 ·47	26 ·93		24
13	Tues.	10	10 ·76	.. ...		23	13	Fri.	10	9 ·25	..		23	13	Wed.	10	11 ·44	27 ·91		25
14	Wed.	11	11 ·85	17 ·06		24	14	Sat.	11	10 ·31	21 ·07		24	14	Thur.	11	12 ·39	1 ·89		26
15	Thur.	12	12 ·94	18 ·16		25	15	Sun.	12	11 ·37	22 ·16		25	15	Fri.	12	13 ·32	2 ·84		27
16	Fri.	13	... ...	19 ·28		26	16	Mon.	13	12 ·41	23 ·22		26	16	Sat.	13	14 ·23	3 ·80		28
17	Sat.	14	13 ·02	20 ·38		27	17	Tues.	14	13 ·42	24 ·25		27	17	Sun.	14	A ·14	4 ·73		29
18	Sun.	15	14 ·09	21 ·46		28	18	Wed.	15	14 ·40	25 ·27		28	18	Mon.	15	1 ·04 2 ·94	5 ·66		30
19	Mon. ●	16	A ·15	22 ·53		—29	19	Thur.	16	A ·37	26 ·27		—29	19	Tues.	16	3 ·84	6 ·59		1
20	Tues.	17	1 ·18	23 ·58		1	20	Fri.	17	1 ·32	27 ·26		1	20	Wed.	17	4 ·74	7 ·52		2
21	Wed.	18	2 ·19	24 ·62		2	21	Sat.	18	2 ·25	1 ·22		2	21	Thur.	18	5 ·64	8 ·46		3
22	Thur.	19	3 ·19	25 ·63		3	22	Sun.	19	3 ·18	2 ·17		3	22	Fri.	19	6 ·56	9 ·41		4
23	Fri.	20	4 ·16	26 ·62		4	23	Mon.	20	4 ·08	3 ·11		4	23	Sat.	20	7 ·49	10 ·37		5
24	Sat.	21	5 ·12	27 ·59		5				5 ·98		4 ·04		24	Sun.	21	8 ·43	11 ·34		6
25	Sun.	22	6 ·05 7 ·98	1 ·55		6	24	Tues.	21	6 ·88	5 ·97		5	25	Mon.	22	9 ·40	12 ·32		7
26	Mon.	23	8 ·89	2 ·50		7	25	Wed.	22	7 ·78	6 ·91		6	26	Tues.	23	10 ·37	13 ·33		8
27	Tues.	24	9 ·79	3 ·44		8	26	Thur.	23	8 ·69	7 ·85		7	27	Wed.	24	11 ·38	14 ·37		9
28	Wed.	25	10 ·69	4 ·37		9	27	Fri.	24	9 ·60	8 ·78		8	28	Thur.	25	12 ·40	15 ·41		10
—29	Thur.	26	11 ·59	5 ·30		10	28	Sat.	25	10 ·52	9 ·73		9	29	Fri.	26	13 ·46	16 ·48		11
1	Fri.	27	12 ·50	6 ·23		11	29	Sun.	26	11 ·45	10 ·70		10	30	Sat.	27	14 ·52	17 ·56		12
2	Sat.	28	13 ·41	7 ·17		12	—30	Mon.	27	12 ·49	11 ·68		11	31	Sun.	28	P ·59	18 ·66		13
3	Sun.	29	14 ·33	8 ·12		13	1	Tues.	28	13 ·36	12 ·68		12	—32	Mon.	29	1 ·67	19 ·78		14
4	Mon.	30	P ·26	9 ·07		14	2	Wed.	29	14 ·35	13 ·69		13	1	Tues.	30	2 ·75	20 ·88		15
5	Tues.	31	1 ·21	10 ·04		15	3	Thur.	30	P ·35	14 ·73		14	2	Wed.	31	3 ·83	21 ·98		16
							4	Fri.	31	1 ·38	15 ·79		15							
	Feb.							**April.**							**June.**					
Dhātri. **Kumbha—Māsi.** 6	Wed.	1	2 ·18	11 ·02		16	5	Sat.	1	2 ·42	16 ·87		16	3	Thur.	1	4 ·89	...		17
7	Thur.	2	3 ·16	12 ·03		17	6	Sun.	2	3 ·47	17 ·96		17	4	Fri.	2	5 ·93	22 ·07		18
8	Fri.	3	4 ·17	13 ·06		18	7	Mon.	3	4 ·56	. ...		18	5	Sat.	3	6 ·96	23 ·14		19
9	Sat.	4	5 ·21	14 ·11		19	8	Tues.	4	5 ·65	18 ·07		19	6	Sun.	4	7 ·97	24 ·21		20
10	Sun.	5	6 ·26	15 ·17		20	9	Wed.	5	6 ·74	19 ·17		20	7	Mon.	5	8 ·96	25 ·24		21
11	Mon.	6	7 ·32	16 ·26		21	10	Thur.	6	7 ·81	20 ·28		21	8	Tues.	6	9 ·92	26 ·25		22
12	Tues.	7	8 ·40	17 ·36		22	11	Fri.	7	8 ·88	21 ·38		22	9	Wed.	7	10 ·88	27 ·24		23
13	Wed.	8	9 ·49	18 ·47		23	12	Sat.	8	9 ·93	22 ·46		23	10	Thur.	8	11 ·81	1 ·22		24
14	Thur.	9	10 ·57	19 ·58		24	13	Sun.	9	10 ·96	23 ·53		24	11	Fri	9	12 ·73	2 ·17		25
15	Fri.	10	11 ·65	20 ·68		25	14	Mon.	10	11 ·97	24 ·57		25	12	Sat.	10	13 ·63	3 ·13		26
16	Sat.	11	12 ·72	21 ·77		26	15	Tues.	11	12 ·95	25 ·59		26	13	Sun.	11	14 ·53	4 ·07		27
17	Sun.	12	13 ·78	22 ·84		27	16	Wed.	12	13 ·92	26 ·60		27	14	Mon.	12	A ·43	5 ·00 6 ·93		28
18	Mon	13	14 ·81	23 ·90		28	17	Thur.	13	14 ·87	27 ·59		28	15	Tues.	13	1 ·33	7 ·86		29
19	Tues	14	A ·82	24 ·94		29	18	Fri.	14	A ·80	1 ·55		29	16	Wed.	14	2 ·23	8 ·80		—30
20	Wed.	15	1 ·81	25 ·95		—30	19	Sat.	15	1 ·72	2 ·51		—30	17	Thur.	15	3 ·14	9 ·74		1
21	Thur.	16	2 ·78	26 ·94		1	20	Sun.	16	2 ·63	3 ·45		1	18	Fri.	16	4 ·06 5 ·98	10 ·70		2
22	Fri.	17	3 ·73	27 ·92		2	21	Mon.	17	3 ·53	4 ·39		2	19	Sat.	17	6 ·92	11 ·66		3
23	Sat.	18	4 ·66	1 ·89		3	22	Tues.	18	4 ·43	5 ·32		3	20	Sun.	18	7 ·88	12 ·65		4
24	Sun.	19	5 ·59	2 ·84		4	23	Wed.	19	5 ·33	6 ·25		4	21	Mon.	19	8 ·85	13 ·66		5
25	Mon.	20	6 ·50	3 ·77		5	24	Thur.	20	6 ·23	7 ·18		5	22	Tues.	20	9 ·86	14 ·68		6
26	Tues.	21	7 ·41	4 ·71		6	25	Fri.	21	7 ·11	8 ·12		6	23	Wed.	21	10 ·88	15 ·72		7
27	Wed.	22	8 ·31	5 ·64		7				8 ·05		9 ·08		24	Thur.	22	11 ·93	16 ·79		8
28	Thur.	23	9 ·21	6 ·57		8	26	Sat.	22	9 ·98	9 ·08		7	25	Fri.	23	12 ·98	17 ·87		9
29	Fri.	24	10 ·11	7 ·51		9	27	Sun.	23	10 ·93	10 ·04		8	26	Sat.	24	...	18 ·97		10
—30	Sat.	25	11 ·02 12 ·94	8 ·45		10	28	Mon.	24	11 ·90	11 ·01		9	27	Sun.	25	13 ·96	.		11
1	Sun.	26	13 ·86	9 ·40		11	29	Tues.	25	12 ·88	12 ·00		10	28	Mon.	26	14 ·11	19 ·08		12
2	Mon.	27	14 ·82	10 ·37		12	30	Wed.	26	13 ·88	13 ·01		11	29	Tues.	27	P ·22	20 ·18		13
3	Tues.	28	P ·79	11 ·35		13	—31	Thur.	27	14 ·91	14 ·04		12	30	Wed.	28	1 ·30	21 ·28		14
							1	Fri.	28	P ·95	15 ·10		13	—31	Thur.	29	2 ·36	22 ·38		15
							2	Sat.	29	... ...	16 ·18		14	1	Fri.	30	3 ·41	23 ·46		16
							3	Sun.	30	1 ·02	17 ·26		15							

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27 Rev.

A.D. 1637. **Kollam 813,** { **N. Malabar—Sep.** **Hijra 1047.** **Vikrama 1694.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 16.** **Bengal San. 1043.**
P—Paurnimā. **(N. Cycle) Vyaya.**

SOLAR reckoning.			LUNAR reckoning.					SOLAR reckoning.			LUNAR reckoning.					SOLAR reckoning.			LUNAR reckoning.				
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	July.								**Sep.**								**Nov.**						
	Sat.	1	4	·44	24	·52	17		Fri.	1	7	·13	4	08	20		Wed.	1	10	·64	11	·32	22
	Sun.	2	5	·45	25	·56	18		Sat.	2	8	·03	5	·02	21		Thur.	2	11	·58	12	·29	23
	Mon.	3	6	·44	26	·57	19				9	·93	6	·95			Fri.	3	12	·55	13	·27	24
	Tues.	4	7	·41	27	·57	20		Sun.	3	10	·83	7	·88	22		Sat.	4	13	·53	14	·28	25
	Wed.	5	8	·36	1	·55	21		Mon.	4	11	·73	8	·81	23		Sun.	5	14	·54	15	·30	26
	Thur.	6	9	·29	2	·52	22		Tues.	5	12	·64	9	·75	24		Mon.	6	A	·56	16	·34	27
	Fri.	7	10	·21	3	·47	23		Wed.	6	13	·56	10	·70	25		Tues.	7	1	·61	17	·40	28
	Sat.	8	11	·12	4	·41	24		Thur.	7	14	·49	11	·66	26		Wed.	8	2	·67	18	·47	29
	Sun.	9	12	·02	5	·34	25		Fri.	8	A	·43	12	·63	27		Thur.	9	3	·75	19	·58	1
			13	·92					Sat.	9	1	·39	13	·62	28		Fri.	10	4	·84	20	·68	2
	Mon.	10	14	·82	6	·27	26		Sun.	10	2	·36	14	·63	29		Sat.	11	5	·92	21	·79	3
	Tues.	11	A	·71	7	·21	27		Mon.	11	3	·35	15	·66	1		Sun.	12	...	...	22	·89	4
	Wed.	12	1	·61	8	·14	28		Tues.	12	4	·38	16	·72	2		Mon.	13	6	00	23	·98	5
	Thur.	13	2	·53	9	·08	29		Wed.	13	5	·42	17	·79	3		Tues.	14	7	·07	...	...	6
	Fri.	14	3	·45	10	·03	1		Thur.	14	6	·48	18	·87	4		Wed.	15	8	·14	24	·07	7
					11	·99			Fri.	15	7	·55	19	·97	5		Thur.	16	9	·18	25	·13	8
	Sat.	15	4	·40	12	·98	2		Sat.	16	8	·64	...	...	6		Fri.	17	10	·20	26	·17	9
	Sun.	16	5	·35	13	·98	3		Sun.	17	9	·72	20	·08	7		Sat.	18	11	·18	27	·19	10
	Mon.	17	6	·34	14	·99	4		Mon.	18	10	·80	21	·19	8		Sun.	19	12	·16	1	·19	11
	Tues.	18	7	·34	...	...	5		Tues.	19	11	·88	22	·29	9		Mon.	20	13	·12	2	·18	12
	Wed.	19	8	·36	15	·03	6		Wed.	20	12	·93	23	·38	10				14	·05			
	Thur.	20	9	·39	16	·09	7		Thur.	21	13	·97	24	·45	11		Tues.	21	P	·98	3	·15	13
	Fri.	21	10	·45	17	·18	8		Fri.	22	14	·99	25	·50	12		Wed.	22	1	·90	4	·10	14
	Sat.	22	11	·52	18	·27	9		Sat.	23	P	1	98	26	·51	13							
	Sun.	23	12	·60	19	·37	10		Sun.	24	1	·96	27	·55	14		Thur.	23	2	·80	5	·04	15
	Mon.	24	13	·69	20	·48	11		Mon.	25	2	·93	1	·54	15						6	·97	
	Tues.	25	14	·77	21	·58	12		Tues.	26	3	·85	2	·51	16		Fri.	24	3	·70	7	·90	16
	Wed.	26	P	·84	22	·68	13		Wed.	27	4	·76	3	·47	17		Sat.	25	4	·60	8	·84	17
	Thur.	27	1	·89	23	·77	14		Thur.	28	5	·67	4	·43	18		Sun.	26	5	·51	9	·77	18
	Fri.	28	2	·92	24	·83	15		Fri.	29	6	·58	5	·36	19		Mon.	27	6	·42	10	·71	19
	Sat	29	3	·94	25	·87	16		Sat	30	7	·49	6	·29	20		Tues.	28	7	·33	11	·66	20
	Sun	30	4	·92	26	·89	17										Wed.	29	8	·27	12	·62	21
	Mon.	31	5	·89	27	·89	18										Thur.	30	9	·22	13	·60	22
	Aug.								**Oct.**								**Dec.**						
	Tues.	1	6	·84	1	·88	19		Sun.	1	8	·39	7	·22	21		Fri.	1	10	·18	14	·60	23
	Wed.	2	7	·78	2	·85	20		Mon.	2	9	·29	8	·15	22		Sat.	2	11	·17	15	·61	24
	Thur.	3	8	·70	3	·80	21		Tues.	3	10	·20	9	·10	23		Sun.	3	12	·18	16	·65	25
	Fri.	4	9	·61	4	·71	22		Wed.	4	11	·12	10	·04	24		Mon.	4	13	·20	17	·70	26
	Sat.	5	10	·51	5	·68	23						11	·93			Tues.	5	14	·25	18	·79	27
	Sun	6	11	·41	6	·62	24		Thur.	5	12	·05	12	·96	25		Wed.	6	A	·32	19	·88	28
	Mon.	7	12	·31	7	·55	25				13	·99					Thur.	7	1	·40	20	·98	29
	Tues.	8	13	·21	8	·48	26		Fri.	6	14	·95	13	·94	26		Fri.	8	2	·49	...	...	30
	Wed.	9	14	·12	9	·41	27		Sat.	7	A	·93	14	·95	27		Sat.	9	3	·59	21	·09	1
			A	·03					Sun.	8	1	·94	15	·98	28		Sun.	10	4	·66	22	·19	2
	Thur.	10	1	·95	10	·36	28		Mon.	9	2	·95	...	...	29		Mon.	11	5	·72	23	·30	3
	Fri.	11	2	·89	11	·33	29		Tues.	10	3	·99	16	·03	30		Tues.	12	6	·78	24	·38	4
	Sat.	12	3	·85	12	·31	30		Wed.	11	...	...	17	·09	1		Wed.	13	7	·82	25	·44	5
	Sun.	13	4	·82	13	·30	1		Thur.	12	4	·05	18	·17	2		Thur.	14	8	·84	26	·49	6
	Mon.	14	5	·83	14	31	2		Fri.	13	5	·13	19	·27	3		Fri.	15	9	·83	27	·51	7
	Tues.	15	6	·85	15	34	3		Sat.	14	6	·21	20	·38	4		Sat.	16	10	·81	1	·52	8
	Wed.	16	7	·89	16	·41	4		Sun.	15	7	·30	21	·49	5		Sun.	17	11	·76	2	·51	9
	Thur.	17	8	·96	17	·48	5		Mon.	16	8	·39	22	·59	6		Mon.	18	12	·70	3	·48	10
	Fri.	18	...	...	18	·57	6		Tues.	17	9	·46	23	·68	7		Tues.	19	13	·62	4	·43	11
	Sat.	19	9	·03	19	·67	7		Wed.	18	10	·52	24	·76	8		Wed.	20	14	·53	5	·37	12
	Sun.	20	10	·10	20	·78	8		Thur.	19	11	·55	25	·82	9		Thur.	21	P	·44	6	·31	13
	Mon.	21	11	·19	21	·89	9		Fri.	20	12	·57	26	·86	10		Fri.	22	1	·34	7	·25	14
	Tues.	22	12	·27	22	·99	10		Sat.	21	13	·56	27	·87	11		Sat.	23	2	·24	8	·18	15
	Wed.	23	13	·34	...	...	11		Sun.	22	14	·54	1	·87	12		Sun.	24	3	·15	9	·11	16
	Thur.	24	14	·39	23	·07	12		Mon.	23	P	·51	2	·84	13								
	Fri.	25	P	·43	24	·14	13		Tues	24	1	·44	3	·81	14		Mon.	25	1	·06	10	·05	17
	Sat	26	1	·45	25	·19	14		Wed.	25	2	·36	4	·76	15				5	·97	11	·99	
	Sun	27	2	·43	26	·21	15		Thur.	26	3	·27	5	·70	16		Tues.	26	6	·91	12	·96	18
	Mon.	28	3	·41	27	·23	16		Fri.	27	4	·18	6	·63	17		Wed.	27	7	·86	13	·93	19
	Tues.	29	4	·37	1	21	17		Sat.	28	5	·08	7	·56	18		Thur.	28	8	·82	14	·92	20
	Wed.	30	5	·30	2	·18	18				6	·98					Fri.	29	9	·81	15	·93	21
	Thur.	31	6	·22	3	14	19		Sun.	29	7	·88	8	·49	19		Sat.	30	10	·82	16	·96	22
									Mon.	30	8	·79	9	·43	20		Sun.	31	11	·85	...	...	23
									Tues.	31	9	·71	10	·37	21								

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23 Dhani. 24 Śatab.

A.D. 1638. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·83.** **Śaka 1560.** **Kaliyuga 4739.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·74.** **(S. Cycle) Bahudhānya.**

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.		Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	
	Jan.							**March.**					
Īśvara. **Makara—Tai.**			*Bahula.*				*Īśvara.* **Mīna—Pāṅguni.**						
4	Mon.	1	12·90	17·02	24		4	Thur.	1	11·41	... ...	24	
5	Tues.	2	13·96	18·09	25		5	Fri.	2	12·49	22·10	25	
6	Wed.	3	... ...	19·18	26		6	Sat.	3	13·57	23·20	26	
7	Thur.	4	14·04	20·28	27		7	Sun.	4	14·63	24·29	27	
8	Fri. ●	5	—**A** ·14	21·38	28		8	Mon.	5	—**A** ·67	25·37	28	
9	Sat.	6	1·23	22·49	—29		9	Tues.	6	1·71	26·44	—29	
10	Sun.	7	2·31	23·60	1		10	Wed.	7	2·71	27·47	1	
11	Mon.	8	3·38	24·68	2		11	Thur.	8	3·70	1·49	2	
12	Tues.	9	4·43	25·75	3		12	Fri.	9	4·66	2·49	3	
13	Wed.	10	5·47	26·80	4		13	Sat.	10	5·61	3·47	4	
14	Thur.	11	6·48	27·83	5		14	Sun.	11	6·55	4·44	5	
15	Fri.	12	7·47	1·85	6		15	Mon.	12	7·48	5·39	6	
16	Sat.	13	8·45	2·84	7		16	Tues.	13	8·39	6·33	7	
17	Sun.	14	9·39	3·81	8		17	Wed.	14	9·29	7·26	8	
18	Mon.	15	10·33	4·77	9		18	Thur.	15	10·18	8·19	9	
19	Tues.	16	11·25	5·71	10		19	Fri.	16	{11·08 12·99	9·13	10	
20	Wed.	17	12·17	6·66	11		20	Sat.	17	13·90	{10·07 11·01	11	
21	Thur.	18	{13·07 14·97	7·59	12		21	Sun.	18	14·82	12·95	12	
22	Fri.	19	**P** ·87	8·52	13		22	Mon.	19	**P** ·75	13·92	13	
23	Sat.	20	1·78	9·45	14		23	Tues.	20	1·70	14·89	14	
24	Sun.	21	2·69	10·38	15		24	Wed.	21	2·67	15·90	15	
25	Mon.	22	3·61	11·33	16		25	Thur.	22	3·65	16·91	16	
26	Tues.	23	4·55	12·29	17		26	Fri.	23	4·66	17·95	17	
27	Wed.	24	5·50	13·26	18		27	Sat.	24	5·69	... ...	18	
28	Thur.	25	6·46	14·24	19		28	Sun.	25	6·74	18·01	19	
29	Fri.	26	7·46	15·25	20		29	Mon.	26	7·81	19·08	20	
—30	Sat.	27	8·47	16·28	21		30	Tues.	27	8·89	20·18	21	
1	Sun.	28	9·50	17·33	22		—31	Wed.	28	9·98	21·29	22	
2	Mon.	29	10·54	18·40	23		1	Thur.	29	... ...	22·39	23	
3	Tues.	30	11·61	19·48	24		2	Fri.	30	10·06	23·50	24	
4	Wed.	31	12·69	20·58	25		3	Sat.	31	11·14	24·59	25	
	Feb.							**April.**					
Īśvara. **Kumbha—Māśi.**			*Śukla.*				*Bahudhānya.* **Mēsha—Chittirai.**						
5	Thur.	1	13·78	21·68	26		4	Sun.	1	12·20	25·68	26	
6	Fri.	2	14·87	22·80	27		5	Mon.	2	13·24	26·75	27	
7	Sat.	3	—**A** ·95	23·90	28		6	Tues.	3	14·27	27·79	28	
8	Sun.	4	... ...	24·99	29		7	Wed.	4	—**A** ·28	1·81	29	
9	Mon.	5	1·02	... ...	—30		8	Thur.	5	1·26	2·81	30	
10	Tues.	6	2·07	25·06	1		9	Fri.	6	2·22	3·81	1	
11	Wed.	7	3·10	26·12	2		10	Sat.	7	3·17	4·77	2	
12	Thur.	8	4·11	27·16	3		11	Sun.	8	4·10	5·73	3	
13	Fri.	9	5·11	1·17	4		12	Mon.	9	{5·03 6·94	6·67	4	
14	Sat.	10	6·08	2·16	5		13	Tues.	10	7·84	7·60	5	
15	Sun.	11	{7·02 8·95	3·14	6		14	Wed.	11	8·74	8·53	6	
16	Mon.	12	9·87	{4·10 5·06	7		15	Thur.	12	9·64	9·47	7	
17	Tues.	13	10·79	6·99	8		16	Fri.	13	10·54	10·40	8	
18	Wed.	14	11·70	7·93	9		17	Sat.	14	11·44	11·34	9	
19	Thur.	15	12·60	8·86	10		18	Sun.	15	12·36	12·29	10	
20	Fri.	16	13·50	9·78	11		19	Mon.	16	13·30	13·24	11	
21	Sat.	17	14·40	10·72	12		20	Tues.	17	14·25	14·23	12	
22	Sun.	18	**P** ·31	11·67	13		21	Wed.	18	**P** ·21	15·22	13	
23	Mon.	19	1·23	12·62	14		22	Thur.	19	1·19	16·23	14	
24	Tues.	20	2·17	13·59	15		23	Fri.	20	2·20	17·26	15	
25	Wed.	21	3·12	14·57	16		24	Sat.	21	3·22	18·31	16	
26	Thur.	22	4·09	15·57	17		25	Sun.	22	4·27	19·39	17	
27	Fri.	23	5·07	16·60	18		26	Mon.	23	5·33	20·48	18	
28	Sat.	24	6·08	17·64	19		27	Tues.	24	6·42	21·58	19	
—29	Sun.	25	7·11	18·70	20		28	Wed.	25	7·51	22·69	20	
1	Mon.	26	8·15	19·78	21		29	Thur	26	8·59	23·80	21	
2	Tues.	27	9·22	20·87	22		30	Fri.	27	9·66	24·90	22	
3	Wed.	28	10·32	21·99	23		—31	Sat.	28	10·72	25·99	23	
							1	Sun.	29	11·77	... ...	24	
							2	Mon.	30	12·79	26·06	25	
	May.												
Bahudhānya. **Vṛishabha—Vaigāśi.**			*Śukla.*				*Bahudhānya.* **Mithuna—Āni.**						
3	Tues.	1	13·80	27·10	26		3	Fri.	1	14·20	4·44	28	
4	Wed.	2	14·79	1·13	27		4	Sat.	2	—**A** ·13	5·39	29	
5	Thur.	3	—**A** ·75	2·15	28		5	Sun.	3	{1·05 2·95	6·34	—30	
6	Fri.	4	1·69	3·13	—29		6	Mon.	4	3·85	7·29	1	
7	Sat.	5	2·62	4·10	1		7	Tues.	5	4·75	8·22	2	
8	Sun.	6	3·55	5·06	2		8	Wed.	6	5·65	9·15	3	
9	Mon.	7	{4·45 6·00	{6·00 7·94	3		9	Thur.	7	6·55	10·08	4	
10	Tues.	8	5·35	8·88	4		10	Fri.	8	7·46	{11·01 12·96	5	
11	Wed.	9	6·25	9·81	5		11	Sat.	9	8·37	13·91	6	
12	Thur.	10	7·15	10·74	6		12	Sun.	10	9·30	14·88	7	
13	Fri.	11	{8·05 9·96	11·68	7		13	Mon.	11	10·24	15·87	8	
14	Sat.	12	10·87	12·62	8		14	Tues.	12	11·20	16·87	9	
15	Sun.	13	11·81	13·59	9		15	Wed.	13	12·18	17·90	10	
16	Mon.	14	12·76	14·56	10		16	Thur.	14	13·18	18·94	11	
17	Tues.	15	13·72	15·54	11		17	Fri.	15	14·21	.. ..	12	
18	Wed.	16	14·70	16·55	12		18	Sat. ○	16	**P** ·25	19·01	13	
19	Thur.	17	**P** ·70	17·58	13		19	Sun.	17	1·32	20·09	14	
20	Fri.	18	1·73	18·63	14		20	Mon.	18	2·39	21·18	15	
21	Sat.	19	2·78	19·70	15		21	Tues.	19	3·46	22·30	16	
22	Sun.	20	3·84	20·79	16		22	Wed.	20	4·55	23·40	17	
23	Mon.	21	4·92	21·88	17		23	Thur.	21	5·63	24·51	18	
24	Tues.	22	... ...	22·99	18		24	Fri.	22	6·70	25·60	19	
25	Wed.	23	5·00	... ...	19		25	Sat.	23	7·74	26·67	20	
26	Thur.	24	6·08	23·10	20		26	Sun.	24	8·77	27·73	21	
27	Fri.	25	7·16	24·21	21		27	Mon.	25	9·78	1·78	22	
28	Sat.	26	8·23	25·29	22		28	Tues.	26	10·76	2·79	23	
29	Sun.	27	9·26	26·37	23		29	Wed.	27	11·73	3·79	24	
30	Mon.	28	10·28	27·42	24		30	Thur.	28	12·67	4·77	25	
—31	Tues.	29	11·30	1·45	25		31	Fri.	29	13·60	5·73	26	
1	Wed.	30	12·28	2·47	26		—32	Sat.	30	14·52	6·69	27	
2	Thur.	31	13·25	3·46	27								

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1638. **Kollam 814,** { **N. Malabar—Sep.** **Hijra 1048.** **Vikrama 1695.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 5.** **Bengal San. 1044.**
P—Paurnimā. **(N. Cycle) Sarvajit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Bahudhānya. **Karkaṭaka—Ādi.**	Sun.	1	—**A** ·43	7 ·63	28	*Bahudhānya.* **Kanyā—Puraṭṭāsi.**	Sat.	1	4 ·73	15 ·85	2	*Bahudhānya.* **Vṛiśchika—Kārttigai.**	Thur.	1	6 ·97	21 ·69	4
	Mon.	2	1 ·33	8 ·56	—29		Sun.	2	5 ·69	16 ·84	3		Fri.	2	... ...	22 ·79	5
	Tues.	3	2 ·23	9 ·49	1		Mon.	3	6 ·67	17 ·85	4		Sat.	3	7 ·05	23 ·90	6
	Wed.	4	3 ·13	10 ·42	2		Tues.	4	7 ·68	18 ·88	5		Sun.	4	8 ·13	... ...	7
	Thur.	5	4 ·03 5 ·94	11 ·36	3		Wed.	5	8 ·69	19 ·93	6		Mon.	5	9 ·22	24 ·01	8
	Fri.	6	6 ·85	12 ·30	4		Thur.	6	9 ·74	... ...	7		Tues.	6	10 ·30	25 ·11	9
	Sat.	7	7 ·78	13 ·25	5		Fri.	7	10 ·80	20 ·01	8		Wed.	7	11 ·38	26 ·21	10
	Sun.	8	8 ·72	14 ·21	6		Sat.	8	11 ·88	21 ·09	9		Thur.	8	12 ·43	27 ·28	11
	Mon.	9	9 ·68	15 ·19	7		Sun.	9	12 ·97	22 ·19	10		Fri.	9	13 ·47	1 ·34	12
	Tues.	10	10 ·66	16 ·20	8		Mon.	10	... ...	23 ·30	11		Sat.	10	14 ·48	2 ·39	13
	Wed.	11	11 ·66	17 ·23	9		Tues.	11	13 ·05	24 ·40	12		Sun.	11	**P** ·47	3 ·41	14
	Thur.	12	12 ·69	18 ·25	10		Wed.	12	14 ·12	25 ·51	13		Mon.	12	1 ·45	4 ·41	15
	Fri.	13	13 ·73	19 ·31	11		Thur.	13	**P** ·19	26 ·60	14		Tues.	13	2 ·40	5 ·39	16
	Sat.	14	14 ·79	20 ·39	12		Fri.	14	1 ·25	27 ·67	15		Wed.	14	3 ·34	6 ·36	17
	Sun.	15	**P** ·86	21 ·48	13		Sat.	15	2 ·28	1 ·72	16		Thur.	15	4 ·27	7 ·32	18
	Mon.	16	1 ·94	22 ·59	14		Sun.	16	3 ·29	2 ·75	17		Fri.	16	5 ·18	8 ·26	19
	Tues.	17	... ...	23 ·70	15		Mon.	17	4 ·28	3 ·77	18		Sat.	17	6 ·09 7 ·99	9 ·19	20
	Wed.	18	2 ·02	24 ·80	16		Tues.	18	5 ·26	4 ·76	19		Sun.	18	8 ·89	10 ·12	21
	Thur.	19	3 ·11	25 ·90	17		Wed.	19	6 ·21	5 ·73	20		Mon.	19	9 ·79	11 ·05 12 ·99	22
	Fri.	20	4 ·17	26 ·98	18		Thur.	20	7 ·14	6 ·69	21		Tues.	20	10 ·70	13 ·93	23
	Sat.	21	5 ·21	... ...	19		Fri.	21	8 ·07 9 ·98	7 ·64	22		Wed.	21	11 ·62	14 ·88	24
	Sun.	22	6 ·25	27 ·05	20		Sat.	22	10 ·88	8 ·57	23		Thur.	22	12 ·55	15 ·84	25
	Mon.	23	7 ·26	1 ·09	21		Sun.	23	11 ·78	9 ·51	24		Fri.	23	13 ·50	16 ·81	26
	Tues.	24	8 ·24	2 ·11	22		Mon.	24	12 ·68	10 ·44	25		Sat.	24	14 ·47	17 ·82	27
	Wed.	25	9 ·21	3 ·11	23		Tues.	25	13 ·58	11 ·37	26		Sun.	25	—**A** ·45	18 ·83	28
	Thur.	26	10 ·16	4 ·09	24		Wed.	26	14 ·48	12 ·31	27		Mon.	26	1 ·46	19 ·87	29
	Fri.	27	11 ·10	5 ·07	25		Thur.	27	—**A** ·41	13 ·25	28		Tues.	27	2 ·50	20 ·92	—30
	Sat.	28	12 ·01 13 ·92	6 ·02 7 ·96	26		Fri.	28	1 ·34	14 ·21	29		Wed.	28	3 ·55	... ...	1
	Sun.	29	14 ·82	8 ·90	27		Sat.	29	2 ·29	15 ·18	—30		Thur.	29	4 ·61	21 ·00	2
	Mon.	30	—**A** ·72	9 ·83	28		Sun.	30	3 ·25	16 ·16	1		Fri.	30	5 ·68	22 ·10	3
	Tues.	31	1 ·62	10 ·76	29												
	Aug.						**Oct.**						**Dec.**				
Bahudhānya. **Siṁha—Āvaṇi.**	Wed.	1	2 ·52	11 ·69	—30		Mon.	1	4 ·23	17 ·17	2	*Bahudhānya.* **Dhanus—Mārgali.**	Sat.	1	6 ·76	23 ·20	4
	Thur.	2	3 ·43	12 ·63	1		Tues.	2	5 ·24	18 ·19	3		Sun.	2	7 ·85	24 ·31	5
	Fri.	3	4 ·34	13 ·58	2		Wed.	3	6 ·26	19 ·25	4		Mon.	3	8 ·95	25 ·41	6
	Sat.	4	5 ·27	14 ·54	3		Thur.	4	7 ·31	20 ·31	5		Tues.	4	... ...	26 ·51	7
	Sun.	5	6 ·21	15 ·52	4		Fri.	5	8 ·36	21 ·39	6		Wed.	5	9 ·02	27 ·59	8
	Mon.	6	7 ·17	16 ·52	5		Sat.	6	9 ·44	22 ·49	7		Thur.	6	10 ·07	1 ·66	9
	Tues.	7	8 ·15	17 ·53	6		Sun.	7	10 ·54	23 ·59	8		Fri.	7	11 ·11	2 ·71	10
	Wed.	8	9 ·16	18 ·56	7		Mon.	8	11 ·62	24 ·71	9		Sat.	8	12 ·12	3 ·73	11
	Thur.	9	10 ·17	19 ·62	8		Tues.	9	12 ·69	25 ·81	10		Sun.	9	13 ·11	4 ·74	12
	Fri.	10	11 ·22	20 ·69	9		Wed.	10	13 ·76	26 ·90	11		Mon.	10	14 ·09	5 ·72	13
	Sat.	11	12 ·28	21 ·79	10		Thur.	11	14 ·82	27 ·98	12		Tues.	11	**P** ·04 1 ·97	6 ·70	14
	Sun.	12	13 ·35	22 ·89	11		Fri.	12	**P** ·85	... ...	13		Wed.	12	2 ·89	7 ·65	15
	Mon.	13	14 ·44	... ...	12		Sat.	13	1 ·88	1 ·04	14		Thur.	13	3 ·81	8 ·59	16
	Tues.	14	**P** ·52	23 ·00	13		Sun.	14	2 ·86	2 ·08	15		Fri.	14	4 ·71	9 ·53	17
	Wed.	15	1 ·60	24 ·10	14		Mon.	15	3 ·84	3 ·09	16		Sat.	15	5 ·61	10 ·46	18
	Thur.	16	2 ·66	25 ·20	15		Tues.	16	4 ·79	4 ·09	17		Sun.	16	6 ·52	11 ·40	19
	Fri.	17	3 ·71	26 ·29	16		Wed.	17	5 ·73	5 ·06	18		Mon.	17	7 ·43	12 ·33	20
	Sat.	18	4 ·74	27 ·36	17		Thur.	18	6 ·65	6 ·02 7 ·97	19		Tues.	18	8 ·34	13 ·26	21
	Sun.	19	5 ·76	1 ·41	18		Fri.	19	7 ·56	8 ·92	20		Wed.	19	9 ·26	14 ·21	22
	Mon.	20	6 ·75	2 ·43	19		Sat.	20	8 ·47	9 ·85	21		Thur.	20	10 ·19	15 ·17	23
	Tues.	21	7 ·71	3 ·44	20		Sun.	21	9 ·37	10 ·78	22		Fri.	21	11 ·14	16 ·15	24
	Wed.	22	8 ·66	4 ·43	21		Mon.	22	10 ·27	11 ·71	23		Sat.	22	12 ·12	17 ·14	25
	Thur.	23	9 ·60	5 ·40	22		Tues.	23	11 ·17	12 ·64	24		Sun.	23	13 ·10	18 ·15	26
	Fri.	24	10 ·53	6 ·36	23		Wed.	24	12 ·08	13 ·59	25		Mon.	24	14 ·11	19 ·18	27
	Sat.	25	11 ·44	7 ·30	24		Thur.	25	13 ·00 14 ·93	14 ·54	26		Tues.	25	—**A** ·14	20 ·23	28
	Sun.	26	12 ·34	8 ·23	25								Wed.	26	1 ·19	21 ·30	—29
	Mon.	27	13 ·24	9 ·17	26		Fri.	26	—**A** ·88	15 ·51	27		Thur.	27	2 ·26	22 ·40	1
	Tues.	28	14 ·14	10 ·10	27		Sat.	27	1 ·84	16 ·49	28		Fri.	28	3 ·33	23 ·50	2
	Wed.	29	**A** ·04 1 ·94	11 ·03 12 ·97	28		Sun.	28	2 ·83	17 ·49	—29		Sat.	29	4 ·43	24 ·60	3
	Thur.	30	2 ·86	13 ·92	—29		Mon.	29	3 ·83	18 ·52	1		Sun.	30	5 ·52	25 ·71	4
	Fri.	31	3 ·79	14 ·87	1		Tues.	30	4 ·85	19 ·56	2		Mon.	31	6 ·60	26 ·81	5
							Wed.	31	5 ·90	20 ·62	3						

H. 1048 *Rabī-ul awwal.* — *H.* 1048 *Jamāda'l awwal.* — *H.* 1048 *Rajab.* — *H.* 1048 *Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1639. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·08.** **Śaka 1561.** **Kaliyuga 4740.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·99.** **(S. Cycle) Pramāthin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Bahudhānya. **Makara—Tai.** 4	Tues.	1	7 ·67	27 ·90	6	3	Fri.	1	6 ·62	4 ·71	6	3	Wed.	1	*Sukla.* 9 ·66	10 ·16	8
5	Wed.	2	8 ·72	1 ·97	7	4	Sat.	2	7 ·00 / 8 ·96	5 ·71	7	4	Thur.	2	10 ·56	11 ·09	9
6	Thur.	3	9 ·75	... ...	8							5	Fri.	3	11 ·46	12 ·03 / 13 ·96	10
7	Fri.	4	*Sukla.* 10 ·76	2 ·02	9	5	Sun.	3	9 ·91	6 ·69	8						
8	Sat.	5	11 ·76	3 ·05	10	6	Mon.	4	10 ·84	7 ·65	9	6	Sat.	4	12 ·86	14 ·90	11
9	Sun.	6	12 ·78	4 ·06	11	7	Tues.	5	11 ·76	8 ·60	10	7	Sun.	5	13 ·27	15 ·84	12
10	Mon.	7	13 ·68	5 ·06	12	8	Wed.	6	12 ·67	9 ·55	11	8	Mon.	6	14 ·19	16 ·80	13
			Pausha.	6 ·03		9	Thur.	7	13 ·58	10 ·48	12		**Vaiśākha.**		**P** ·12	17 ·78	14
11	Tues.	8	14 ·61	7 ·98	13	10	Fri.	8	14 ·48	11 ·41	13	9	Tues.	7	1 ·07	18 ·76	15
12	Wed.	9	**P** ·54	8 ·93	14	11	Sat.	9	**P** ·38	12 ·34	14	10	Wed.	8	2 ·04	19 ·77	16
13	Thur.	10	1 ·45	9 ·87	15	12	Sun.	10	1 ·28	13 ·27	15	11	Thur.	9	3 ·02	20 ·80	17
14	Fri.	11	2 ·35	10 ·81	16	13	Mon.	11	2 ·19	14 ·22	16	12	Fri.	10	4 ·03	21 ·84	18
15	Sat.	12	3 ·25	11 ·74	17	14	Tues.	12	3 ·12	15 ·17	17	13	Sat.	11	5 ·06	22 ·92	19
16	Sun.	13	4 ·15	12 ·67	18	15	Wed.	13	4 ·05	16 ·13	18	14	Sun.	12	6 ·10	... ...	20
17	Mon.	14	5 ·06 / 6 ·97	13 ·60	19	16	Thur.	14	5 ·01 / 6 ·97	17 ·11	19	15	Mon.	13	*Bahula.* 7 ·17	23 ·01	21
18	Tues.	15	7 ·90	14 ·54	20	17	Fri.	15	7 ·96	18 ·11	20	16	Tues.	14	8 ·25	24 ·10	22
19	Wed.	16	8 ·83	15 ·51	21	18	Sat.	16	8 ·96	19 ·13	21	17	Wed.	15	9 ·34	25 ·21	23
20	Thur.	17	9 ·78	16 ·48	22	19	Sun.	17	... ...	20 ·17	22	18	Thur.	16	10 ·42	26 ·32	24
21	Fri.	18	*Bahula.* 10 ·76	17 ·46	23	20	Mon.	18	9 ·00	21 ·23	23	19	Fri.	17	11 ·49	27 ·42	25
22	Sat.	19	11 ·74	18 ·47	24	21	Tues.	19	10 ·05	22 ·30	24	20	Sat.	18	12 ·56	1 ·51	26
23	Sun.	20	12 ·75	19 ·49	25	22	Wed.	20	11 ·12	23 ·40	25	21	Sun.	19	13 ·60	2 ·59	27
24	Mon.	21	13 ·78	20 ·54	26	23	Thur.	21	12 ·20	24 ·51	26	22	Mon.	20	14 ·62	3 ·64	28
25	Tues.	22	14 ·84	21 ·62	27	24	Fri.	22	13 ·29	25 ·61	27	23	Tues.	21	**A** ·62	4 ·67	29
26	Wed.	23	**A** ·91	22 ·70	28	25	Sat.	23	14 ·38	26 ·72	28	24	Wed.	22	1 ·61	5 ·68	30
27	Thur.	24	1 ·99	23 ·80	29	26	Sun.	24	**A** ·45	27 ·81	29	25	Thur.	23	2 ·57	6 ·68	1
28	Fri.	25	... ...	24 ·90	—30	27	Mon.	25	1 ·51	1 ·89	—30	26	Fri.	24	3 ·52	7 ·66	2
29	Sat.	26	2 ·08	... ...	1	28	Tues.	26	2 ·56	2 ·97	1	27	Sat.	25	*Sukla.* 4 ·45	8 ·61	3
—30	Sun.	27	3 ·17	25 ·01	2	29	Wed.	27	3 ·59	... ...	2	28	Sun.	26	5 ·36	9 ·56	4
1	Mon.	28	*Sukla.* 4 ·25	26 ·12	3	—30	Thur.	28	4 ·59	3 ·01	3	29	Mon.	27	6 ·26	10 ·50	5
2	Tues.	29	5 ·31	27 ·21	4	1	Fri.	29	*Sukla.* 5 ·57	4 ·03	4	30	Tues.	28	7 ·16	11 ·44	6
3	Wed.	30	6 ·36	1 ·28	5	2	Sat.	30	6 ·53	5 ·03	5	—31	Wed.	29	8 ·06 / 9 ·96	12 ·37	7
4	Thur.	31	7 ·39	2 ·34	6	3	Sun.	31	7 ·48	6 ·02 / 7 ·98	6	1	Thur.	30			
	Feb.						**April.**						**June.**				
5	Fri.	1	8 ·41	3 ·37	7	4	Mon.	1	8 ·41	8 ·94	7	2	Fri.	31	10 ·86	13 ·30	8
6	Sat.	2	9 ·39	4 ·39	8	5	Tues.	2	9 ·33	9 ·89	8	3	Sat.	1	11 ·77	14 ·23	9
7	Sun.	3	*Bahula.* 10 ·36	5 ·38	9	6	Wed.	3	10 ·24	10 ·82	9	4	Sun.	2	12 ·68	15 ·17	10
8	Mon.	4	11 ·30	6 ·36	10	7	Thur.	4	11 ·14	11 ·75	10	5	Mon.	3	13 ·61	16 ·14	11
9	Tues.	5	12 ·24	7 ·32	11	8	Fri.	5	12 ·04 / 13 ·94	12 ·68	11	6	Tues.	4	14 ·56	17 ·10	12
10	Wed.	6	13 ·16	8 ·27	12	9	Sat.	6	14 ·84	13 ·62	12	7	Wed.	○5	*Jyeshtha.* **P** ·53	18 ·09	13
			Māgha.			10	Sun.	7	**P** ·75	14 ·56	13	8	Thur.	6	1 ·51	19 ·09	14
11	Thur.	7	14 ·07 / **P** ·98	9 ·21	13	11	Mon.	8	1 ·67	15 ·51	14	9	Fri.	7	2 ·51	20 ·11	15
12	Fri.	8	1 ·89	10 ·14	14	12	Tues.	9	2 ·60	16 ·46	15	10	Sat.	8	3 ·54	21 ·15	16
13	Sat.	9	2 ·79	11 ·07	15	13	Wed.	10	3 ·56	17 ·44	16	11	Sun.	9	4 ·59	22 ·23	17
14	Sun.	10	3 ·69	12 ·00 / 13 ·94	16	14	Thur.	11	4 ·52	18 ·44	17	12	Mon.	10	*Bahula.* 5 ·64	23 ·31	18
15	Mon.	11	4 ·59	14 ·88	17	15	Fri.	12	5 ·51	19 ·45	18	13	Tues.	11	6 ·72	24 ·40	19
16	Tues.	12	*Bahula.* 5 ·51	15 ·84	18	16	Sat.	13	6 ·51	20 ·48	19	14	Wed.	12	7 ·81	25 ·51	20
17	Wed.	13	6 ·45	16 ·81	19	17	Sun.	14	*Bahula.* 7 ·54	21 ·53	20	15	Thur.	13	8 ·89	26 ·62	21
18	Thur.	14	7 ·41	17 ·79	20	18	Mon.	15	8 ·59	22 ·61	21	16	Fri.	14	9 ·96	27 ·73	22
19	Fri.	15	8 ·38	18 ·79	21	19	Tues.	16	9 ·66	23 ·71	22	17	Sat.	15	... ...	1 ·82	23
20	Sat.	16	9 ·37	19 ·81	22	20	Wed.	17	10 ·75	24 ·81	23	18	Sun.	16	10 ·03	2 ·89	24
21	Sun.	17	10 ·37	20 ·86	23	21	Thur.	18	11 ·84	25 ·91	24	19	Mon.	17	11 ·07	3 ·95	25
22	Mon.	18	11 ·41	21 ·92	24	22	Fri.	19	12 ·92	... ...	25	20	Tues.	18	12 ·10	4 ·99	26
23	Tues.	19	12 ·46	... ...	25	23	Sat.	20	13 ·98	26 ·02	26	21	Wed.	19	13 ·11	... ...	27
24	Wed.	20	13 ·53	22 ·00	26	24	Sun.	21	... ...	27 ·12	27	22	Thur.	20	14 ·08	5 ·01	28
25	Thur.	21	14 ·62	23 ·10	27	25	Mon.	22	14 ·04	1 ·20	28	23	Fri.	21	**A** ·04 / 1 ·99	6 ·01 / 7 ·98	29
26	Fri.	22	**A** ·71	24 ·20	28	26	Tues.	23	**A** ·09	2 ·28	—29	24	Sat.	22	2 ·98	8 ·95	1
27	Sat.	23	1 ·79	25 ·32	—29	27	Wed.	24	1 ·12	3 ·32	1	25	Sun.	23	3 ·84	9 ·90	2
28	Sun.	24	2 ·86	26 ·42	1	28	Thur.	25	2 ·12	4 ·35	2	26	Mon.	24	*Sukla.* 4 ·75	10 ·84	3
29	Mon.	25	3 ·92	27 ·51	2	29	Fri.	26	3 ·11	5 ·36	3	27	Tues.	25	5 ·66	11 ·78	4
—30	Tues.	26	4 ·98	1 ·59	3	30	Sat.	27	4 ·07	6 ·34	4	28	Wed.	26	6 ·55	12 ·71	5
1	Wed.	27	... ...	2 ·65	4	—31	Sun.	28	5 ·01 / 6 ·94	7 ·32	5	29	Thur.	27	7 ·44	13 ·64	6
2	Thur.	28	5 ·01	3 ·70	5	1	Mon.	29	7 ·85	8 ·28	6	30	Fri.	28	8 ·34	14 ·57	7
						2	Tues.	30	8 ·76	9 ·22	7	31	Sat.	29	9 ·24	15 ·52	8
												—32	Sun.	30	10 ·16	16 ·47	9

Nakah:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5 Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1639. **Kollam 815,** { **N. Malabar—Sep.** **S. Malabar—Aug.** **Hijra 1049.** **Vikrama 1696.**
A—Amāvāsyā. Commences Commences **April 24.** **Bengal San. 1045.**
P—Paurnimā. **(N. Cycle) Sarvadhārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Pramāthin. **Karkaṭaka—Āḍi.**			*Bahula.* **Āshāḍha.**		*H.* 1049 *Rabī-ul awwal.*	*Pramāthin.* **Kanyā—Puraṭṭāsi.**			*Bahula.* **Bhādrapada.**		*H.* 1049 *Jamādā'l awwal.*	*Pramāthin.* **Vṛśchika—Kārttigai.**			*Bahula.* **Kārt.**		*H.* 1049 *Rajab.*
1	Mon.	1	11 ·09	17 ·43	10	1	Sun.	1	14 ·11	24 ·31	13	1	Fri.	1	1 ·73	3 ·50	15
2	Tues.	2	12 ·04	18 ·41	11	2	Mon.	2	P ·19	25 ·41	14	2	Sat.	2	2 ·77	4 ·56	16
3	Wed.	3	13 ·00 14 ·98	19 ·41	12	3	Tues.	3	1 ·27	26 ·52	15	3	Sun.	3	3 ·77	5 ·60	17
4	Thur.	4	P ·99	20 ·43	13	4	Wed.	4	2 ·36	27 ·62	16	4	Mon.	4	4 ·76	6 ·63	18
5	Fri.	5	... ...	21 ·47	14	5	Thur.	5	3 ·44	1 ·72	17	5	Tues.	5	5 ·73	7 ·63	19
6	Sat.	6	1 ·01	22 ·53	15	6	Fri.	6	4 ·51	2 ·81	18	6	Wed.	6	6 ·69	8 ·61	20
7	Sun.	7	2 ·06	23 ·61	16	7	Sat.	7	5 ·56	3 ·89	19	7	Thur.	7	7 ·62	9 ·57	21
8	Mon.	8	3 ·12	24 ·70	17	8	Sun.	8	6 ·60	4 ·94	20	8	Fri.	8	8 ·54	10 ·53	22
9	Tues.	9	4 ·20	25 ·81	18	9	Mon.	9	7 ·61	5 ·97	21	9	Sat.	9	9 ·45	11 ·48	23
10	Wed.	10	5 ·28	26 ·92	19	10	Tues.	10	8 ·60	6 ·98	22	10	Sun.	10	10 ·36	12 ·41	24
11	Thur.	11	6 ·36	... ...	20	11	Wed.	11	9 ·58	7 ·97	23	11	Mon.	11	11 ·26	13 ·34	25
12	Fri.	12	7 ·43	27 ·03	21	12	Thur.	12	10 ·51	8 ·95	24	12	Tues.	12	12 ·16	14 ·27	26
13	Sat.	13	8 ·50	1 ·12	22	13	Fri.	13	11 ·45	9 ·91	25	13	Wed.	13	13 ·07 14 ·98	15 ·20	27
14	Sun.	14	9 ·55	2 ·20	23	14	Sat.	14	12 ·37	10 ·85	26	14	Thur.	14	A ·91	16 ·15	28
15	Mon.	15	10 ·58	3 ·26	24	15	Sun.	15	13 ·28	11 ·79	27	15	Fri.	15	1 ·84	17 ·10	29
16	Tues.	16	11 ·59	4 ·31	25	16	Mon.	16	14 ·18	12 ·72	28	16	Sat.	16	2 ·79	18 ·06	30
17	Wed.	17	12 ·56	5 ·33	26	17	Tues.	17	A ·08 1 ·98	13 ·66	29	17	Sun.	17	3 ·75	19 ·03	1
18	Thur.	18	13 ·53	6 ·33	27	18	Wed.	18	2 ·88	14 ·59	30	18	Mon.	18	4 ·74	20 ·03	2
19	Fri.	19	14 ·48	7 ·31	28	19	Thur.	19	3 ·78	15 ·53	1	19	Tues.	19	5 ·75	21 ·04	3
20	Sat.	20	A ·41	8 ·28	29	20	Fri.	20	4 ·70	16 ·47	2	20	Wed.	20	6 ·77	22 ·09	4
21	Sun.	21	1 ·33	9 ·23	30	21	Sat.	21	5 ·64	17 ·42	3	21	Thur	21	7 ·82	23 ·14	5
22	Mon.	22	2 ·24	10 ·18	1	22	Sun.	22	6 ·59	18 ·40	4	22	Fri.	22	8 ·90	24 ·22	6
23	Tues.	23	3 ·14	11 ·12	2	23	Mon.	23	7 ·55	19 ·38	5	23	Sat.	23	9 ·98	25 ·31	7
24	Wed.	24	4 ·04 5 ·94	12 ·01 13 ·97	3	24	Tues.	24	8 ·53	20 ·39	6	24	Sun.	24	... ...	26 ·41	8
25	Thur.	25	6 ·84	14 ·91	4	25	Wed.	25	9 ·53	21 ·41	7	25	Mon.	25	10 ·06	27 ·53	9
26	Fri.	26	7 ·74	15 ·85	5	26	Thur.	26	10 ·56	22 ·46	8	26	Tues.	26	11 ·14	1 ·63	10
27	Sat.	27	8 ·65	16 ·80	6	27	Fri.	27	11 ·60	23 ·53	9	27	Wed.	27	12 ·23	2 ·73	11
28	Sun.	28	9 ·58	17 ·77	7	28	Sat.	28	12 ·67	24 ·61	10	28	Thur.	28	13 ·31	3 ·81	12
29	Mon.	29	10 ·53	18 ·74	8	29	Sun.	29	13 ·74	25 ·71	11	29	Fri.	29	14 ·36	4 ·87	13
30	Tues.	30	11 ·49	19 ·73	9	30	Mon.	30	14 ·83	26 ·82	12	1	Sat. ○	30	P ·40	5 ·93	14
31	Wed.	31	12 ·47	20 ·75	10												
	Aug.						**Oct.**						**Dec.**				
Pramāthin. **Simha—Āvaṇi.**			*Sukla.* **Śrāvaṇa.**		*H.* 1049 *Rabī-ul ākhir.*				*Sukla.* **Aśvina.**		*H.* 1049 *Jamādā'l ākhir.*	*Pramāthin.* **Dhanus—Mārgali.**			*Sukla.* **Mārgaśirsha.**		*H.* 1049 *Sha'bān.*
1	Thur.	1	13 ·47	21 ·79	11	31	Tues.	1	P ·92	27 ·92	13	2	Sun.	1	1 ·41	6 ·95	15
2	Fri.	2	14 ·50	22 ·84	12	1	Wed.	2	... ...	... ...	14	3	Mon.	2	2 ·39	7 ·96	16
3	Sat.	3	P ·54	23 ·91	13	2	Thur.	3	1 ·01	1 ·02	15	4	Tues.	3	3 ·36	8 ·94	17
4	Sun.	4	1 ·61	... ...	14	3	Fri.	4	2 ·08	2 ·12	16	5	Wed.	4	4 ·32	9 ·91	18
5	Mon.	5	2 ·68	24 ·00	15	4	Sat.	5	3 ·13	3 ·20	17	6	Thur.	5	5 ·25	10 ·87	19
6	Tues.	6	3 ·76	25 ·11	16	5	Sun.	6	4 ·16	4 ·25	18	7	Fri.	6	6 ·17	11 ·81	20
7	Wed.	7	4 ·85	26 ·22	17	6	Mon.	7	5 ·17	5 ·29	19	8	Sat.	7	7 ·08 8 ·99	12 ·75	21
8	Thur.	8	5 ·93	27 ·32	18	7	Tues.	8	6 ·16	6 ·30	20						
9	Fri.	9	.. ...	1 ·42	19	8	Wed.	9	7 ·13	7 ·31	21	9	Sun.	8	9 ·89	13 ·68	22
10	Sat.	10	6 ·00	2 ·51	20	9	Thur.	10	8 ·09	8 ·28	22	10	Mon.	9	10 ·79	14 ·61	23
11	Sun.	11	7 ·04	3 ·58	21	10	Fri.	11	9 ·02 10 ·94	9 ·24	23	11	Tues.	10	11 ·70	15 ·54	24
12	Mon.	12	8 ·07	4 ·63	22	11	Sat.	12	11 ·85	10 ·19	24	12	Wed.	11	12 ·61	16 ·48	25
13	Tues.	13	9 ·08	5 ·65	23	12	Sun.	13	12 ·75	11 ·13	25	13	Thur.	12	13 ·53	17 ·43	26
14	Wed.	14	10 ·06	6 ·66	24	13	Mon.	14	13 ·65	12 ·07 13 ·00	26	14	Fri.	13	14 ·47	18 ·39	27
15	Thur.	15	11 ·03 12 ·98	7 ·64	25	14	Tues.	15	14 ·55	14 ·93	27	15	Sat.	14	A ·43	19 ·36	28
16	Fri.	16	13 ·92	8 ·61	26							16	Sun.	15	1 ·40	20 ·35	29
17	Sat.	17	14 ·83	9 ·58	27	15	Wed.	16	A ·48	15 ·86	28	17	Mon.	16	2 ·39	21 ·37	1
18	Sun.	18	A ·74	10 ·52	28	16	Thur.	17	1 ·37	16 ·80	29	18	Tues.	17	3 ·40	22 ·40	2
19	Mon.	19	1 ·64	11 ·45	29	17	Fri.	18	2 ·29	17 ·76	1	19	Wed.	18	4 ·42	23 ·45	3
20	Tues.	20	2 ·54	12 ·38	1	18	Sat.	19	3 ·22	18 ·73	2	20	Thur.	19	5 ·48	24 ·52	4
21	Wed.	21	3 ·44	13 ·31	2	19	Sun	20	4 ·17	19 ·71	3	21	Fri.	20	6 ·55	25 ·61	5
22	Thur.	22	4 ·34	14 ·25	3	20	Mon.	21	5 ·14	20 ·71	4	22	Sat.	21	7 ·63	26 ·72	6
23	Fri.	23	5 ·25	15 ·19	4	21	Tues.	22	6 ·12	21 ·73	5	23	Sun.	22	8 ·72	27 ·82	7
24	Sat.	24	6 ·17	16 ·13	5	22	Wed.	23	7 ·13	22 ·77	6	24	Mon.	23	9 ·81	1 ·93	8
25	Sun.	25	7 ·10	17 ·09	6	23	Thur.	24	8 ·15	23 ·84	7	25	Tues.	24	10 ·89	... ...	9
26	Mon.	26	8 ·05	18 ·06	7	24	Fri.	25	9 ·20	24 ·92	8	26	Wed.	25	11 ·96	2 ·03	10
27	Tues.	27	9 ·00 10 ·99	19 ·06	8	25	Sat.	26	10 ·27	... ...	9	27	Thur.	26	... ...	3 ·12	11
28	Wed.	28	11 ·99	20 ·07	9	26	Sun	27	11 ·35	25 ·01	10	28	Fri.	27	12 ·01	4 ·19	12
29	Thur.	29	... ...	21 ·10	10	27	Mon.	28	12 ·14	26 ·11	11	29	Sat.	28	13 ·04	5 ·24	13
30	Fri.	30	12 ·01	22 ·15	11	28	Tues.	29	13 ·53	27 ·22	12	30	Sun	29	14 ·05	6 ·27	14
31	Sat.	31	13 ·05	23 ·22	12	29	Wed.	30	14 ·61	1 ·33	13	1	Mon.	30	P ·04	7 ·28	15
						30	Thur.	31	P ·67	2 ·43	14	2	Tues.	31	1 ·01 2 ·96	8 ·27	16

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1640. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·34.** **Śaka 1562.** **Kaliyuga 4741.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·25.** **(S. Cycle) Vikrama.**

SOLAR reckoning			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	
Pramāthin. **Makara—Tai.**	**Jan.**					
3	Wed.	1	3 ·89	9 ·24		17
4	Thur.	2	4 ·82	10 ·20		18
5	Fri.	3	5 ·73	11 ·15		19
6	Sat.	4	6 ·64	12 ·09		20
7	Sun.	5	7 ·54	13 ·02 / 14 ·95		21
8	Mon.	6	8 ·44	15 ·89		22
9	Tues.	7	9 ·35	16 ·82		23
10	Wed.	8	10 ·26	17 ·76		24
11	Thur.	9	11 ·18	18 ·72		25
12	Fri.	10	12 ·11	19 ·69		26
13	Sat.	11	13 ·07	20 ·68		27
14	Sun.	12	14 ·04	21 ·69		28
15	Mon.	13	A ·03	22 ·71		29
16	Tues.	14	1 ·04	23 ·76		30
17	Wed.	15	2 ·07	24 ·83		1
18	Thur.	16	3 ·14	25 ·92		2
19	Fri.	17	4 ·23	... ...		3
20	Sat.	18	5 ·28	26 ·02		4
21	Sun.	19	6 ·37	27 ·12		5
22	Mon.	20	7 ·47	1 ·23		6
23	Tues.	21	8 ·54	2 ·33		7
24	Wed.	22	9 ·61	3 ·43		8
25	Thur.	23	10 ·68	4 ·50		9
26	Fri.	24	11 ·69	5 ·56		10
27	Sat.	25	12 ·69	6 ·59		11
28	Sun.	26	13 ·67	7 ·60		12
29	Mon.	27	14 ·65	8 ·59		13
1	Tues.	28	P ·59	9 ·58		14
2	Wed.	29	1 ·52	10 ·54		15
3	Thur.	30	2 ·44	11 ·48		16
4	Fri.	31	3 ·36	12 ·42		17
	Feb.					
5	Sat.	1	4 ·26	13 ·35		18
6	Sun.	2	5 ·16	14 ·29		19
7	Mon.	3	6 ·06 / 7 ·96	15 ·22		20
8	Tues.	4	8 ·88	16 ·16		21
9	Wed.	5	9 ·80	17 ·10		22
10	Thur.	6	10 ·74	18 ·05		23
11	Fri.	7	11 ·69	19 ·03		24
12	Sat.	8	12 ·67	20 ·01		25
13	Sun.	9	13 ·66	21 ·01		26
14	Mon.	10	14 ·67	22 ·03		27
15	Tues.	11	A ·71	23 ·07		28
16	Wed.	12	1 ·76	24 ·14		29
17	Thur.	13	2 ·83	25 ·22		1
18	Fri.	14	3 ·91	26 ·32		2
19	Sat.	15	.. ..	27 ·42		3
20	Sun.	16	4 ·01	1 ·53		4
21	Mon.	17	5 ·09	2 ·63		5
22	Tues.	18	6 ·16	3 ·73		6
23	Wed.	19	7 ·23	4 ·81		7
24	Thur.	20	8 ·27	5 ·87		8
25	Fri.	21	9 ·31	6 ·91		9
26	Sat.	22	10 ·31	7 ·92		10
27	Sun.	23	11 ·30	8 ·93		11
28	Mon.	24	12 ·26	9 ·91		12
29	Tues.	25	13 ·21	10 ·87		13
30	Wed.	26	14 ·13	11 ·82		11
1	Thur.	27	P ·05 / 1 ·97	12 ·76		15
2	Fri.	28	2 ·88	13 ·70		16
3	Sat.	29	3 ·78	14 ·63		17

SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	
Pramāthin. **Mīna—Pāṅguni.**	**March.**					
4	Sun.	1	4 ·67	15 ·56		18
5	Mon	2	5 ·57	16 ·49		19
6	Tues	3	6 ·48	17 ·43		20
7	Wed.	4	7 ·40	18 ·39		21
8	Thur.	5	8 ·34	19 ·35		22
9	Fri.	6	9 ·29	20 ·33		23
10	Sat.	7	10 ·27	21 ·33		24
11	Sun.	8	11 ·25	22 ·34		25
12	Mon.	9	12 ·27	23 ·39		26
13	Tues.	10	13 ·31	24 ·45		27
14	Wed	11	14 ·36	25 ·52		28
15	Thur.	12	A ·44	26 ·62		29
16	Fri.	13	1 ·52	27 ·72		30
17	Sat.	14	2 ·61	1 ·82		1
18	Sun.	15	3 ·69	2 ·93		2
19	Mon.	16	4 ·77	... ..		3
20	Tues.	17	5 ·82	3 ·03		4
21	Wed.	18	6 ·87	4 ·12		5
22	Thur.	19	7 ·90	5 ·18		6
23	Fri.	20	8 ·89	6 ·22		7
24	Sat.	21	9 ·87	7 ·25		8
25	Sun.	22	10 ·83	8 ·25		9
26	Mon.	23	11 ·78	9 ·24		10
27	Tues.	24	12 ·71	10 ·20		11
28	Wed.	25	13 ·63	11 ·16		12
29	Thur.	26	14 ·51	12 ·11		13
30	Fri.	27	P ·43	13 ·04 / 14 ·97		14
1	Sat.	28	1 ·33	15 ·90		15
2	Sun.	29	2 ·23	16 ·83		16
3	Mon.	30	3 ·14	17 ·78		17
4	Tues.	31	4 ·05 / 5 ·97	18 ·73		18
	April.					
5	Wed.	1	6 ·90	19 ·68		19
6	Thur.	2	7 ·85	20 ·66		20
7	Fri.	3	8 ·83	21 ·65		21
8	Sat.	4	9 ·82	22 ·66		22
9	Sun.	5	10 ·83	23 ·70		23
10	Mon.	6	11 ·86	24 ·76		24
11	Tues.	7	12 ·92	25 ·83		25
12	Wed.	8	13 ·99	26 ·92		26
13	Thur.	9	... ..	... ...		27
14	Fri.	10	14 ·08	27 ·02		28
15	Sat.	11	A ·16	1 ·13		29
16	Sun.	12	1 ·21	2 ·24		30
17	Mon.	13	2 ·30	3 ·34		1
18	Tues.	14	3 ·36	4 ·42		2
19	Wed.	15	4 ·41	5 ·49		3
20	Thur.	16	5 ·43	6 ·54		4
21	Fri.	17	6 ·44	7 ·57		5
22	Sat.	18	7 ·42	8 ·58		6
23	Sun.	19	8 ·38	9 ·56		7
24	Mon.	20	9 ·33	10 ·53		8
25	Tues.	21	10 ·25	11 ·50		9
26	Wed.	22	11 ·16	12 ·44		10
27	Thur.	23	12 ·07 / 13 ·97	13 ·38		11
28	Fri.	24	14 ·87	14 ·31		12
29	Sat.	25	P ·77	15 ·24		13
30	Sun.	26	1 ·67	16 ·18		14
31	Mon.	27	2 ·58	17 ·11		15
1	Tues.	28	3 ·50	18 ·06		16
2	Wed.	29	4 ·43	19 ·01 / 20 ·98		17
	Thur.	30	5 ·39	21 ·97		18

SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	
Vikrama. **Vrishabha—Vaigāśi.**	**May.**					
4	Fri.	1	6 ·35	22 ·99		19
5	Sat.	2	7 ·33	.. ..		20
6	Sun.	3	8 ·35	23 ·02		21
7	Mon.	4	9 ·38	24 ·06		22
8	Tues.	5	10 ·43	25 ·13		23
9	Wed.	6	11 ·50	26 ·22		24
10	Thur.	7	12 ·58	27 ·32		25
11	Fri.	8	13 ·66	1 ·43		26
12	Sat.	9	14 ·75	2 ·54		27
13	Sun.	10	A ·82	3 ·64		28
14	Mon.	11	1 ·87	4 ·73		29
15	Tues.	12	2 ·92	5 ·81		30
16	Wed.	13	3 ·94	6 ·86		1
17	Thur.	14	4 ·94	7 ·89		2
18	Fri.	15	5 ·92	8 ·90		3
19	Sat.	16	6 ·89	9 ·89		4
20	Sun.	17	7 ·83	10 ·87		5
21	Mon.	18	8 ·76	11 ·83		6
22	Tues.	19	9 ·67	12 ·78		7
23	Wed.	20	10 ·57	13 ·72		8
24	Thur.	21	11 ·47	14 ·65		9
25	Fri.	22	12 ·37	15 ·58		10
26	Sat.	23	13 ·27	16 ·52		11
27	Sun.	24	14 ·17	17 ·45		12
28	Mon.	25	P ·08	18 ·39		13
29	Tues.	26	1 ·00 / 2 ·93	19 ·35		14
30	Wed.	27	3 ·88	20 ·31		15
31	Thur.	28	4 ·85	21 ·31		16
1	Fri.	29	5 ·84	22 ·31		17
2	Sat.	30	6 ·84	23 ·33		18
3	Sun.	31	7 ·87	24 ·37		19
	June.					
4	Mon.	1	8 ·92	25 ·44		20
5	Tues.	2	9 ·97	26 ·53		21
6	Wed.	3	... ..	27 ·62		22
7	Thur.	4	10 ·08	1 ·73		23
8	Fri.	5	11 ·14	2 ·83		24
9	Sat.	6	12 ·22	3 ·94		25
10	Sun.	7	13 ·29	... ..		26
11	Mon.	8	14 ·36	4 ·04		27
12	Tues.	9	A ·41	5 ·11		28
13	Wed.	10	1 ·43	6 ·17		29
14	Thur.	11	2 ·43	7 ·21		1
15	Fri.	12	3 ·41	8 ·22		2
16	Sat.	13	4 ·37	9 ·23		3
17	Sun.	14	5 ·31	10 ·20		4
18	Mon.	15	6 ·24	11 ·17		5
19	Tues.	16	7 ·16	12 ·11		6
20	Wed.	17	8 ·07 / 9 ·97	13 ·05 / 14 ·99		7
21	Thur.	18	10 ·86	15 ·93		8
22	Fri.	19	11 ·76	16 ·86		9
23	Sat.	20	12 ·66	17 ·79		10
24	Sun.	21	13 ·57	18 ·73		11
25	Mon.	22	14 ·49	19 ·68		12
26	Tues	23	P ·42	20 ·65		13
27	Wed.	24	1 ·36	21 ·63		14
28	Thur.	25	2 ·32	22 ·63		15
29	Fri.	26	3 ·31	23 ·65		16
30	Sat.	27	4 ·32	24 ·68		17
31	Sun.	28	5 ·34	25 ·75		18
1	Mon.	29	6 ·38	26 ·83		19
2	Tues	30	7 ·46	27 ·92		20

Naksh:- 1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ārā. 7. Punar. 8. Push. 9. Āślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 14. U. Bhad. 27. Rev.

A.D. 1640. **Kollam 816** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1050.** Commences **April 13.** **Vikrama 1697.** **Bengal San. 1046.** **(N. Cycle) Virodhin.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Vikrama. **Karkataka—Ādi.**	**July.**			
2	Wed. 1	8 ·53	... ...	21
3	Thur. 2	9 ·61	1 ·03	22
4	Fri. 3	10 ·70	2 ·13	23
5	Sat. 4	11 ·77	3 ·25	24
6	Sun. 5	12 ·83	4 ·34	25
7	Mon. 6	13 ·88	5 ·42	26
8	Tues. 7	14 ·91	6 ·48	27
9	Wed. 8	—**A** ·91	7 ·52	28
10	Thur. 9	1 ·89	8 ·54	29
11	Fri. 10	2 ·85	9 ·55	—30
12	Sat. 11	3 ·79	10 ·53	1
13	Sun. 12	4 ·72	11 ·50	2
14	Mon. 13	5 ·64	12 ·45	3
15	Tues. 14	6 ·55	13 ·39	4
16	Wed. 15	7 ·45	14 ·33	5
17	Thur. 16	8 ·35	15 ·26	6
18	Fri. 17	9 ·25	16 ·19	7
19	Sat 18	10 ·15	17 ·13	8
20	Sun. 19	11 ·06 12 ·97	18 ·06	9
21	Mon. 20	13 ·90	19 ·02 20 ·98	10
22	Tues. 21	14 ·84	21 ·96	11
23	Wed. 22	**P** ·81	22 ·95	12
24	Thur. 23	1 ·79	23 ·96	13
25	Fri. 24	2 ·80	.. ...	14
26	Sat. 25	3 ·82	24 ·01	15
27	Sun. 26	4 ·86	25 ·06	16
28	Mon. 27	5 ·93	26 ·13	17
29	Tues. 28	... ...	27 ·32	18
30	Wed. 29	6 ·01	1 ·32	19
31	Thur. 30	7 ·10	2 ·43	20
—32	Fri. 31	8 18	3 ·55	21
	Aug.			
1	Sat. 1	9 ·25	4 ·64	22
2	Sun. 2	10 ·31	5 ·73	23
3	Mon. 3	11 ·36	6 ·79	24
4	Tues. 4	12 ·39	7 ·84	25
5	Wed. 5	13 ·39	8 ·87	26
6	Thur. 6	14 ·38	9 ·88	27
7	Fri. 7	—**A** ·34	10 ·86	28
8	Sat. 8	1 ·30	11 ·83	29
9	Sun. 9	2 ·23	12 ·78	1
10	Mon. 10	3 ·14	13 ·74	2
11	Tues. 11	4 ·05 5 ·95	14 ·67	3
12	Wed. 12	6 ·85	15 ·60	4
13	Thur. 13	7 ·75	16 ·53	5
14	Fri. 14	8 ·65	17 ·46	6
15	Sat. 15	9 ·56	18 ·41	7
16	Sun. 16	10 ·48	19 ·35	8
17	Mon. 17	11 ·41	20 ·31	9
18	Tues. 18	12 ·35	21 ·28	10
19	Wed. 19	13 ·31	22 ·27	11
20	Thur. 20	14 ·29	23 ·29	12
21	Fri. 21	**P** ·31	24 ·32	13
22	Sat. 22	1 ·33	25 ·37	14
23	Sun. 23	2 ·38	26 ·44	15
24	Mon. 24	3 ·44	27 ·52	16
25	Tues. 25	4 ·51	1 ·62	17
26	Wed. 26	5 ·60	2 ·74	18
27	Thur. 27	6 ·68	3 ·84	19
28	Fri. 28	7 ·75	4 ·94	20
29	Sat 29	8 ·82	... ...	21
30	Sun. 30	9 ·88	5 ·03	22
—31	Mon. 31	10 ·90	6 ·10	23

Śukla. *Śrāvaṇa.* *Bahula.* *Bhādrapada.* *H.* 1050 *Rabī-ul ākhir.* *H.* 1050 *Jamādal awwal.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Vikrama. **Kanyā—Puraṭṭāsi.**	**Sep.**			
1	Tues. 1	11 ·91	7 ·16	24
2	Wed. 2	12 ·90	8 ·19	25
3	Thur. 3	13 ·87	9 ·20	26
4	Fri. 4	14 ·82	10 ·19	27
5	Sat. 5	—**A** ·75	11 ·16	28
6	Sun. 6	1 ·67	12 ·13	29
7	Mon. 7	2 ·58	13 ·07	—30
8	Tues. 8	3 ·48	14 ·01 15 ·94	1
9	Wed. 9	4 ·38	16 ·87	2
10	Thur. 10	5 ·28	17 ·81	3
11	Fri. 11	6 ·18	18 ·75	4
12	Sat. 12	7 ·09	19 ·69	5
13	Sun. 13	8 ·01 9 ·94	20 ·64	6
14	Mon. 14	10 ·88	21 ·61	7
15	Tues. 15	11 ·85	22 ·59	8
16	Wed. 16	12 ·83	23 ·61	9
17	Thur. 17	13 ·85	24 ·63	10
18	Fri. 18	14 ·87	25 ·68	11
19	Sat. 19	**P** ·92	26 ·74	12
20	Sun. 20	1 ·98	27 ·82	13
21	Mon. 21	.. ...	1 ·93	14
22	Tues. 22	2 ·06	... ...	15
23	Wed. 23	3 ·14	2 ·04	16
24	Thur. 24	4 ·23	3 ·14	17
25	Fri. 25	5 ·30	4 ·24	18
26	Sat. 26	6 ·37	5 ·33	19
27	Sun. 27	7 ·42	6 ·42	20
28	Mon. 28	8 ·45	7 ·47	21
29	Tues. 29	9 ·47	8 ·51	22
—30	Wed. 30	10 ·45	9 ·52	23
	Oct.			
1	Thur. 1	11 ·43	10 ·52	24
2	Fri. 2	12 ·38	11 ·50	25
3	Sat. 3	13 ·31	12 ·46	26
4	Sun. 4	14 ·23	13 ·41	27
5	Mon. 5	**A** ·14	14 ·35	28
6	Tues. 6	1 ·05 2 ·95	15 ·28	—29
7	Wed. 7	3 ·85	16 ·22	1
8	Thur. 8	4 ·75	17 ·15	2
9	Fri. 9	5 ·66	18 ·08	3
10	Sat. 10	6 ·58	19 ·02 20 ·97	4
11	Sun. 11	7 ·51	21 ·94	5
12	Mon. 12	8 ·46	22 ·93	6
13	Tues. 13	9 ·43	23 ·93	7
14	Wed. 14	10 ·42	24 ·95	8
15	Thur. 15	11 ·43	25 ·99	9
16	Fri. 16	12 ·45	... ...	10
17	Sat. 17	13 ·50	26 ·05	11
18	Sun. 18	14 ·56	27 ·14	12
19	Mon. 19	**P** ·64	1 ·23	13
20	Tues. 20	1 ·73	2 ·33	14
21	Wed. 21	2 ·83	3 ·44	15
22	Thur. 22	3 ·91	4 ·54	16
23	Fri. 23	4 ·98	5 ·65	17
24	Sat. 24	... ...	6 ·72	18
25	Sun. 25	5 ·02	7 ·78	19
26	Mon. 26	6 ·05	8 ·82	20
27	Tues. 27	7 ·07	9 ·84	21
28	Wed. 28	8 ·05	10 ·85	22
29	Thur. 29	9 ·02 10 ·97	11 ·83	23
—30	Fri. 30	11 ·91	12 ·79	24
1	Sat. 31	12 ·83	13 ·75	25

Śukla. *Āśvina.* *Bahula.* *Kārttika.* *H.* 1050 *Jamādal ākhir.* *H.* 1050 *Rajab.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Vikrama. **Vriśchika—Kārtigai.**	**Nov.**			
2	Sun. 1	13 ·74	14 ·69	26
3	Mon. 2	14 ·64	15 ·62	27
4	Tues 3	—**A** ·54	16 ·56	28
5	Wed. 4	1 ·44	17 ·49	29
6	Thur. 5	2 ·35	18 ·42	—30
7	Fri. 6	3 ·27	19 ·36	1
8	Sat. 7	4 ·19	20 ·31	2
9	Sun. 8	5 ·13	21 ·28	3
10	Mon. 9	6 ·07	22 ·25	4
11	Tues. 10	7 ·04	23 ·25	5
12	Wed. 11	8 ·03	24 ·26	6
13	Thur. 12	9 ·04	25 ·30	7
14	Fri. 13	10 ·08	26 ·36	8
15	Sat. 14	11 ·13	27 ·44	9
16	Sun. 15	12 ·20	1 ·53	10
17	Mon. 16	13 ·27	2 ·63	11
18	Tues. 17	14 ·36	3 ·74	12
19	Wed. 18	**P** ·45	4 ·85	13
20	Thur. 19	1 ·53	5 ·95	14
21	Fri. 20	2 ·60	... ...	15
22	Sat. 21	3 ·66	6 ·03	16
23	Sun. 22	4 ·69	7 ·09	17
24	Mon. 23	5 ·69	8 ·14	18
25	Tues. 24	6 ·68	9 ·17	19
26	Wed. 25	7 ·65	10 ·18	20
27	Thur. 26	8 ·59	11 ·16	21
28	Fri. 27	9 ·53	12 ·13	22
29	Sat. 28	10 ·45	13 ·08	23
—30	Sun. 29	11 ·36	14 ·02 15 ·97	24
1	Mon. 30	12 ·27	16 ·90	25
	Dec.			
2	Tues. 1	13 ·17	17 ·83	26
3	Wed. 2	14 ·07 **A** ·97	18 ·76	27
4	Thur. 3	1 ·88	19 ·69	28
5	Fri. 4	2 ·81	20 ·65	—29
6	Sat. 5	3 ·75	21 ·61	1
7	Sun. 6	4 ·70	22 ·58	2
8	Mon. 7	5 ·68	23 ·57	3
9	Tues. 8	6 ·67	24 ·58	4
10	Wed. 9	7 ·68	25 ·62	5
11	Thur. 10	8 ·72	26 ·67	6
12	Fri. 11	9 ·77	27 ·74	7
13	Sat. 12	10 ·84	1 ·83	8
14	Sun. 13	11 ·92	2 ·93	9
15	Mon. 14	.. ...	... ...	10
16	Tues. 15	12 ·01	3 ·05	11
17	Wed. 16	13 ·10	4 ·15	12
18	Thur. 17	14 ·19	5 ·25	13
19	Fri. 18	**P** ·25	6 ·34	14
20	Sat. 19	1 ·30	7 ·40	15
21	Sun. 20	2 ·33	8 ·45	16
22	Mon. 21	3 ·34	9 ·49	17
23	Tues. 22	4 ·33	10 ·50	18
24	Wed. 23	5 ·29	11 ·49	19
25	Thur. 24	6 ·24	12 ·46	20
26	Fri. 25	7 ·17	13 ·42	21
27	Sat. 26	8 ·09	14 ·37	22
28	Sun. 27	9 ·01 10 ·91	15 ·30	23
—29	Mon. 28	11 ·81	16 23	24
1	Tues. 29	12 ·71	17 ·16	25
2	Wed. 30	13 ·62	18 ·09	26
3	Thur. 31	14 ·54	19 ·03 20 ·98	27

Śukla. *Mārgaśirsha.* *Bahula.* *Pausha.* *H.* 1050 *Shaʿbān.* *H.* 1050 *Ramażān.*

13 Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1641. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·60.** **Śaka 1563.** **Kaliyuga 4742.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·51.** **(S. Cycle) Vṛisha.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Vikrama. **Makara—Tal.** 4	Fri. 1	—**A** ·46	21 ·94	28
5	Sat. 2	1 ·40	22 ·91	29
6	Sun. 3	2 ·35	23 ·89	—30
7	Mon. 4	3 ·33	24 ·91	1
8	Tues. 5	4 ·31	25 ·93	2
9	Wed. 6	*Śukla.* 5 ·33	26 ·98	3
10	Thur. 7	6 ·37	... ...	4
11	Fri. 8	7 ·42	27 ·05	5
12	Sat. 9	8 ·49	1 ·13	6
13	Sun. 10	9 ·58	2 ·24	7
14	Mon. 11	10 ·67	3 ·34	8
15	Tues. 12	11 ·76	4 ·45	9
16	Wed. 13	12 ·84	5 ·55	10
17	Thur. 14	13 ·91	6 ·64	11
18	Fri. 15	14 ·95	7 ·72	12
19	Sat. 16	**P** ·97	8 ·78	13
20	Sun. 17	1 ·98	9 ·81	14
21	Mon. 18	2 ·97	10 ·82	15
22	Tues. 19	3 ·93	11 ·81	16
23	Wed. 20	4 ·88	12 ·79	17
24	Thur. 21	5 ·81	13 ·76	18
25	Fri. 22	6 ·73	14 ·70	19
26	Sat. 23	7 ·64	15 ·64	20
27	Sun. 24	8 ·54	16 ·57	21
28	Mon. 25	9 ·44	17 ·50	22
—29	Tues. 26	10 ·34	18 ·44	23
1	Wed. 27	11 ·25	19 ·38	24
2	Thur. 28	12 ·16	20 ·32	25
3	Fri. 29	13 ·09	21 ·27	26
4	Sat. 30	14 ·03	22 ·24	27
		A ·99		
5	Sun. 31	1 ·96	23 ·23	28
	Feb.			
Vikrama. **Kumbha—Māsi.** 6	Mon. 1	2 ·94	24 ·23	—29
7	Tues. 2	3 ·96	25 ·25	1
8	Wed. 3	*Śukla.*	26 ·29	2
9	Thur. 4	1 ·00	27 ·35	3
10	Fri. 5	5 ·03	1 ·43	4
11	Sat. 6	6 ·13	2 ·53	5
12	Sun. 7	7 ·21	3 ·64	6
13	Mon. 8	8 ·30	4 ·75	7
14	Tues. 9	9 ·39	5 ·85	8
15	Wed. 10	10 ·47	6 ·94	9
16	Thur. 11	11 ·53	... ...	10
17	Fri. 12	12 ·58	7 ·03	11
18	Sat. 13	13 ·60	8 ·09	12
19	Sun. 14	14 ·61	9 ·13	13
20	Mon. 15	**P** ·59	10 ·14	14
21	Tues. 16	1 ·55	11 ·14	15
22	Wed. 17	2 ·49	12 ·13	16
23	Thur. 18	3 ·42	13 ·09	17
24	Fri. 19	4 ·34	11 ·04 / 15 ·98	18
25	Sat. 20	5 ·25	16 ·91	19
26	Sun. 21	6 ·16	17 ·85	20
27	Mon. 22	7 ·06 / ·96	18 ·78	21
28	Tues. 23	9 ·86	19 ·71	22
29	Wed. 24	10 ·77	20 ·65	23
—30	Thur. 25	11 ·70	21 ·60	24
1	Fri. 26	12 ·64	22 ·56	25
2	Sat. 27	13 ·60	23 ·55	26
3	Sun. 28	14 ·57	24 ·55	27

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
Vikrama. **Mīna—Pāṅguni.** 4	Mon. 1	—**A** ·56	25 ·56	28
5	Tues. 2	1 ·57	26 ·60	29
6	Wed. 3	2 ·61	27 ·66	—30
7	Thur. 4	3 ·67	1 ·74	1
8	Fri. 5	4 ·74	2 ·84	2
9	Sat. 6	*Śukla.* 5 ·82	3 ·94	3
10	Sun. 7	6 ·91	... ..	4
11	Mon. 8	...	4 ·05	5
12	Tues. 9	7 ·00	5 ·15	6
13	Wed. 10	8 ·07	6 ·26	7
14	Thur. 11	9 ·13	7 ·34	8
15	Fri. 12	10 ·18	8 ·40	9
16	Sat. 13	11 ·20	9 ·44	10
17	Sun. 14	12 ·20	10 ·45	11
18	Mon. 15	13 ·18	11 ·47	12
19	Tues. 16	14 ·14	12 ·46	13
20	Wed. 17	**P** ·09	13 ·42	14
21	Thur. 18	1 ·02 / 2 ·93	14 ·37	15
22	Fri. 19	3 ·83	15 ·32	16
23	Sat. 20	4 ·73	16 ·26	17
24	Sun. 21	5 ·63	17 ·19	18
25	Mon. 22	6 ·53	18 ·12	19
26	Tues. 23	7 ·44	19 ·05 / 20 ·99	20
27	Wed. 24	8 ·36	21 ·93	21
28	Thur. 25	9 ·28	22 ·90	22
29	Fri. 26	10 ·22	23 ·88	23
30	Sat. 27	11 ·17	24 ·87	24
—31	Sun. 28	12 ·14	25 ·88	25
1	Mon. 29	13 ·13	26 ·92	26
2	Tues. 30	14 ·15	27 ·98	27
3	Wed. 31	- **A** ·19	... ...	28
	April.			
Vishu. **Mēsha—Chittirai.** 4	Thur. 1	1 ·24	1 ·05	—29
5	Fri. 2	2 ·30	2 ·11	1
6	Sat. 3	3 ·38	3 ·24	2
7	Sun. 4	4 ·47	4 ·34	3
8	Mon. 5	*Śukla.* 5 ·56	5 ·46	4
9	Tues. 6	6 ·63	6 ·56	5
10	Wed. 7	7 ·69	7 ·64	6
11	Thur 8	8 ·73	8 ·71	7
12	Fri. 9	9 ·75	9 ·76	8
13	Sat. 10	10 ·75	10 ·79	9
14	Sun. 11	11 ·73	11 ·80	10
15	Mon. 12	12 ·69	12 ·78	11
16	Tues. 13	13 ·63	13 ·75	12
17	Wed. 14	14 ·56	14 ·71	13
18	Thur. ○ 15	**P** ·47	15 ·66	14
19	Fri. 16	1 ·38	16 ·60	15
20	Sat. 17	2 ·28	17 ·53	16
21	Sun. 18	3 ·18	18 ·46	17
22	Mon. 19	4 ·08 / 5 ·98	19 ·39	18
23	Tues. 20	6 ·89	20 ·32	19
24	Wed. 21	7 ·81	21 ·27	20
25	Thur. 22	8 ·75	22 ·23	21
26	Fri. 23	9 ·70	23 ·20	22
27	Sat. 24	10 ·67	24 ·19	23
28	Sun. 25	11 ·66	25 ·20	24
29	Mon. 26	12 ·67	26 ·21	25
—30	Tues. 27	13 ·70	27 ·28	26
1	Wed. 28	14 ·76	1 ·35	27
2	Thur. 29	- **A** ·83	2 ·44	28
3	Fri. 30	1 ·91	3 ·54	29

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
Vrisha. **Vrishabha—Vaigāsi.** 4	Sat. 1	2 ·99	4 ·65	—30
5	Sun. 2	... ...	5 ·76	1
6	Mon. 3	3 ·07	6 ·86	2
7	Tues. 4	4 ·14	7 ·95	3
8	Wed. 5	5 ·21	...	4
9	Thur. 6	*Śukla.* 6 ·25	8 ·02	5
10	Fri. 7	7 ·25	9 ·08	6
11	Sat. 8	8 ·26	10 ·11	7
12	Sun. 9	9 ·25	11 ·12	8
13	Mon. 10	10 ·21	12 ·11	9
14	Tues. 11	11 ·15	13 ·08	10
15	Wed. 12	12 ·07 / 13 ·98	14 ·04	11
16	Thur. 13	14 ·89	15 ·00 / 16 ·94	12
17	Fri. 14	**P** ·79	17 ·87	13
18	Sat. 15	1 ·69	18 ·80	14
19	Sun. 16	2 ·59	19 ·73	15
20	Mon. 17	3 ·49	20 ·67	16
21	Tues. 18	4 ·40	21 ·61	17
22	Wed. 19	5 ·32	22 ·57	18
23	Thur. 20	6 ·25	23 ·53	19
24	Fri. 21	7 ·20	24 ·52	20
25	Sat. 22	8 ·17	25 ·53	21
26	Sun. 23	9 ·15	26 ·55	22
27	Mon. 24	10 ·17	27 ·59	23
28	Tues. 25	11 ·20	1 ·66	24
29	Wed. 26	12 ·25	2 ·74	25
30	Thur. 27	13 ·32	3 ·84	26
31	Fri. 28	14 ·40	4 ·95	27
—32	Sat. 29	**A** ·49	... ...	28
1	Sun 30	1 ·57	5 ·06	—29
2	Mon. 31	2 ·64	6 ·16	1
	June.			
Vrisha. **Mithuna—Āni.** 3	Tues. 1	3 ·69	7 ·25	2
4	Wed. 2	4 ·73	8 ·32	3
5	Thur. 3	*Śukla.* 5 ·75	9 ·39	4
6	Fri. 4	6 ·75	10 ·43	5
7	Sat. 5	7 ·74	11 ·44	6
8	Sun. 6	8 ·70	12 ·44	7
9	Mon. 7	9 ·64	13 ·41	8
10	Tues. 8	10 ·57	14 ·38	9
11	Wed. 9	11 ·48	15 ·32	10
12	Thur. 10	12 ·38	16 ·27	11
13	Fri. 11	13 ·28	17 ·21	12
14	Sat. 12	14 ·18	18 ·14	13
15	Sun. 13	**P** ·08 / 1 ·98	19 ·07	14
16	Mon. 14	2 ·89	20 ·01 / 21 ·85	15
17	Tues. 15	3 ·80	22 ·90	16
18	Wed. 16	4 ·73	23 ·86	17
19	Thur. 17	5 ·68	24 ·85	18
20	Fri. 18	6 ·65	25 ·85	19
21	Sat. 19	7 ·63	26 ·87	20
22	Sun. 20	8 ·65	27 ·90	21
23	Mon. 21	9 ·68	1 ·96	22
24	Tues. 22	10 ·73	.	23
25	Wed. 23	11 ·79	2 ·05	24
26	Thur 24	12 ·87	3 ·14	25
27	Fri. 25	13 ·95	4 ·25	26
28	Sat. 26		5 ·35	27
29	Sun. 27	14 ·04	6 ·46	28
30	Mon. 28	—**A** ·11	7 ·55	29
—31	Tues. 29	1 ·16	8 ·64	—30
1	Wed. 30	2 ·20	9 ·70	1

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swā. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1641. **Kollam 817,** { **N. Malabar—Sep.** **Hijra 1051.** **Vikrama 1698.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 2.** **Bengal San. 1047.**
P—Paurnimā. **(N. Cycle) Vikṛita.**

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
	July.								**Sep.**								**Nov.**						
Vrisha. **Karkaṭaka—Ādi.**			*Śukla.*					*Vrisha.* **Kanyā—Purattāśi.**			*Śukla.*					*Vrisha.* **Vṛiśchika—Kārttigai.**			*Śukla.*				
2	Thur.	1	3	·23	10	·74		1	Wed.	1	7	·78	17	·23	5	2	Mon.	1	9	·41	24	·49	7
3	Fri.	2	4	·22	11	·76	3	2	Thur.	2	8	·68	18	·16		3	Tues.	2	10	·35	25	·47	8
4	Sat.	3	5	·21	12	·76	4	3	Fri.	3	9	·58	19	·09	7	4	Wed	3	11	·32	26	·47	9
5	Sun.	4	6	·17	13	·75	5	4	Sat	4	10	·48	20	·02	8	5	Thur.	4	12	·31	27	·48	10
6	Mon.	5	7	·12	14	·72	6						21	·95		6	Fri.	5	13	·33	1	·52	11
7	Tues.	6	8	·05	15	·67	7	5	Sun.	5	11	·39	22	·91	9	7	Sat.	6	14	·36	2	·58	12
			9	·96				6	Mon.	6	12	·31	23	·86	10	8	Sun.	7	P	·41	3	·66	13
8	Wed.	7	10	·86	16	·61	8	7	Tues.	7	13	·24	24	·83	11	9	Mon.	8	1	·18	4	·75	14
9	Thur.	8	11	·76	17	·54	9	8	Wed.	8	14	·19	25	·81	12	10	Tues.	9	2	·57	5	·85	15
10	Fri.	9	12	·66	18	·48	10	9	Thur.	9	P	·15	26	·82	13	11	Wed.	10	3	·66	6	·96	16
11	Sat.	10	13	·56	19	·41	11	10	Fri.	10	1	·11	27	·85	14	12	Thur.	11	4	·74	...	...	17
12	Sun.	11	14	·46	20	·34	12	11	Sat.	11	2	·16	1	·90	15	13	Fri.	12	5	·82	7	·06	18
13	Mon.	12	P	·36	21	·28	13	12	Sun.	12	3	·19	2	·96	16	14	Sat	13	6	·89	8	·16	19
14	Tues.	13	1	·28	22	·23	14	13	Mon.	13	4	·23	...	...	17	15	Sun.	14	7	·91	9	·25	20
15	Wed.	14	2	·21	23	·20	15	14	Tues.	14	5	·29	3	·04	18	16	Mon	15	8	·97	10	·32	21
16	Thur.	15	3	·16	24	·18	16	15	Wed.	15	6	·37	4	·14	19	17	Tues.	16	9	·98	11	·36	22
17	Fri.	16	4	·13	25	·17	17	16	Thur.	16	7	·46	5	·26	20	18	Wed.	17	10	·97	12	·38	23
18	Sat.	17	5	·12	26	·18	18	17	Fri.	17	8	·54	6	·36	21	19	Thur.	18	11	·93	13	·38	24
19	Sun.	18	6	·13	27	·22	19	18	Sat.	18	9	·62	7	·46	22	20	Fri.	19	12	·88	14	·38	25
20	Mon.	19	7	·15	1	·27	20	19	Sun.	19	10	·68	8	·55	23	21	Sat.	20	13	·82	15	·35	26
21	Tues	20	8	·20	2	·35	21	20	Mon.	20	11	·73	9	·63	24	22	Sun	21	14	·74	16	·30	27
22	Wed.	21	9	·26	3	·44	22	21	Tues.	21	12	·76	10	·69	25	23	Mon.	22	A	·65	17	·24	28
23	Thur.	22	10	·34	4	·54	23	22	Wed.	22	13	·77	11	·73	26	24	Tues	23	1	·56	18	·18	29
24	Fri	23	11	·43	5	·65	24	23	Thur.	23	14	·76	12	·71	27	25	Wed.	24	2	·46	19	·12	1
25	Sat.	24	12	·51	6	·76	25	24	Fri.	24	A	·73	13	·73	28						20	·05	
26	Sun	25	13	·58	7	·86	26	25	Sat.	25	1	·67	14	·71	29	26	Thur.	25	3	·36	21	·98	2
27	Mon.	26	14	·61	8	·95	27	26	Sun.	26	2	·60	15	·67	1	27	Fri.	26	4	·26	22	·91	3
28	Tues.	27	A	·68			28	27	Mon.	27	3	·52	16	·63	2	28	Sat.	27	5	·17	23	·86	4
29	Wed.	28	1	·71	9	·01	29	28	Tues.	28	4	·43	17	·57	3	29	Sun.	28	6	·09	24	·83	5
30	Thur.	29	2	·72	10	·06	1	29	Wed.	29	5	·33	18	·50	4	30	Mon.	29	7	·03	25	·80	6
31	Fri.	30	3	·70	11	·08	2	30	Thur.	30	6	·23	19	·43	5	1	Tues.	30	8	·99	26	·79	7
32	Sat.	31	4	·66	12	·10	3												9	·96			
	Aug.								**Oct.**								**Dec.**						
Vrisha. **Siṁha—Āvaṇi.**			*Śukla.*					*Vrisha.* **Tulā—Aippaśi.**			*Śukla.*					*Vrisha.* **Dhanus—Mārgali.**			*Śukla.*				
1	Sun.	1	5	·61	13	·08	4	1	Fri.	1	7	13	20	·36	6	2	Wed	1	10	·95	27	·80	8
2	Mon	2	6	·54	14	·05	5	2	Sat.	2	8	·04	21	·30	7	3	Thur.	2	11	·97	1	·83	9
					15	·00					9	·95				4	Fri.	3	..		2	·89	10
3	Tues.	3	7	·46	16	95	6	3	Sun	3	10	·87	22	·24	8	5	Sat.	4	12	·01	3	·96	11
4	Wed.	4	8	·36	17	·89	7	4	Mon.	4	11	·81	23	·19	9	6	Sun.	5	13	·07	...		12
5	Thur.	5	9	·26	18	·82	8	5	Tues.	5	12	·76	24	·16	10	7	Mon.	6	14	·14	4	·06	13
6	Fri.	6	10	·16	19	·75	9	6	Wed.	6	13	·73	25	·14	11	8	Tues.	7	P	·22	5	·15	14
7	Sat.	7	11	·05	20	·68	10	7	Thur.	7	14	·72	26	·15	12	9	Wed.	8	1	·31	6	·26	15
			12	96				8	Fri.	8	P	·73	27	·17	13	10	Thur.	9	2	·40	7	·36	16
8	Sun.	8	13	·87	21	·62	11	9	Sat.	9	1	·75	1	·21	14	11	Fri.	10	3	·48	8	·47	17
9	Mon.	9	14	·78	22	·57	12	10	Sun.	10	2	·80	2	·27	15	12	Sat	11	4	·54	9	·56	18
10	Tues.	10	P	·71	23	·53	13	11	Mon.	11	3	·87	3	·35	16	13	Sun.	12	5	·58	10	·62	19
11	Wed.	11	1	·66	24	·50	14	12	Tues.	12	4	·95	4	·45	17	14	Mon.	13	6	·61	11	·68	20
12	Thur.	12	2	·63	25	·49	15	13	Wed.	13	...	.	5	·55	18	15	Tues	14	7	62	12	·70	21
13	Fri.	13	3	·62	26	·50	16	14	Thur.	14	5	·01	6	·66	19	16	Wed.	15	8	·61	13	·72	22
14	Sat.	14	4	·61	27	·53	17	15	Fri.	15	6	·13	7	·76	20	17	Thur.	16	9	58	14	·71	23
15	Sun.	15	5	·65	1	·59	18	16	Sat.	16	7	·21	8	·86	21	18	Fri.	17	10	·52	15	·68	24
16	Mon.	16	6	·70	2	·66	19	17	Sun.	17	8	·27	9	·95	22	19	Sat.	18	11	·45	15	63	25
17	Tues.	17	7	·76	3	·74	20	18	Mon.	18	9	·31	..	...	23	20	Sun.	19	12	·37	17	·58	26
18	Wed.	18	8	·81	4	·84	21	19	Tues.	19	10	34	10	·09	24	21	Mon.	20	13	·28	18	·52	27
19	Thur.	19	9	92	5	·95	22	20	Wed.	20	11	·35	11	·01	25	22	Tues.	21	14	·19	19	·45	28
20	Fri.	20	..	.		...	23	21	Thur.	21	12	35	12	·06	26	23	Wed.	22	A	·09	20	·38	29
21	Sat.	21	10	·01	6	·06	24	22	Fri.	22	13	·32	13	·06	27				1	·99			
22	Sun.	22	11	·08	7	·16	25	23	Sat.	23	14	·27	14	04	28	24	Thur.	23	2	·90	21	·31	30
23	Mon.	23	12	·14	8	·25	26						15	·01		25	Fri.	24	3	·81	22	·25	1
24	Tues.	24	13	·19	9	·32	27	24	Sun.	24	A	·20	16	·96	29	26	Sat.	25	4	·73	23	·20	2
25	Wed.	25	14	·22	10	·37	28	25	Mon.	25	1	·12	17	·90	30	27	Sun.	26	5	·67	24	·16	3
26	Thur.	26	A	·23	11	·41	29				2	·03				28	Mon.	27	6	·63	25	·13	4
27	Fri.	27	1	·21	12	·42	30	26	Tues	26	3	·93	18	·84	1	29	Tues.	28	7	61	26	·11	5
28	Sat.	28	2	·18	13	·41	1	27	Wed.	27	4	·83	19	·77	2	1	Wed.	29	8	·60	27	·12	6
29	Sun.	29	3	·12	14	38	2	28	Thur.	28	5	·73	20	71	3	2	Thur.	30	9	61	1	·14	7
30	Mon.	30	4	·05	15	·34	3	29	Fri.	29	6	·64	21	·64	4	3	Fri.	31	10	·65	2	·20	8
			5	·97				30	Sat.	30	7	·55	22	·58	5								
31	Tues.	31	6	88	16	·29	4	1	Sun.	31	8	·48	23	·53	6								

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1642. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 28·86.** **Śaka 1564.** **Kaliyuga 4743.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·77.** **(S. Cycle) Chitrabhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Pausha. **Makara—Tai.**			*Pausha.*			*Vrisha.* **Mina—Pangni.**			*Phalguna.*			*Chitrabhānu.* **Vrishabha—Vaigāśi.**			*Vaiśākha.*		
4	Sat.	1	11 ·71	3 ·27	9	4	Tues.	1	10 ·23	7 ·27	9	3	Sun.	1	12 ·59	13 ·32	11
5	Sun.	2	12 ·78	4 ·35	10	5	Wed.	2	11 ·31	8 ·37	10	4	Mon.	2	13 ·56	14 ·34	12
6	Mon.	3	13 ·87	5 ·45	11	6	Thur.	3	12 ·47	9 ·47	11	5	Tues.	3	14 ·52	15 ·33	13
7	Tues.	4	14 ·96	6 ·55	12	7	Fri.	4	13 ·43	10 ·56	12	6	Wed.	4	P ·46	16 ·30	14
8	Wed.	5	...	7 ·67	13	8	Sat.	5	14 ·47	11 ·62	13	7	Thur.	5	1 ·39	17 ·26	15
9	Thur.	6	P ·04	8 ·77	14	9	Sun.	6	P ·49	12 ·66	14	8	Fri.	6	2 ·30	18 ·21	16
10	Fri.	7	1 ·12	9 ·86	15	10	Mon.	7	1 ·49	13 ·68	15	9	Sat.	7	3 ·20	19 ·16	17
11	Sat.	8	2 ·18	10 ·93	16	11	Tues.	8	2 ·48	14 ·68	16	10	Sun.	8	4 ·10	20 ·09	18
12	Sun.	9	3 ·23	11 ·99	17	12	Wed.	9	3 ·44	15 ·68	17	11	Mon.	9	5 ·00	21 ·02	19
13	Mon.	10	4 ·25	...	18	13	Thur.	10	4 ·38	16 ·64	18				6 ·90	22 ·95	
14	Tues.	11	5 ·26	12 ·03	19	14	Fri.	11	5 ·31	17 ·59	19	12	Tues.	10	7 ·80	23 ·88	20
15	Wed.	12	6 ·25	13 ·04	20	15	Sat.	12	6 ·22	18 ·54	20	13	Wed.	11	8 ·70	24 ·83	21
16	Thur.	13	7 ·22	14 ·03	21	16	Sun.	13	7 ·13	19 ·47	21	14	Thur.	12	9 ·62	25 ·79	22
17	Fri.	14	8 ·16	15 ·01 16 ·97	22	17	Mon.	14	8 ·03 9 ·93	20 ·40	22	15	Fri.	13	10 ·57	26 ·75	23
18	Sat.	15	9 ·09	17 ·92	23	18	Tues.	15	10 ·83	21 ·34	23	16	Sat.	14	11 ·53	27 ·74	24
19	Sun.	16	10 ·01 11 ·92	18 ·86	24	19	Wed.	16	11 ·74	22 ·27	24	17	Sun.	15	12 ·50	1 ·74	25
20	Mon.	17	12 ·82	19 ·79	25	20	Thur.	17	12 ·65	23 ·21	25	18	Mon.	16	13 ·48	2 ·77	26
21	Tues.	18	13 ·72	20 ·72	26	21	Fri.	18	13 ·57	24 ·15	26	19	Tues.	17	14 ·49	3 ·81	27
22	Wed.	19	14 ·62	21 ·65	27	22	Sat.	19	14 ·51	25 ·11	27	20	Wed.	18	—A ·53	4 ·88	28
23	Thur.	20	A ·53	22 ·60	28	23	Sun.	20	A ·47	26 ·10	28	21	Thur	19	1 ·58	5 ·96	—29
24	Fri.	21	1 ·45	23 ·54	29	24	Mon.	21	1 ·45	27 ·09	29	22	Fri.	20	2 ·65	... ...	1
25	Sat.	22	2 ·38	24 ·49	1	25	Tues.	22	2 ·44	1 ·10	1	23	Sat.	21	3 ·74	6 ·05	2
26	Sun.	23	3 ·32	25 ·45	2	26	Wed.	23	3 ·46	2 ·13	2	24	Sun.	22	4 ·82	7 ·16	3
27	Mon.	24	4 ·27	26 ·44	3	27	Thur.	24	4 ·49	3 ·19	3	25	Mon.	23	5 ·90	8 ·28	4
28	Tues.	25	5 ·25	27 ·44	4	28	Fri.	25	5 ·55	4 ·27	4	26	Tues.	24	6 ·97	9 ·38	5
29	Wed.	26	6 ·24	1 ·47	5	29	Sat.	26	6 ·63	5 ·36	5	27	Wed.	25	... ...	10 ·47	6
—30	Thur.	27	7 ·25	2 ·51	6	30	Sun.	27	7 ·71	6 ·46	6	28	Thur.	26	7 ·03	11 ·54	7
1	Fri.	28	8 ·30	3 ·57	7	—31	Mon.	28	8 ·80	7 ·56	7	29	Fri.	27	8 ·06	12 ·60	8
2	Sat.	29	9 ·36	4 ·65	8	1	Tues.	29	9 ·88	8 ·67	8	30	Sat.	28	9 ·08	13 ·65	9
3	Sun.	30	10 ·43	5 ·75	9	2	Wed.	30	10 ·95	9 ·78	9	—31	Sun.	29	10 ·08	14 ·66	10
4	Mon.	31	11 ·51	6 ·86	10	3	Thur.	31	... ...	10 ·86	10	1	Mon.	30	11 ·06	15 ·66	11
												2	Tues.	31	12 ·02 13 ·96	16 ·63	12
	Feb.						**April.**						**June.**				
Vrisha. **Kumbha—Māśi.**			*Māgha.*			*Chitrabhānu.* **Mēsha—Chittirai.**			*Chaitra.*			*Chitrabhānu.* **Mithuna—Āni.**			*Jyeshtha.*		
5	Tues.	1	12 ·59	7 ·97	11	4	Fri.	1	11 ·00	11 ·93	11	3	Wed.	1	14 ·88	17 ·60	13
6	Wed.	2	13 ·68	... ...	12	5	Sat.	2	12 ·04	12 ·98	12	4	Thur.	2	P ·79	18 ·55	14
7	Thur.	3	14 ·77	8 ·07	13	6	Sun.	3	13 ·05	... ...	13	5	Fri.	3	1 ·69	19 ·49	15
8	Fri.	4	P ·83	9 ·16	14	7	Mon.○	4	14 ·05	13 ·00	14	6	Sat.	4	2 ·59	20 ·43	16
9	Sat.	5	1 ·87	10 ·24	15	8	Tues.	5	P ·04	14 ·01	15	7	Sun.	5	3 ·49	21 ·35	17
10	Sun.	6	2 ·89	11 ·31	16	9	Wed.	6	1 ·00 2 ·94	15 ·00 16 ·97	16	8	Mon.	6	4 ·39	22 ·28	18
11	Mon.	7	3 ·90	12 ·35	17							9	Tues.	7	5 ·29	23 ·23	19
12	Tues.	8	4 ·89	13 ·36	18	10	Thur.	7	3 ·87	17 ·93	17	10	Wed.	8	6 ·20	24 ·17	20
13	Wed.	9	5 ·85	14 ·36	19	11	Fri.	8	4 ·78	18 ·87	18	11	Thur.	9	7 ·12	25 ·12	21
14	Thur.	10	6 ·78	15 ·34	20	12	Sat.	9	5 ·69	19 ·81	19	12	Fri.	10	8 ·06	26 ·08	22
15	Fri.	11	7 ·71	16 ·31	21	13	Sun.	10	6 ·59	20 ·75	20	13	Sat.	11	9 ·01 10 ·97	27 ·06	23
16	Sat.	12	8 ·63	17 ·26	22	14	Mon.	11	7 ·49	21 ·68	21		Sun.	12			
17	Sun.	13	9 ·54	18 ·20	23	15	Tues.	12	8 ·39	22 ·61	22	14	Mon.	13	11 ·96	1 ·06	24
18	Mon.	14	10 ·44	19 ·13	24	16	Wed.	13	9 ·29	23 ·54	23	15	Tues.	14	12 ·97	2 ·09	25
				20 ·06		17	Thur.	14	10 ·20	24 ·49	24	16	Wed.	15	.. ...	3 ·12	26
19	Tues.	15	11 ·34	21 ·99	25	18	Fri.	15	11 ·12	25 ·45	25	17	Thur.	16	13 ·01	4 ·18	27
20	Wed.	16	12 ·24	22 ·93	26	19	Sat.	16	12 ·06	26 ·42	26	18	Fri.	17	14 ·06	5 ·26	28
21	Thur.	17	13 ·14	23 ·87	27	20	Sun.	17	13 ·02 14 ·99	27 ·41	27	19	Sat.	18	—A ·12	6 ·35	29
22	Fri.	18	14 ·05 A ·98	24 ·82	28	21	Mon.	18	—A ·97	1 ·42	28	20	Sun.	19	1 ·20	7 ·46	—30
23	Sat.	19	1 ·93	25 ·78	29	22	Tues.	19	1 ·99	2 ·45	29	21	Mon.	20	2 ·29	8 ·57	1
24	Sun.	20	2 ·89	26 ·76	30	23	Wed.	20	... ...	3 ·50	30	22	Tues.	21	3 ·37	9 ·68	2
25	Mon.	21	3 ·86	27 ·77	1	24	Thur.	21	2 ·02	4 ·57	1	23	Wed.	22	4 ·44	10 ·77	3
26	Tues.	22	4 ·85	1 ·78	2	25	Fri.	22	3 ·08	5 ·66	2	24			5 ·50	11 ·85	4
27	Wed.	23	5 ·87	2 ·82	3	26	Sat	23	4 ·16	6 ·76	3	25	Thur.	23	6 ·54	12 ·92	5
28	Thur.	24	6 ·91	3 ·88	4	27	Sun.	24	5 ·25	7 ·86	4	26	Fri.	24	7 ·56	13 ·96	6
—29	Fri.	25	7 ·97	4 ·96	5	28	Mon.	25	6 ·33	8 ·97	5	27	Sat.	25	8 ·55	14 ·98	7
1	Sat	26	... ...	...	6	29	Tues.	26	7 ·40	... ...	6	28	Sun.	26	9 ·53	15 ·98	8
2	Sun.	27	8 ·05	5 ·06	7	30	Wed.	27	8 ·47	9 ·08	7	29	Mon.	27	10 ·50	16 ·96	9
3	Mon.	28	9 ·14	6 ·16	8	—31	Thur.	28	9 ·53	10 ·17	8	30	Tues.	28	11 ·44	17 ·94	10
						1	Fri.	29	10 ·58	11 ·24	9	31	Wed.	29	12 ·36	18 ·89	11
						2	Sat.	30	11 ·61	12 ·29	10	—32	Thur.	30	13 ·27	19 ·83	12

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 27. P. Bhad. 28. U. Bhad. 27. Rev.

A.D. 1642. **Kollam 818,** (**N. Malabar—Sep.** **Hijra 1052.** **Vikrama 1699.**
A—Amāvāsyā. Commences (**S. Malabar—Aug.** Commences **March 22.** **Bengal San. 1048.**
P—Paurnimā. **(N. Cycle) Khara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Chitrabhānu. **Karkaṭaka—Ādi.**	Fri.	1	14 ·17	20 ·77	13	*Chitrabhānu.* **Kanyā—Puraṭṭāsi.**	Thur.	1	3 ·49	27 ·05	16	*Chitrabhānu.* **Vṛiśchika—Kārttigai.**	Tues.	1	5 ·79	7 ·96	18
	Sat.	2	P ·07	21 ·69	14		Fri.	2	4 ·47	1 ·03	17		Wed.	2	6 ·87	... ...	19
			1 ·97				Sat.	3	5 ·46	2 ·04	18		Thur.	3	7 ·95	8 ·07	20
	Sun.	3	2 ·87	22 ·63	15		Sun.	4	6 ·47	3 ·06	19		Fri.	4	... ...	9 ·18	21
	Mon.	4	3 ·77	23 ·56	16		Mon.	5	7 ·50	4 ·12	20		Sat.	5	8 ·04	10 ·28	22
	Tues.	5	4 ·68	24 ·50	17		Tues.	6	8 ·55	5 ·18	21		Sun.	6	9 ·12	11 ·38	23
	Wed.	6	5 ·60	25 ·45	18		Wed.	7	9 ·61	6 ·27	22		Mon.	7	10 ·19	12 ·46	24
	Thur.	7	6 ·53	26 ·41	19		Thur.	8	10 ·69	7 ·36	23		Tues.	8	11 ·24	13 ·54	25
	Fri.	8	7 ·48	27 ·39	20		Fri.	9	11 ·77	8 ·47	24		Wed.	9	12 ·27	14 ·58	26
	Sat.	9	8 ·46	1 ·39	21		Sat.	10	12 ·85	9 ·58	25		Thur.	10	13 ·27	15 ·60	27
	Sun.	10	9 ·45	2 ·40	22		Sun.	11	13 ·93	10 ·68	26		Fri.	11	14 ·25	16 ·60	28
	Mon.	11	10 ·45	3 ·44	23		Mon.	12	... ...	11 ·77	27		Sat.	12	—A ·21	17 ·59	—29
	Tues.	12	11 ·48	4 ·49	24		Tues.	13	14 ·00	12 ·85	28		Sun.	13	1 ·16	18 ·57	1
	Wed.	13	12 ·52	5 ·56	25		Wed.	14	—A ·05	13 ·90	—29		Mon.	14	2 ·10	19 ·52	2
	Thur.	14	13 ·59	6 ·66	26		Thur.	15	1 ·07	14 ·94	1				3 ·02		
	Fri.	15	14 ·67	7 ·77	27		Fri.	16	2 ·08	15 ·98	2		Tues.	15	4 ·93	20 ·46	3
	Sat.	16	A ·76	8 ·87	28		Sat.	17	3 ·06	16 ·95	3		Wed.	16	5 ·83	21 ·40	4
	Sun.	17	1 ·84	9 ·98	—29				4 ·02				Thur.	17	6 ·73	22 ·32	5
	Mon.	18	2 ·91	... ...	1		Sun.	18	5 ·97	17 ·03	4		Fri.	18	7 ·64	23 ·26	6
	Tues.	19	3 ·97	10 ·08	2		Mon.	19	6 ·90	18 ·89	5		Sat.	19	8 ·55	24 ·20	7
	Wed.	20	... ...	11 ·17	3		Tues.	20	7 ·82	19 ·84	6		Sun.	20	9 ·46	25 ·13	8
	Thur.	21	4 ·02	12 ·23	4		Wed.	21	8 ·73	20 ·79	7		Mon.	21	10 ·38	26 ·08	9
	Fri.	22	5 ·04	13 ·28	5		Thur.	22	9 ·63	21 ·72	8		Tues.	22	11 ·32	27 ·04	10
	Sat.	23	6 ·04	14 ·30	6		Fri.	23	10 ·53	22 ·65	9		Wed.	23	12 ·27	1 ·01	11
			7 ·02				Sat.	24	11 ·43	23 ·58	10		Thur.	24	13 ·25	2 ·01	12
	Sun.	24	8 ·98	15 ·31	7		Sun.	25	12 ·33	24 ·51	11		Fri.	25	14 ·25	3 ·02	13
	Mon.	25	9 ·92	16 ·30	8		Mon.	26	13 ·24	25 ·46	12		Sat.	26	P ·26	4 ·05	14
	Tues.	26	10 ·84	17 ·27	9		Tues.	27	14 ·16	26 ·41	13		Sun.	27	1 ·30	5 ·10	15
	Wed.	27	11 ·76	18 ·22	10		Wed.	28	P ·10	27 ·38	14		Mon.	28	2 ·35	6 ·17	16
	Thur.	28	12 ·67	19 ·17	11		Thur.	29	1 ·05	1 ·36	15		Tues.	29	3 ·42	7 ·27	17
	Fri.	29	13 ·57	20 ·10	12		Fri.	30	2 ·03	2 ·36	16		Wed.	30	4 ·50	8 ·37	18
	Sat.	30	14 ·47	21 ·03 / 22 ·97	13												
—31	Sun.	31	P ·37	23 ·90	14												
	Aug.						**Oct.**						**Dec.**				
Chitrabhānu. **Simha—Avaṇi.**	Mon.	1	1 ·27	24 ·84	15		Sat.	1	3 ·03	3 ·39	17		Thur.	1	5 ·59	9 ·48	19
	Tues.	2	2 ·18	25 ·78	16		Sun.	2	4 ·04	4 ·43	18		Fri.	2	6 ·68	10 ·58	20
	Wed.	3	3 ·10	26 ·74	17		Mon.	3	5 ·06	5 ·49	19		Sat.	3	7 ·76	11 ·68	21
			4 ·03				Tues.	4	6 ·11	6 ·57	20		Sun.	4	8 ·83	12 ·77	22
	Thur.	4	5 ·97	27 ·72	18		Wed.	5	7 ·17	7 ·66	21		Mon.	5	9 ·88	13 ·84	23
	Fri.	5	6 ·95	1 ·71	19		Thur.	6	8 ·25	8 ·77	22		Tues.	6	10 ·91	14 ·89	24
	Sat.	6	7 ·94	2 ·72	20		Fri.	7	9 ·34	9 ·88	23		Wed.	7	11 ·91	15 ·92	25
	Sun.	7	8 ·95	3 ·75	21		Sat.	8	10 ·43	10 ·98	24		Thur.	8	12 ·89	16 ·93	26
	Mon	8	9 ·97	4 ·80	22		Sun.	9	11 ·51	... ...	25		Fri.	9	13 ·85	17 ·93	27
	Tues.	9	... ..	5 ·88	23		Mon.	10	12 ·57	11 ·08	26		Sat.	10	14 ·80	18 ·90	28
	Wed.	10	10 ·02	6 ·96	24		Tues.	11	13 ·62	12 ·16	27		Sun.	11	—A ·73	19 ·85	29
	Thur.	11	11 ·09	... ..	25		Wed.	12	14 ·66	13 ·22	28		Mon.	12	1 ·65	20 ·80	—30
	Fri.	12	12 ·17	7 ·06	26		Thur.	13	A ·66	14 ·26	29		Tues.	13	2 ·56	21 ·73	1
	Sat.	13	13 ·26	8 ·17	27		Fri.	14	1 ·64	15 ·28	—30		Wed.	14	3 ·46	22 ·67	2
	Sun.	14	14 ·34	9 ·28	28		Sat.	15	2 ·60	16 ·28	1		Thur.	15	4 ·36	23 ·60	3
	Mon.	15	—A ·41	10 ·38	29		Sun.	16	3 ·55	17 ·26	2		Fri.	16	5 ·27	24 ·53	4
	Tues.	16	1 ·47	11 ·47	—30		Mon.	17	4 ·48	18 ·22	3		Sat.	17	6 ·18	25 ·47	5
	Wed.	17	2 ·52	12 ·51	1		Tues.	18	5 ·40	19 ·18	4		Sun.	18	7 ·10	26 ·41	6
	Thur.	18	3 ·55	13 ·59	2		Wed.	19	6 ·31	20 ·12	5				8 ·02		
	Fri.	19	4 ·54	14 ·62	3					21 ·05			Mon.	19	9 ·96	27 ·37	7
	Sat.	20	5 ·52	15 ·64	4		Thur.	20	7 ·21	22 ·99	6		Tues.	20	10 ·91	1 ·35	8
	Sun.	21	6 ·48	16 ·63	5		Fri.	21	8 ·11	23 ·92	7		Wed.	21	11 ·89	2 ·33	9
	Mon.	22	7 ·43	17 ·60	6		Sat.	22	9 ·02	24 ·86	8		Thur.	22	12 ·89	3 ·34	10
	Tues.	23	8 ·36	18 ·56	7				10 ·93				Fri.	23	13 ·91	4 ·36	11
	Wed.	24	9 ·28	19 ·50	8		Sun.	23	11 ·84	25 ·80	9		Sat.	24	14 ·95	5 ·41	12
	Thur.	25	10 ·18	20 ·44	9		Mon.	24	12 ·76	26 ·75	10		Sun.	25	... ...	6 ·49	13
			11 ·08				Tues.	25	13 ·69	27 ·71	11		Mon.	26	P ·00	7 ·57	14
	Fri.	26	12 ·98	21 ·38	10		Wed.	26	14 ·65	1 ·68	12		Tues.	27	1 ·07	8 ·67	15
	Sat.	27	13 ·88	22 ·31	11		Thur.	27	P ·63	2 ·69	13		Wed.	28	2 ·15	9 ·78	16
	Sun.	28	14 ·78	23 ·24	12		Fri.	28	1 ·62	3 ·70	14		Thur.	29	3 ·24	10 ·88	17
	Mon.	29	P ·69	24 ·17	13		Sat.	29	2 ·62	4 ·74	15		Fri.	30	4 ·33	11 ·99	18
	Tues.	30	1 ·62	25 ·12	14		Sun.	30	3 ·66	5 ·79	16		Sat.	31	5 ·41	... ...	19
—31	Wed.	31	2 ·55	26 ·08	15	—30	Mon.	31	4 ·72	6 ·87	17						

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1643. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·12.** **Śaka 1565.** **Kaliyuga 4744.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·03.** **(S. Cycle) Subhānu.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Chitrabhānu. **Makara—Tai.**	**Jan.**			
4	Sun. 1	*Bahula.* 6 ·48	12 ·08	*H.* 1052 *Shawwāl.* 20
5	Mon. 2	7 ·52	13 ·15	21
6	Tues. 3	8 ·55	14 ·21	22
7	Wed. 4	9 ·55	15 ·24	23
8	Thur. 5	10 ·53	16 ·26	24
9	Fri. 6	11 ·49	17 ·25	25
10	Sat. 7	12 ·44	18 ·23	26
11	Sun. 8	13 ·38	19 ·19	27
12	Mon. 9	14 ·30	20 ·13	28
13	Tues. 10	A ·20	21 ·07	29
14	Wed. 11	1 ·10	22 ·01 / 23 ·94	1
15	Thur. 12	2 ·00 / 3 ·90	24 ·87	2
16	Fri. 13	*Sukla.* 4 ·81	25 ·81	3
17	Sat. 14	5 ·73	26 ·75	4
18	Sun. 15	6 ·66	27 ·71	5
19	Mon. 16	7 ·60	1 ·67	6
20	Tues. 17	8 ·56	2 ·66	7
21	Wed. 18	9 ·54	3 ·66	8
22	Thur. 19	10 ·53	4 ·68	9
23	Fri. 20	11 ·55	5 ·73	10
24	Sat. 21	12 ·60	6 ·79	11
25	Sun. 22	13 ·66	7 ·87	12
26	Mon. 23	14 ·73	8 ·97	13
27	Tues. 24	P ·81	... ...	14
28	Wed. 25	**Magha.** 1 ·90	9 ·07	*H.* 1052 *Zi-l-ka'da.* 15
29	Thur. 26	2 ·98	10 ·19	16
30	Fri. 27	... ..	11 ·29	17
1	Sat. 28	3 ·06	12 ·38	18
2	Sun. 29	4 ·12	13 ·46	19
3	Mon. 30	5 ·17	14 ·52	*H.* 20
4	Tues. 31	6 ·19	15 ·57	21
		Feb.		
5	Wed. 1	*Bahula.* 7 ·19	16 ·58	22
6	Thur. 2	8 ·17	17 ·58	23
7	Fri. 3	9 ·12	18 ·56	24
8	Sat. 4	10 ·07	19 ·52	25
9	Sun. 5	11 ·00 / 12 ·92	20 ·47	26
10	Mon. 6	13 ·83	21 ·42	27
11	Tues. 7	14 ·73	22 ·35	28
12	Wed. 8	A ·63	23 ·28	29
13	Thur. 9	1 ·53	24 ·21	30
14	Fri. 10	2 ·44	25 ·14	1
15	Sat. 11	3 ·35	26 ·09	2
16	Sun. 12	4 ·27	27 ·04	3
17	Mon. 13	*Sukla.* 5 ·22	1 ·00 / 2 ·98	4
18	Tues. 14	6 ·18	3 ·98	5
19	Wed. 15	7 ·16	... ...	6
20	Thur. 16	8 ·15	4 ·00	7
21	Fri. 17	9 ·17	5 ·04	8
22	Sat. 18	10 ·21	6 ·10	9
23	Sun. 19	11 ·28	7 ·18	10
24	Mon. 20	12 ·36	8 ·27	11
25	Tues. 21	13 ·44	9 ·38	12
26	Wed. 22	14 ·53	10 ·49	13
27	Thur. 23	P ·61	11 ·59	14
28	Fri. 24	**Phalguna.** 1 ·68	12 ·69	15
29	Sat. 25	2 ·73	13 ·77	16
30	Sun. 26	3 ·77	14 ·83	17
1	Mon. 27	4 ·80	15 ·88	18
2	Tues. 28	5 ·80	16 ·90	19

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Chitrabhānu. **Mīna—Pañguni.**	**March.**			
3	Wed. 1	*Bahula.* 6 ·78	17 ·90	*H.* 1052 *Zi-l-hijja.* 20
4	Thur. 2	7 ·73	18 ·89	21
5	Fri. 3	8 ·67	19 ·85	22
6	Sat. 4	9 ·60	20 ·81	23
7	Sun. 5	10 ·52	21 ·75	24
8	Mon. 6	11 ·42	22 ·69	25
9	Tues. 7	12 ·32	23 ·62	26
10	Wed. 8	13 ·22	24 ·55	27
11	Thur. 9	14 ·12	25 ·49	28
12	Fri. ● 10	A ·03 / 1 ·95	26 ·43	29
13	Sat. 11	2 ·87	27 ·37	30
14	Sun. 12	3 ·81	1 ·33	1
15	Mon. 13	4 ·77	2 ·31	2
16	Tues. 14	5 ·75	3 ·31	3
17	Wed. 15	6 ·75	4 ·32	4
18	Thur. 16	7 ·77	5 ·35	5
19	Fri. 17	8 ·81	6 ·41	6
20	Sat. 18	9 ·87	7 ·48	7
21	Sun. 19	10 ·94	8 ·58	8
22	Mon. 20	... ...	9 ·68	9
23	Tues. 21	11 ·02	10 ·78	10
24	Wed. 22	12 ·11	11 ·89	11
25	Thur. 23	13 ·19	12 ·99	12
26	Fri. 24	14 ·26	... ..	13
27	Sat. ○ 25	P ·32	13 ·07	14
28	Sun. 26	**Chaitra.** 1 ·36	14 ·15	15
29	Mon. 27	2 ·37	15 ·20	16
30	Tues. 28	3 ·37	16 ·22	17
1	Wed. 29	4 ·35	17 ·23	18
2	Thur. 30	5 ·30	18 ·21	19
3	Fri. 31	6 ·24	19 ·19	20
		April.		
4	Sat. 1	7 ·16	20 ·15	21
5	Sun. 2	*Bahula.* 8 ·08 / 9 ·99	21 ·09	22
6	Mon. 3	10 ·89	22 ·03 / 23 ·96	23
7	Tues. 4	11 ·79	24 ·90	24
8	Wed. 5	12 ·69	25 ·83	25
9	Thur. 6	13 ·59	26 ·76	26
10	Fri. 7	14 ·50	27 ·71	27
11	Sat. 8	A ·42	1 ·66	28
12	Sun. 9	1 ·37	2 ·63	29
13	Mon. 10	2 ·33	3 ·63	30
14	Tues. 11	3 ·30	4 ·64	1
15	Wed. 12	4 ·29	5 ·67	2
16	Thur. 13	*Sukla.* 5 ·31	6 ·72	3
17	Fri. 14	6 ·35	7 ·79	4
18	Sat. 15	7 ·41	8 ·88	5
19	Sun. 16	8 ·48	9 ·98	6
20	Mon. 17	9 ·56	... ...	7
21	Tues. 18	10 ·65	10 ·08	8
22	Wed. 19	11 ·73	11 ·19	9
23	Thur. 20	12 ·80	12 ·29	10
24	Fri. 21	13 ·85	13 ·39	11
25	Sat. 22	14 ·89	14 ·46	12
26	Sun. 23	P ·91	15 ·51	13
27	Mon. 24	**Vaiśākha.** 1 ·91	16 ·54	14
28	Tues. 25	2 ·89	17 ·55	15
29	Wed 26	3 ·83	18 ·55	16
30	Thur. 27	4 ·76	19 ·52	17
31	Fri. 28	5 ·69	20 ·48	18
1	Sat. 29	6 ·61	21 ·42	19
2	Sun. 30	7 ·51	22 ·36	20

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Subhānu. **Vrishabha—Vaigāśi.**	**May.**			
3	Mon. 1	*Bahula.* 8 ·41	23 ·30	*H.* 1053 *Ṣafar.* 21
4	Tues. 2	9 ·31	24 ·24	22
5	Wed. 3	10 ·21	25 ·17	23
6	Thur. 4	11 ·11	26 ·10	24
7	Fri. 5	12 ·02 / 13 ·95	27 ·04 / 1 ·99	25
8	Sat. 6	14 ·89	2 ·97	26
9	Sun. 7	A ·84	3 ·96	27
10	Mon. 8	1 ·82	4 ·96	28
11	Tues. 9	2 ·81	5 ·98	29
12	Wed. 10	3 ·82	... ...	1
13	Thur. 11	4 ·86	6 ·02	2
14	Fri. 12	5 ·92	7 ·10	3
15	Sat 13	6 ·99	8 ·18	4
16	Sun. 14	*Sukla.*	9 ·28	5
17	Mon. 15	7 ·07	10 ·38	6
18	Tues. 16	8 ·15	11 ·49	7
19	Wed. 17	9 ·23	12 ·60	8
20	Thur. 18	10 ·30	13 ·69	9
21	Fri. 19	11 ·36	14 ·77	10
22	Sat. 20	12 ·39	15 ·82	11
23	Sun. 21	13 ·41	16 ·86	12
24	Mon. 22	14 ·40	17 ·88	13
25	Tues. 23	P ·38	18 ·88	14
26	Wed 24	**Jyeshtha.** 1 ·34	19 ·85	15
27	Thur. 25	2 ·28	20 ·81	16
28	Fri. 26	3 ·20	21 ·76	17
29	Sat. 27	4 ·10	22 ·70	18
30	Sun. 28	5 ·00 / 6 ·90	23 ·64	19
31	Mon. 29	7 ·80	24 ·57	20
1	Tues. 30	*Bahula.* 8 ·70	25 ·50	21
2	Wed. 31	9 ·61	26 ·44	22
		June.		
3	Thur. 1	10 ·52	27 ·38	23
4	Fri. 2	11 ·44	1 ·34	24
5	Sat. 3	12 ·38	2 ·30	25
6	Sun. 4	13 ·33	3 ·28	26
7	Mon. 5	14 ·30	4 ·28	27
8	Tues. 6	A ·29	5 ·30	28
9	Wed. 7	1 ·31	6 ·34	29
10	Thur. 8	2 ·34	7 ·40	30
11	Fri. 9	3 ·39	8 ·48	1
12	Sat. 10	4 ·46	9 ·58	2
13	Sun. 11	5 ·54	10 ·68	3
14	Mon. 12	6 ·62	11 ·79	4
15	Tues. 13	7 ·70	12 ·90	5
16	Wed. 14	*Sukla.* 8 ·77	13 ·99	6
17	Thur. 15	9 ·83	... ...	7
18	Fri. 16	10 ·87	14 ·07	8
19	Sat. 17	11 ·89	15 ·13	9
20	Sun. 18	12 ·88	16 ·18	10
21	Mon. 19	13 ·86	17 ·20	11
22	Tues. 20	14 ·82	18 ·20	12
23	Wed. 21	P ·76	19 ·18	13
24	Thur. 22	1 ·67	20 ·15	14
25	Fri. 23	2 ·59	21 ·10	15
26	Sat. 24	3 ·50	22 ·05 / 23 ·98	16
27	Sun. 25	*Bahula.* 4 ·40	24 ·91	17
28	Mon. 26	5 ·29	25 ·84	18
29	Tues. 27	6 ·18	26 ·77	19
30	Wed. 28	7 ·08 / 8 ·99	27 ·72	20
31	Thur. 29	9 ·92	1 ·67	21
1	Fri. 30	10 ·86	2 ·63	22

Subhānu. **Mesha—Chittirai.**

Subhānu. **Mithuna—Āni.**

Bahula. — *Jyeshtha.*

Bahula. — *Āshādha.*

H. 1053 *Rabī'-ul ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1643. **Kollam 819,** { **N. Malabar—Sep.** **S. Malabar—Aug.** **Hijra 1053.** **Vikrama 1700.**
A—Amāvāsyā. Commences Commences **March 12.** **Bengal San. 1049.**
P—Paurnimā. **(N. Cycle) Nandana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Sat.	1	11 ·81	3 ·61	23	1	Fri.	1	... ...	10 ·59	26	1	Wed.	1	—A ·53	16 ·75	28
2	Sun.	2	12 ·78	4 ·60	24	2	Sat.	2	14 ·01	11 ·69	27	2	Thur.	2	1 ·56	17 ·80	—29
3	Mon.	3	13 ·77	5 ·62	25	3	Sun.●	3	—A ·09	12 ·79	28	3	Fri.	3	2 ·55	18 ·82	1
4	Tues.	4	14 ·79	6 ·66	26	4	Mon.	4	1 ·18	13 ·90	—29	4	Sat.	4	3 ·53	19 ·82	2
5	Wed.	5	—A ·82	7 ·71	27	5	Tues.	5	2 ·26	... ...	1	5	Sun.	5	4 ·50	20 ·81	3
6	Thur.	6	1 ·87	8 ·78	28	6	Wed.	6	3 ·32	1· ·00	2	6	Mon.	6	5 ·45	21 ·78	4
7	Fri.	7	2 ·94	9 ·87	—29	7	Thur.	7	4 ·36	15 ·07	3	7	Tues.	7	6 ·38	22 ·73	5
8	Sat.	8	... ...	10 ·98	1	8	Fri.	8	5 ·39	16 ·12	4	8	Wed.	8	7 ·30	23 ·68	6
9	Sun.	9	3 ·01	... ...	2	9	Sat.	9	6 ·39	17 ·16	5	9	Thur.	9	8 ·21	24 ·61	7
10	Mon.	10	4 ·09	11 ·09	3	10	Sun.	10	7 ·37	18 ·17	6	10	Fri.	10	9 ·11	25 ·54	8
11	Tues.	11	5 ·17	12 ·20	4	11	Mon.	11	8 ·33	19 ·17	7	11	Sat.	11	10 ·01	26 ·47	9
12	Wed.	12	6 ·25	13 ·29	5	12	Tues.	12	9 ·27	20 ·15	8				11 ·91		
13	Thur.	13	7 ·31	14 ·37	6	13	Wed.	13	10 ·20	21 ·11	9	12	Sun.	12	12 ·82	27 ·40	10
14	Fri.	14	8 ·35	15 ·44	7	14	Thur.	14	11 ·12	22 ·06	10	13	Mon.	13	13 ·74	1 ·35	11
15	Sat.	15	9 ·37	16 ·50	8	15	Fri.	15	12 ·03	23 ·00	11	14	Tues.	14	14 ·67	2 ·30	12
16	Sun.	16	10 ·36	17 ·52	9				13 ·93	24 ·94		15	Wed.	15	P ·61	3 ·26	13
17	Mon.	17	11 ·34	18 ·53	10	16	Sat.	16	14 ·83	25 ·87	12	16	Thur.	16	1 ·56	4 ·23	14
18	Tues.	18	12 ·30	19 ·51	11	17	Sun.○	17	P ·73	26 ·80	13	17	Fri.	17	2 ·54	5 ·22	15
19	Wed.	19	13 ·24	20 ·48	12	18	Mon.	18	1 ·63	27 ·73	14	18	Sat.	18	3 ·53	6 ·24	16
20	Thur.	20	14 ·16	21 ·44	13	19	Tues.	19	2 ·54	1 ·67	15	19	Sun.	19	4 ·55	7 ·27	17
21	Fri.	21	P ·08	22 ·39	14	20	Wed.	20	3 ·46	2 ·62	16	20	Mon.	20	5 ·58	8 ·32	18
			1 ·98			21	Thur.	21	4 ·40	3 ·60	17	21	Tues.	21	6 ·64	9 ·39	19
22	Sat.	22	2 ·88	23 ·32	15	22	Fri.	22	5 ·35	4 ·58	18	22	Wed.	22	7 ·71	10 ·48	20
23	Sun.	23	3 ·78	24 ·25	16	23	Sat.	23	6 ·33	5 ·58	19	23	Thur.	23	8 ·79	11 ·59	21
24	Mon.	24	4 ·68	25 ·18	17	24	Sun.	24	7 ·32	6 ·60	20	24	Fri.	24	9 ·88	12 ·70	22
25	Tues.	25	5 ·58	26 ·12	18	25	Mon.	25	8 ·33	7 ·54	21	25	Sat.	25	10 ·97	13 ·80	23
26	Wed.	26	6 ·48	27 ·06	19	26	Tues.	26	9 ·36	8 ·71	22	26	Sun.	26	... ...	14 ·90	24
27	Thur.	27	7 ·40	1 ·00	20	27	Wed.	27	10 ·41	9 ·79	23	27	Mon.	27	11 ·05	15 ·99	25
				2 ·96		28	Thur.	28	11 ·48	10 ·88	24	28	Tues.	28	12 ·12	... ...	26
28	Fri.	28	8 ·34	3 ·93	21	29	Fri.	29	12 ·56	11 ·99	25	—29	Wed.	29	13 ·17	16 ·07	27
29	Sat.	29	9 ·30	4 ·93	22	30	Sat.	30	13 ·65	... ...	26	1	Thur.	30	14 ·19	17 ·11	28
30	Sun.	30	10 ·27	5 ·94	23												
—31	Mon.	31	11 ·26	6 ·97	24												
	Aug.						**Oct.**						**Dec.**				
1	Tues.	1	12 ·26	... ...	25	—31	Sun.	1	14 ·74	12 ·09	27	2	Fri.	1	—A ·19	18 ·14	29
2	Wed.	2	13 ·29	7 ·02	26	1	Mon.	2	—A ·82	13 ·21	28	3	Sat.	2	1 ·17	19 ·15	—30
3	Thur.	3	14 ·34	8 ·09	27	2	Tues.	3	1 ·89	14 ·30	29	4	Sun.	3	2 ·13	20 ·14	1
4	Fri.	4	—A ·41	9 ·19	28	3	Wed.	4	2 ·93	15 ·38	—30	5	Mon.	4	3 ·08	21 ·11	2
5	Sat.	5	1 ·50	10 ·28	29	4	Thur.	5	3 ·95	16 ·44	1	6	Tues.	5	4 ·00	22 ·07	3
6	Sun.	6	2 ·59	11 ·39	—30	5	Fri.	6	4 ·96	17 ·47	2				5 ·92		
7	Mon.	7	3 ·67	12 ·50	1	6	Sat.	7	5 ·94	18 ·50	3	7	Wed.	6	6 ·83	23 ·02	4
8	Tues.	8	4 ·74	13 ·60	2	7	Sun.	8	6 ·90	19 ·50	4					24 ·95	
9	Wed.	9	5 ·79	14 ·68	3	8	Mon.	9	7 ·84	20 ·48	5	8	Thur.	7	7 ·74	25 ·88	5
10	Thur.	10	6 ·83	15 ·76	4	9	Tues.	10	8 ·77	21 ·44	6	9	Fri.	8	8 ·64	26 ·81	6
11	Fri.	11	7 ·86	16 ·81	5	10	Wed.	11	9 ·69	22 ·39	7	10	Sat.	9	9 ·54	27 ·75	7
12	Sat.	12	8 ·86	17 ·84	6	11	Thur.	12	10 ·60	23 ·34	8	11	Sun.	10	10 ·45	1 ·69	8
13	Sun.	13	9 ·83	18 ·85	7	12	Fri.	13	11 ·50	24 ·28	9	12	Mon.	11	11 ·36	2 ·63	9
14	Mon.	14	10 ·79	19 ·84	8	13	Sat.	14	12 ·40	25 ·21	10	13	Tues.	12	12 ·29	3 ·59	10
15	Tues.	15	11 ·74	20 ·82	9	14	Sun.	15	13 ·30	26 ·14	11	14	Wed.	13	13 ·23	4 ·56	11
16	Wed.	16	12 ·67	21 ·78	10	15	Mon.	16	14 ·21	27 ·07	12	15	Thur.	14	14 ·20	5 ·55	12
17	Thur.	17	13 ·58	22 ·72	11					1 ·01		16	Fri.	15	P ·18	6 ·56	13
18	Fri.	18	14 ·48	23 ·66	12	16	Tues.	17	P ·12	2 ·96	13	17	Sat.	16	1 ·18	7 ·58	14
19	Sat.	19	P ·38	24 ·59	13				1 ·05			18	Sun.	17	2 ·19	8 ·63	15
20	Sun.	20	1 ·28	25 ·53	14	17	Wed.	18	2 ·99	3 ·93	14	19	Mon.	18	3 ·23	9 ·70	16
21	Mon.	21	2 ·18	26 ·46	15	18	Thur.	19	3 ·94	4 ·90	15	20	Tues.	19	4 ·29	10 ·79	17
22	Tues.	22	3 ·08	27 ·39	16	19	Fri.	20	4 ·92	5 ·90	16	21	Wed.	20	5 ·36	11 ·89	18
			4 ·99			20	Sat.	21	5 ·91	6 ·91	17	22	Thur.	21	6 ·45	... ...	19
23	Wed.	23	5 ·92	1 ·34	17	21	Sun.	22	6 ·92	7 ·96	18	23	Fri.	22	7 ·54	12 ·00	20
24	Thur.	24	6 ·86	2 ·29	18	22	Mon.	23	7 ·95	... ...	19	24	Sat.	23	8 ·63	13 ·10	21
25	Fri.	25	7 ·81	3 ·27	19	23	Tues.	24	... ...	8 ·02	20	25	Sun.	24	9 ·71	14 ·20	22
26	Sat	26	8 ·78	4 ·25	20	24	Wed.	25	8 ·00	9 ·09	21	26	Mon.	25	10 ·77	15 ·29	23
27	Sun.	27	9 ·77	5 ·26	21	25	Thur.	26	9 ·08	10 ·18	22	27	Tues.	26	11 ·81	16 ·37	24
28	Mon.	28	10 ·78	6 ·28	22	26	Fri.	27	10 ·17	11 ·28	23	28	Wed.	27	12 ·82	17 ·43	25
29	Tues.	29	11 ·81	7 ·33	23	27	Sat.	28	11 ·26	12 ·40	24	29	Thur.	28	13 ·84	18 ·46	26
30	Wed.	30	12 ·86	8 ·39	24	28	Sun.	29	12 ·34	13 ·50	25	—30	Fri.	29	14 ·82	19 ·47	27
—31	Thur.	31	13 ·93	9 ·49	25	29	Mon.	30	13 ·42	14 ·60	26	1	Sat.	30	—A ·78	20 ·46	28
						—30	Tues.	31	14 ·48	15 ·68	27	2	Sun.	31	1 ·72	21 ·45	—29

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1644. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·38.** **Śaka 1566.** **Kaliyuga 4745.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·29.** **(S. Cycle) Tāraṇa.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.			
3	Mon.	1	2 ·65	22 ·41	1
4	Tues.	2	3 ·57	23 ·35	2
5	Wed.	3	4 ·48	24 ·29	3
6	Thur.	4	5 ·38	25 ·22	4
7	Fri.	5	6 ·28	26 ·16	5
8	Sat.	6	7 ·18	27 ·09	6
9	Sun.	7	8 ·09	1 ·02 / 2 ·97	7
10	Mon.	8	9 ·01 / 10 ·94	3 ·92	8
11	Tues.	9	11 ·88	4 ·89	9
12	Wed.	10	12 ·84	5 ·88	10
13	Thur.	11	13 ·82	6 ·88	11
14	Fri	12	14 ·82	7 ·90	12
15	Sat.	13	P ·84	8 ·94	13
16	Sun.	14	1 ·88	... ...	14
17	Mon.	15	2 ·94	9 ·01	15
18	Tues.	16	... ...	10 ·09	16
19	Wed.	17	3 ·01	11 ·19	17
20	Thur.	18	4 ·10	12 ·29	18
21	Fri.	19	5 ·19	13 ·40	19
22	Sat.	20	6 ·28	14 ·50	20
23	Sun.	21	7 ·36	15 ·60	21
24	Mon.	22	8 ·42	16 ·68	22
25	Tues.	23	9 ·48	17 ·74	23
26	Wed.	24	10 ·48	18 ·78	24
27	Thur.	25	11 ·48	19 ·79	25
28	Fri.	26	12 ·46	20 ·80	26
29	Sat.	27	13 ·41	21 ·78	27
1	Sun.	28	14 ·35	22 ·74	28
2	Mon.	29	A ·28	23 ·69	29
3	Tues.	30	1 ·20	24 ·63	30
4	Wed.	31	2 ·11	25 ·57	1
		Feb.			
5	Thur.	1	3 ·01 / 4 ·91	26 ·50	2
6	Fri.	2	5 ·81	27 ·43	3
7	Sat.	3	6 ·72	1 ·36	4
8	Sun.	4	7 ·64	2 ·30	5
9	Mon.	5	8 ·57	3 ·26	6
10	Tues.	6	9 ·51	4 ·22	7
11	Wed.	7	10 ·48	5 ·20	8
12	Thur.	8	11 ·46	6 ·20	9
13	Fri.	9	12 ·45	7 ·21	10
14	Sat.	10	13 ·47	8 ·25	11
15	Sun.	11	14 ·51	9 ·32	12
16	Mon.	12	P ·57	10 ·40	13
17	Tues.	13	1 ·65	11 ·49	14
18	Wed.	14	2 ·73	12 ·59	15
19	Thur.	15	3 ·82	13 ·70	16
20	Fri.	16	4 ·90	14 ·81	17
21	Sat.	17	5 ·97	15 ·91	18
22	Sun.	18	... ...	16 ·99	19
23	Mon.	19	6 ·03	.. ..	20
24	Tues.	20	7 ·08	17 ·05	21
25	Wed.	21	8 ·10	18 ·09	22
26	Thur.	22	9 ·09	19 ·12	23
27	Fri.	23	10 ·07	20 ·12	24
28	Sat.	24	11 ·02 / 12 ·96	21 ·11	25
29	Sun.	25	13 ·89	22 ·07	26
30	Mon.	26	14 ·81	23 ·02 / 24 ·97	27
1	Tues.	27	A ·72	25 ·91	28
2	Wed.	28	1 ·62	26 ·84	29
3	Thur.	29	2 ·52	27 ·77	1

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		March.			
4	Fri.	1	3 ·42	1 ·70	2
5	Sat.	2	4 ·32	2 ·65	3
6	Sun.	3	5 ·24	3 ·59	4
7	Mon.	4	6 ·16	4 ·55	5
8	Tues.	5	7 ·10	5 ·53	6
9	Wed.	6	8 ·07	6 ·52	7
10	Thur.	7	9 ·05	7 ·53	8
11	Fri.	8	10 ·04	8 ·57	9
12	Sat.	9	11 ·07	9 ·63	10
13	Sun.	10	12 ·12	10 ·70	11
14	Mon.	11	13 ·18	11 ·79	12
15	Tues.	12	14 ·25	12 ·89	13
16	Wed.	13	P ·33	... ...	14
17	Thur.	14	1 ·42	13 ·01	15
18	Fri.	15	2 ·50	14 ·11	16
19	Sat.	16	3 ·57	15 ·21	17
20	Sun.	17	4 ·63	16 ·29	18
21	Mon.	18	5 ·66	17 ·36	19
22	Tues.	19	6 ·68	18 ·42	20
23	Wed.	20	7 ·67	19 ·44	21
24	Thur.	21	8 ·65	20 ·45	22
25	Fri.	22	9 ·60	21 ·43	23
26	Sat.	23	10 ·54	22 ·40	24
27	Sun.	24	11 ·47	23 ·37	25
28	Mon.	25	12 ·39	24 ·31	26
29	Tues.	26	13 ·29	25 ·25	27
30	Wed.	27	14 ·19	26 ·18	28
1	Thur.	28	A ·09 / 1 ·99	27 ·11	29
2	Fri.	29	2 ·90	1 ·04 / 2 ·98	30
3	Sat.	30	3 ·81	3 ·93	1
4	Sun.	31	4 ·73	4 ·88	2
		April.			
5	Mon.	1	5 ·66	5 ·85	3
6	Tues	2	6 ·63	6 ·84	4
7	Wed.	3	7 ·61	7 ·86	5
8	Thur.	4	8 ·61	8 ·89	6
9	Fri.	5	9 ·64	9 ·94	7
10	Sat.	6	10 ·68	... ...	8
11	Sun.	7	11 ·78	10 ·00	9
12	Mon.	8	12 ·80	11 ·09	10
13	Tues.	9	13 ·88	12 ·20	11
14	Wed.	10	14 ·97	13 ·30	12
15	Thur.	11	... ...	14 ·41	13
16	Fri.	12	P ·05	15 ·51	14
17	Sat.	13	1 ·12	16 ·60	15
18	Sun.	14	2 ·17	17 ·68	16
19	Mon.	15	3 ·20	18 ·73	17
20	Tues.	16	4 ·22	19 ·76	18
21	Wed.	17	5 ·22	20 ·77	19
22	Thur.	18	6 ·20	21 ·76	20
23	Fri.	19	7 ·15	22 ·73	21
24	Sat.	20	8 ·09	23 ·70	22
25	Sun.	21	9 ·01 / 10 ·92	24 ·65	23
26	Mon.	22	11 ·82	25 ·58	24
27	Tues.	23	12 ·72	26 ·52	25
28	Wed.	24	13 ·62	27 ·44	26
29	Thur.	25	14 ·52	1 ·38	27
30	Fri.	26	A ·42	2 ·32	28
31	Sat.	27	1 ·33	3 ·26	29
1	Sun.	28	2 ·26	4 ·21	1
2	Mon.	29	3 ·20	5 ·18	2
3	Tues.	30	4 ·16	6 ·18	3

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		May.			
4	Wed.	1	5 ·13	7 ·18	4
5	Thur.	2	6 ·13	8 ·20	5
6	Fri.	3	7 ·15	9 ·24	6
7	Sat.	4	8 ·19	10 ·31	7
8	Sun.	5	9 ·25	11 ·40	8
9	Mon.	6	10 ·32	12 ·50	9
10	Tues.	7	11 ·40	13 ·60	10
11	Wed.	8	12 ·48	14 ·71	11
12	Thur.	9	13 ·57	15 ·81	12
13	Fri.	10	14 ·63	16 ·91	13
14	Sat.	11	P ·68	17 ·99	14
15	Sun.	12	1 ·71	... ...	15
16	Mon.	13	2 ·73	18 ·04	16
17	Tues.	14	3 ·73	19 ·08	17
18	Wed.	15	4 ·71	20 ·09	18
19	Thur.	16	5 ·66	21 ·09	19
20	Fri.	17	6 ·59	22 ·07	20
21	Sat.	18	7 ·51	23 ·03 / 24 ·98	21
22	Sun.	19	8 ·42	25 ·92	22
23	Mon.	20	9 ·32	26 ·85	23
24	Tues.	21	10 ·22	27 ·79	24
25	Wed.	22	11 ·12	1 ·72	25
26	Thur.	23	12 ·02 / 13 ·92	2 ·66	26
27	Fri.	24	14 ·84	3 ·60	27
28	Sat.	25	A ·77	4 ·55	28
29	Sun.	26	1 ·70	5 ·52	29
30	Mon.	27	2 ·66	6 ·50	30
31	Tues.	28	3 ·63	7 ·50	1
32	Wed.	29	4 ·63	8 ·52	2
1	Thur	30	5 ·64	9 ·55	3
2	Fri.	31	6 ·68	10 ·62	4
		June.			
3	Sat.	1	7 ·73	11 ·70	5
4	Sun.	2	8 ·79	12 ·80	6
5	Mon.	3	9 ·87	13 ·90	7
6	Tues.	4	10 ·96	... ...	8
7	Wed.	5	.. ...	14 ·01	9
8	Thur.	6	11 ·04	15 ·11	10
9	Fri.	7	12 ·11	16 ·21	11
10	Sat.	8	13 ·17	17 ·29	12
11	Sun.	9	14 ·21	18 ·35	13
12	Mon.	10	P ·22	19 ·39	14
13	Tues.	11	1 ·21	20 ·42	15
14	Wed.	12	2 ·19	21 ·42	16
15	Thur.	13	3 ·14	22 ·40	17
16	Fri.	14	4 ·08	23 ·37	18
17	Sat.	15	5 ·00 / 6 ·91	24 ·32	19
18	Sun.	16	7 ·81	25 ·26	20
19	Mon.	17	8 ·71	26 ·20	21
20	Tues.	18	9 ·61	27 ·13	22
21	Wed.	19	10 ·51	1 ·06 / 2 ·99	23
22	Thur.	20	11 ·41	3 ·93	24
23	Fri.	21	12 ·32	4 ·89	25
24	Sat.	22	13 ·24	5 ·85	26
25	Sun.	23	14 ·18	6 ·83	27
26	Mon	24	A ·13	7 ·82	28
27	Tues.	25	1 ·10	8 ·83	29
28	Wed.	26	2 ·10	9 ·88	1
29	Thur.	27	3 ·11	10 ·93	2
30	Fri.	28	4 ·15	... ...	3
31	Sat.	29	5 ·20	11 ·01	4
1	Sun.	30	6 ·27	12 ·10	5

Sobhana. **Makara—Tai.** *Bahula.* *Sukla.* **Kumbha—Māgh.** *Phālguna.* *Bahula.* *Sukla.* **Mīna—Pāṅguni.** *Chaitra.* *Bahula.* *Sukla.* **Mēsha—Chittirai.** *Vaiśākha.* *Bahula.* *Sukla.* **Vṛishabha—Vaigāsi.** *Jyeshtha.* *Bahula.* *Sukla.* **Mithuna—Āni.** *Āshādha.* *Bahula.* *Sukla.*

Tārana. *H.* 1053 *Zi-l-ka'da.* *H.* 1054 *Muharram.* *Safar.* *Rabi-ul awwal.* *Rabi-ul ākhir.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1644. **Kollam 820,** { **N. Malabar—Sep.** **Hijra 1054.** **Vikrama 1701.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 29.** **Bengal San. 1050.**
P—Paurnimā. **(N. Cycle) Vijaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			Śukla.						**Bhādrapada.**						*Bahula.*		
			Āshādha						*Śukla.*						**Kārttika**		
Tārana.						*Tārana.*						*Tārana.*					
Karkaṭaka—Ādi.						**Kanyā—Puraṭṭāśi.**						**Vṛśchika—Kārttigai.**					
2	Mon.	1	7 ·35	13 ·20	6	1	Sun.	1	10 ·69	20 ·38	9	2	Fri.	1	12 ·49	27 ·83	11
3	Tues.	2	8 ·43	14 ·31	7	2	Mon.	2	11 ·67	21 ·39	10	3	Sat.	2	13 ·39	1 ·76	12
4	Wed.	3	9 ·52	15 ·42	8	3	Tues.	3	12 ·63	22 ·38	11	4	Sun.	3	14 ·29	2 ·69	13
5	Thur.	4	10 ·59	16 ·52	9	4	Wed.	4	13 ·58	23 ·37	12	5	Mon.	4	P ·19	3 ·62	14
6	Fri.	5	11 ·64	17 ·60	10	5	Thur.	5	14 ·51	24 ·33	13	6	Tues.	5	1 ·10	4 ·56	15
7	Sat.	6	12 ·68	18 ·66	11	6	Fri.	6	P ·43	25 ·28	14	7	Wed.	6	2 ·02	5 ·52	16
8	Sun.	7	13 ·70	19 ·72	12	7	Sat.	7	1 ·33	26 ·22	15				3 ·95		
9	Mon.	8	14 ·69	20 ·74	13	8	Sun.	8	2 ·23	27 ·15	16	8	Thur.	7	4 ·89	6 ·48	17
10	Tues.	9	P ·67	21 ·75	14	9	Mon.	9	3 ·13	1 ·09	17	9	Fri.	8	5 ·84	7 ·45	18
11	Wed.	10	1 ·62	22 ·73	15	10	Tues.	10	4 ·03	2 ·02	18	10	Sat.	9	6 ·82	8 ·44	19
12	Thur.	11	2 ·56	23 ·70	16				5 ·93	3 ·95		11	Sun.	10	7 ·82	9 ·45	20
13	Fri.	12	3 ·49	24 ·65	17	11	Wed.	11	6 ·84	4 ·89	19	12	Mon.	11	8 ·83	10 ·49	21
14	Sat.	13	4 ·40	25 ·60	18	12	Thur.	12	7 ·76	5 ·84	20	13	Tues.	12	9 ·87	11 ·54	22
15	Sun.	14	5 ·30	26 ·54	19	13	Fri.	13	8 ·70	6 ·82	21	14	Wed.	13	10 ·93	12 ·61	23
16	Mon.	15	6 ·20	27 ·47	20	14	Sat.	14	9 ·65	7 ·80	22	15	Thur.	14	... ...	13 ·70	24
17	Tues.	16	7 ·10	1 ·40	21	15	Sun.	15	10 ·63	8 ·80	23	16	Fri.	15	11 ·01	14 ·80	25
			8 ·00			16	Mon.	16	11 ·62	9 ·82	24	17	Sat.	16	12 ·09	15 ·92	26
18	Wed.	17	9 ·90	2 ·33	22	17	Tues.	17	12 ·63	10 ·86	25	18	Sun.	17	13 ·18	... ...	27
19	Thur.	18	10 ·81	3 ·27	23	18	Wed.	18	13 ·67	11 ·92	26	19	Mon.	18	14 ·27	16 ·02	28
20	Fri.	19	11 ·72	4 ·22	24	19	Thur.	19	14 ·73	... ...	27	20	Tues.	19	A ·34	17 ·12	29
21	Sat.	20	12 ·66	5 ·18	25	20	Fri.	20	A ·80	12 ·01	28	21	Wed.	20	1 ·40	18 ·21	30
22	Sun.	21	13 ·61	6 ·15	26	21	Sat.	21	1 ·89	13 ·10	29	22	Thur.	21	2 ·45	19 ·28	1
23	Mon.	22	14 ·59	7 ·14	27	22	Sun.	22	2 ·97	14 ·21	30	23	Fri.	22	3 ·48	20 ·33	2
24	Tues.	23	A ·58	8 ·16	28	23	Mon.	23	... ..	15 ·31	1	24	Sat.	23	4 ·47	21 ·36	3
25	Wed.	24	1 ·60	9 ·19	29	24	Tues.	24	3 ·05	16 ·42	2	25	Sun.	24	5 ·45	22 ·37	4
26	Thur.	25	2 ·63	10 ·24	30	25	Wed.	25	4 ·12	17 ·52	3	26	Mon.	25	6 ·41	23 ·36	5
27	Fri.	26	3 ·68	11 ·31	1	26	Thur.	26	5 ·18	18 ·60	4	27	Tues.	26	7 ·35	24 ·33	6
28	Sat.	27	4 ·75	12 ·40	2	27	Fri.	27	6 ·23	19 ·66	5	28	Wed.	27	8 ·28	25 ·29	7
29	Sun.	28	5 ·83	13 ·50	3	28	Sat.	28	7 ·25	20 ·69	6	29	Thur.	28	9 ·20	26 ·24	8
30	Mon.	29	6 ·92	14 ·61	4	29	Sun.	29	8 ·25	21 ·71	7	30	Fri.	29	10 ·11	27 ·17	9
31	Tues.	30	... ...	15 ·72	5	30	Mon.	30	9 ·23	22 ·72	8				11 ·02		
32	Wed.	31	7 ·00	16 ·82	6							1	Sat.	30	12 ·92	1 ·10	10
	Aug.						**Oct.**						**Dec.**				
			Śukla.						*Śukla.*						*Bahula.*		
			Śrāvaṇa.						**Āśvina.**						**Mārgaśīrsha.**		
Tārana.						*Tārana.*						*Tārana.*					
Simha—Āvaṇi.						**Tulā—Aippaśi.**						**Dhanus—Mārgali.**					
1	Thur.	1	8 ·07	17 ·90	7	1	Tues.	1	10 ·19	23 ·70	9	2	Sun.	1	13 ·82	2 ·03	11
2	Fri.	2	9 ·12	18 ·97	8	2	Wed.	2	11 ·14	24 ·66	10					3 ·96	
3	Sat.	3	10 ·16	... ...	9	3	Thur.	3	12 ·07	25 ·61	11	3	Mon.	2	14 ·72	4 ·91	12
4	Sun.	4	11 ·19	19 ·03	10				13 ·98			4	Tues.	3	P ·64	5 ·85	13
5	Mon.	5	12 ·18	20 ·06	11	4	Fri.	4	14 ·89	26 ·55	12	5	Wed.	4	1 ·57	6 ·81	14
6	Tues.	6	13 ·16	21 ·07	12	5	Sat.	5	P ·79	27 ·50	13	6	Thur.	5	2 ·52	7 ·78	15
7	Wed.	7	14 ·12	22 ·06	13	6	Sun.	6	1 ·69	1 ·42	14	7	Fri.	6	3 ·48	8 ·76	16
			P ·06			7	Mon.	7	2 ·59	2 ·35	15	8	Sat.	7	4 ·46	9 ·78	17
8	Thur.	8	1 ·98	23 ·03	14	8	Tues.	8	3 ·49	3 ·29	16	9	Sun.	8	5 ·46	10 ·80	18
				24 ·00		9	Wed.	9	4 ·40	4 ·23	17	10	Mon.	9	6 ·47	11 ·85	19
9	Fri.	9	2 ·89	25 ·94	15	10	Thur.	10	5 ·33	5 ·18	18	11	Tues.	10	7 ·52	12 ·92	20
10	Sat.	10	3 ·80	26 ·88	16	11	Fri.	11	6 ·27	6 ·15	19	12	Wed.	11	8 ·58	... ...	21
11	Sun.	11	4 ·70	27 ·81	17	12	Sat.	12	7 ·23	7 ·12	20	13	Thur.	12	9 ·66	13 ·00	22
12	Mon.	12	5 ·60	1 ·74	18	13	Sun.	13	8 ·21	8 ·12	21	14	Fri.	13	10 ·74	14 ·11	23
13	Tues.	13	6 ·50	2 ·68	19	14	Mon.	14	9 ·21	9 ·13	22	15	Sat.	14	11 ·83	15 ·22	24
14	Wed.	14	7 ·41	3 ·61	20	15	Tues.	15	10 ·22	10 ·17	23	16	Sun.	15	12 ·92	16 ·32	25
15	Thur.	15	8 ·32	4 ·56	21	16	Wed.	16	11 ·26	11 ·24	24	17	Mon.	16	13 ·99	17 ·42	26
16	Fri.	16	9 ·24	5 ·51	22	17	Thur.	17	12 ·31	12 ·31	25	18	Tues.	17	.. ..	18 ·51	27
17	Sat.	17	10 ·17	6 ·48	23	18	Fri.	18	13 ·38	13 ·40	26	19	Wed.	18	14 ·05	19 ·59	28
18	Sun.	18	11 ·12	7 ·47	24	19	Sat.	19	14 ·46	14 ·50	27	20	Thur.	19	A ·10	20 ·65	29
19	Mon.	19	12 ·09	8 ·48	25	20	Sun.	20	A ·55	15 ·61	28	21	Fri.	20	1 ·12	21 ·68	1
20	Tues.	20	13 ·08	9 ·50	26	21	Mon.	21	1 ·64	16 ·72	29	22	Sat.	21	2 ·11	22 ·69	2
21	Wed.	21	14 ·09	10 ·55	27	22	Tues.	22	2 ·72	17 ·82	1	23	Sun.	22	3 ·09	23 ·68	3
22	Thur.	22	A ·13	11 ·61	28	23	Wed.	23	3 ·78	18 ·90	2	24	Mon.	23	4 ·06	24 ·66	4
23	Fri.	23	1 ·18	12 ·70	29	24	Thur.	24	4 ·82	19 ·97	3				5 ·00		
24	Sat.	24	2 ·25	13 ·80	1	25	Fri.	25	5 ·84	.. ...	4	25	Tues.	24	6 ·93	25 ·63	5
25	Sun.	25	3 ·33	14 ·91	2	26	Sat.	26	6 ·85	20 ·01	5	26	Wed.	25	7 ·84	26 ·57	6
26	Mon.	26	4 ·42	... .	3	27	Sun.	27	7 ·83	21 ·04	6	27	Thur.	26	8 ·75	27 ·51	7
27	Tues.	27	5 ·50	15 ·02	4	28	Mon.	28	8 ·79	22 ·04	7	28	Fri.	27	9 ·66	1 ·44	8
28	Wed.	28	6 ·57	16 ·12	5	29	Tues.	29	9 ·73	23 ·03	8	29	Sat.	28	10 ·56	2 ·37	9
29	Thur.	29	7 ·63	17 ·21	6					24 ·99		1	Sun.	29	11 ·46	3 ·31	10
30	Fri.	30	8 ·68	18 ·29	7	30	Wed.	30	10 ·66	25 ·95	9	2	Mon.	30	12 ·37	4 ·24	11
31	Sat.	31	9 ·70	19 ·34	8	1	Thur.	31	11 ·58	26 90	10	3	Tues.	31	13 ·28	5 ·19	12

H. 1054 *Jamādā'l awwal.* — *H.* 1054 *Jamādā'l ākhir.* — *H.* 1054 *Rajab.* — *H.* 1054 *Shā'bān.* — *H.* 1054 *Ramazān.* — *H.* 1054 *Shawwāl.* — *H.* 1054 *Zī-l-ka'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1645. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·64.** **Śaka 1567.** **Kaliyuga 4746.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·55.** **(S. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
			Bahula. **Pausha.**						*Bahula.* **Phālguna.**						*Śukla.* **Jyeshtha.**		
Tīrṇa. **Makara—Tai.**						*Tīrṇa.* **Mīna—Pānguni.**						*Pārthiva.* **Vrishabha—Vaigāśi.**					
4	Wed.	1	14 ·21	6 ·14	13	4	Sat.	1	14 ·84	11 ·78	13	4	Thur.	1	1 ·81	17 ·93	15
5	Thur.	2	P ·16	7 ·10	14	5	Sun.	2	P ·38	12 ·85	14	5	Fri.	2	2 ·88	... ...	16
6	Fri.	3	1 ·13	8 ·10	15	6	Mon.	3	1 ·42	13 ·92	15	6	Sat.	3	3 ·95	18 ·03	17
7	Sat.	4	2 ·11	9 ·10	16	7	Tues.	4	2 ·48	... ...	16	7	Sun.	4	.. ..	19 ·12	18
8	Sun.	5	3 ·10	10 ·12	17	8	Wed.	5	3 ·55	14 ·01	17	8	Mon.	5	4 ·01	20 ·21	19
9	Mon.	6	4 ·12	11 ·16	18	9	Thur.	6	4 ·64	15 ·11	18	9	Tues.	6	5 ·04	21 ·26	20
10	Tues.	7	5 ·16	12 ·22	19	10	Fri.	7	5 ·73	16 ·22	19	10	Wed.	7	6 ·05	22 ·30	21
11	Wed.	8	6 ·22	13 ·31	20	11	Sat.	8	6 ·81	17 ·33	20	11	Thur.	8	7 ·04	23 ·31	22
12	Thur.	9	7 ·30	14 ·41	21	12	Sun.	9	7 ·88	18 ·43	21	12	Fri.	9	8 ·02 9 ·97	24 ·31	23
13	Fri.	10	8 ·40	15 ·51	22	13	Mon.	10	8 ·93	19 ·51	22	13	Sat.	10	10 ·90	25 ·28	24
14	Sat.	11	9 ·49	16 ·62	23	14	Tues.	11	9 ·97	20 ·58	23	14	Sun.	11	11 ·82	26 ·25	25
15	Sun.	12	10 ·57	17 ·72	24	15	Wed.	12	10 ·98	21 ·63	24	15	Mon.	12	12 ·73	27 ·20	26
16	Mon.	13	11 65	18 ·82	25	16	Thur.	13	11 ·98	22 ·66	25	16	Tues.	13	13 ·63	1 ·14	27
17	Tues.	14	12 ·70	19 ·90	26	17	Fri.	14	12 ·95	23 ·67	26	17	Wed.	14	14 ·53	2 ·07	28
18	Wed.	15	13 ·74	20 ·96	27	18	Sat.	15	13 ·91	24 ·65	27						
19	Thur.	16	14 ·76	.. ...	28	19	Sun.	16	14 ·85	25 ·62	28	18	Thur.	15	—A ·43	3 ·00 4 ·94	29
20	Fri.	17	—A ·75	21 ·00	29	20	Mon.	17	—A ·77	26 ·58	29	19	Fri.	16	1 ·33	5 ·87	—30
21	Sat.	18	1 ·73	22 ·01	—30	21	Tues.	18	1 ·68	27 ·53	—30	20	Sat.	17	2 ·24	6 ·82	1
22	Sun.	19	2 ·70	23 ·01	1	22	Wed.	19	2 ·58	1 ·47	1	21	Sun.	18	3 ·15	7 ·77	2
23	Mon.	20	3 ·64	24 ·00 25 ·96	2	23	Thur.	20	3 ·48	2 ·40	2	22	Mon.	19	4 ·08	8 ·73	3
24	Tues.	21	4 ·56	26 ·91	3	24	Fri.	21	4 ·38	3 ·33	3						
25	Wed.	22	5 ·48	27 ·85	4	25	Sat.	22	5 ·28	4 ·26	4	23	Tues.	20	5 ·02 6 ·98	9 ·32	4
26	Thur.	23	6 ·38	1 ·78	5	26	Sun.	23	6 ·19	5 ·19	5						
27	Fri.	24	7 ·28	2 ·72	6	27	Mon.	24	7 ·11	6 ·14	6	24	Wed.	21	7 ·96	10 ·72	5
28	Sat.	25	8 ·18	3 ·65	7	28	Tues.	25	8 ·03 9 ·97	7 ·10	7	25	Thur.	22	8 ·95	11 ·74	6
—29	Sun.	26	9 ·09	4 ·58	8	29	Wed.	26	10 ·94	8 ·07	8	26	Fri.	23	9 ·97	12 ·78	7
			Śukla.			30	Thur.	27	11 ·92	9 ·06	9	27	Sat.	24	.. ...	13 ·83	8
1	Mon.	27	10 ·00 11 ·91	5 ·52	9	—31	Fri.	28	12 ·92	10 ·07	10	28	Sun.	25	10 ·01	14 ·92	9
2	Tues.	28	12 ·84	6 ·47	10	1	Sat.	29	13 ·95	11 ·11	11	29	Mon.	26	11 ·07	... ...	10
3	Wed.	29	13 ·79	7 ·44	11	2	Sun.	30	14 ·99	12 ·16	12	30	Tues.	27	12 ·64	15 ·02	11
4	Thur.	30	14 ·76	8 ·42	12	3	Mon.	31	... ...	13 ·22	13	31	Wed.	28	13 ·22	16 ·12	12
5	Fri.	○31	P ·74	9 ·42	13							—32	Thur.	29	14 ·31	17 ·23	13
												1	Fri.	30	P ·39	18 ·33	14
		Feb.						**April.**				2	Sat.	31	1 ·45	19 ·43	15
			Śukla. **Māgha.**						*Śukla.* **Chaitra.**					**June.**			
Tīrṇa. **Kumbha—Māśi.**						*Pārthiva.* **Mēsha—Chittirai.**						*Pārthiva.* **Mithuna—Āni.**					
6	Sat.	1	1 ·73	10 ·43	14	4	Tues.	1	P ·05	14 ·31	14	3	Sun.	1	2 ·50	20 ·51	16
7	Sun.	2	2 ·77	11 ·47	15	5	Wed.	2	1 ·12	15 ·41	15	4	Mon.	2	3 ·53	21 ·58	17
8	Mon	3	3 ·81	12 ·54	16	6	Thur.	3	2 ·20	16 ·52	16	5	Tues.	3	4 ·54	22 ·61	18
9	Tues.	4	4 ·87	13 ·62	17	7	Fri.	4	3 ·29	17 ·63	17	6	Wed.	4	5 ·53	23 ·63	19
10	Wed.	5	5 ·94	14 ·71	18	8	Sat.	5	4 ·37	18 ·73	18	7	Thur.	5	6 ·51	24 ·63	20
11	Thur.	6	... ...	15 ·81	19	9	Sun.	6	5 ·44	19 ·82	19	8	Fri.	6	7 ·46	25 ·62	21
12	Fri.	7	6 ·03	16 ·92	20	10	Mon.	7	6 ·49	20 ·89	20	9	Sat.	7	8 ·40	26 ·56	22
13	Sat.	8	7 ·12	... ...	21	11	Tues.	8	7 ·53	21 ·95	21	10	Sun.	8	9 ·32	27 ·54	23
14	Sun.	9	8 ·20	17 ·02	22	12	Wed.	9	8 ·54	22 ·98	22	11	Mon.	9	10 ·23	1 ·48	24
15	Mon.	10	9 ·27	18 ·13	23	13	Thur.	10	9 ·53	23 ·99	23	12	Tues.	10	11 ·13	2 ·41	25
16	Tues.	11	10 ·33	19 ·21	24	14	Fri.	11	10 ·50	24 ·98	24	13	Wed.	11	12 ·03 13 ·93	3 ·35	26
17	Wed.	12	11 ·37	20 ·27	25	15	Sat.	12	11 ·46	25 ·95	25						
18	Thur.	13	12 ·39	21 ·31	26	16	Sun.	13	12 ·39	26 ·92	26	14	Thur.	12	14 ·83	4 ·28	27
19	Fri.	14	13 ·39	22 ·33	27	17	Mon.	14	13 ·31	27 ·87	27	15	Fri.	13	—A ·73	5 ·21	28
20	Sat.	15	14 ·36	23 ·34	28	18	Tues.	15	14 ·22	1 ·80	28	16	Sat.	14	1 ·64	6 ·15	—29
21	Sun.	16	—A 31	24 ·32	—29	19	Wed.	16	—A ·13	2 ·73	—29	17	Sun.	15	2 ·56	7 ·10	1
22	Mon.	17	1 ·25	25 ·29	1				1 ·03			18	Mon.	16	3 ·50	8 ·07	2
23	Tues.	18	2 ·17	26 ·24	2	20	Thur.	17	2 ·93	3 ·66	1	19	Tues.	17	4 ·45	9 ·04	3
24	Wed.	19	3 ·09	27 ·18	3	21	Fri.	18	3 ·83	4 ·59	2	20	Wed.	18	5 ·43	10 ·04	4
25	Thur.	20	4 ·00 5 ·91	1 ·13	4	22	Sat.	19	4 ·73	5 ·54	3	21	Thur.	19	6 ·42	11 ·05	5
						23	Sun.	20	5 ·64	6 ·48	4	22	Fri.	20	7 ·44	12 ·09	6
26	Fri.	21	6 ·81	2 ·06 3 ·99	5	24	Mon.	21	6 ·57	7 ·43	5	23	Sat.	21	8 ·48	13 ·15	7
27	Sat.	22	7 ·71	4 ·92	6	25	Tues.	22	7 ·51	8 ·40	6	24	Sun.	22	9 ·54	14 ·23	8
28	Sun.	23	8 ·61	5 ·86	7	26	Wed.	23	8 ·47	9 ·59	7	25	Mon.	23	10 ·61	15 ·32	9
29	Mon.	24	9 ·52	6 ·81	8	27	Thur.	24	9 ·45	10 ·40	8	26	Tues.	24	11 ·69	16 ·42	10
—30	Tues.	25	10 ·45	7 ·77	9	28	Fri.	25	10 ·45	11 ·42	9	27	Wed.	25	12 ·77	17 ·52	11
1	Wed.	26	11 ·40	8 ·75	10	29	Sat.	26	11 47	12 ·46	10	28	Thur.	26	13 ·85	18 ·63	12
2	Thur.	27	12 ·37	9 ·74	11	—30	Sun.	27	12 ·51	13 ·53	11	29	Fri.	27	14 ·92	19 ·74	13
3	Fri.	28	13 ·35	10 ·75	12	1	Mon.	28	13 ·57	14 ·61	12	30	Sat.	28	P ·97	20 ·82	14
						2	Tues.	29	14 ·64	15 ·71	13	—31	Sun.	29	... ...	21 ·88	15
						3	Wed.	30	P ·73	16 ·82	14	1	Mon.	30	1 ·01	22 ·03	16

H. 1054 *Zi-l-ka'da.* | *H.* 1054 *Zi-l-hijja.* | *H.* 1055 *Muharram.* | *H.* 1055 *Safar.* | *H.* 1055 *Rabi-ul awwal.* | *H.* 1055 *Rabi-ul ākhir.* | *H.* 1055 *Jamāda'l awwal.* | *H.* 1055 *Jamāda'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1645. **Kollam 821,** { **N. Malabar—Sep.** **Hijra 1055.** **Vikrama 1702.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 17.** **Bengal San. 1051.**
P—Paurnimā. **(N. Cycle) Jaya.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Pārthiva. **Karkaṭaka—Ādi.**	**July.**			
2	Tues. 1	2 ·02	23 ·95	17
3	Wed. 2	3 ·02 / 4 ·98	24 ·97	18
4	Thur. 3	5 ·94	25 ·95	19
5	Fri. 4	6 ·88	26 ·92	20
6	Sat. 5	7 ·80	27 ·87	21
7	Sun. 6	8 ·71	1 ·81	22
8	Mon. 7	9 ·61	2 ·76	23
9	Tues. 8	10 ·51	3 ·69	24
10	Wed. 9	11 ·41	4 ·62	25
11	Thur. 10	12 ·31	5 ·55	26
12	Fri. 11	13 ·21	6 ·49	27
13	Sat. 12	14 ·12	7 ·44	28
14	Sun. 13	A ·04 / 1 ·98	8 ·40	29
15	Mon. 14	2 ·93	9 ·37	—30
16	Tues. 15	3 ·91	10 ·36	1
17	Wed. 16	4 ·91	11 ·37	2
18	Thur. 17	5 ·93	12 ·41	3
19	Fri. 18	6 ·96	13 ·46	4
20	Sat. 19	... ...	14 ·53	5
21	Sun. 20	7 ·01	15 ·62	6
22	Mon. 21	8 ·08	16 ·72	7
23	Tues. 22	9 ·16	17 ·82	8
24	Wed. 23	10 ·25	18 ·94	9
25	Thur. 24	11 ·33	... ...	10
26	Fri. 25	12 ·40	19 ·04	11
27	Sat. 26	13 ·45	20 ·12	12
28	Sun. 27	14 ·49	21 ·19	13
29	Mon. ○ 28	P ·50	22 ·24	14
30	Tues. 29	1 ·50	23 ·28	15
31	Wed. 30	2 ·47	24 ·29	16
—32	Thur. 31	3 ·43	25 ·28	17
	Aug.			
1	Fri. 1	4 ·37	26 ·25	18
2	Sat. 2	5 ·29	27 ·21	19
3	Sun. 3	6 ·21	1 ·16	20
4	Mon. 4	7 ·11	2 ·10	21
5	Tues. 5	8 ·01 / 9 ·91	3 ·03 / 4 ·98	22
6	Wed. 6	10 ·81	5 ·89	23
7	Thur. 7	11 ·71	6 ·83	24
8	Fri. 8	12 ·62	7 ·78	25
9	Sat. 9	13 ·54	8 ·73	26
10	Sun. 10	14 ·48	9 ·70	27
11	Mon. ● 11	—A ·43	10 ·68	28
12	Tues. 12	1 ·41	11 ·69	—29
13	Wed. 13	2 ·41	12 ·72	1
14	Thur. 14	3 ·42	13 ·77	2
15	Fri. 15	4 ·45	14 ·83	3
16	Sat. 16	5 ·51	15 ·92	4
17	Sun. 17	6 ·58	... ...	5
18	Mon. 18	7 ·66	16 ·02	6
19	Tues. 19	8 ·75	17 ·13	7
20	Wed. 20	9 ·83	18 ·24	8
21	Thur. 21	10 ·90	19 ·34	9
22	Fri. 22	11 ·96	20 ·43	10
23	Sat. 23	12 ·99	21 ·50	11
24	Sun. 24	.. ...	22 ·56	12
25	Mon. 25	13 ·01	23 ·60	13
26	Tues. 26	14 ·01 / P ·98	24 ·61	14
27	Wed. 27	1 ·94	25 ·60	15
28	Thur. 28	2 ·88	26 ·58	16
29	Fri. 29	3 ·81	27 ·55	17
30	Sat. 30	4 ·72	1 ·50	18
—31	Sun. 31	5 ·62	2 ·43	19

Bahula. *Śukla.* *Śrāvaṇa.* *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśirsha.* *Pausha.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.* *Jyaishṭha.* *Āshāḍha.* *Śrāvaṇa.* *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśirsha.* *Pausha.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.* *Jyaishṭha.* *Āshāḍha.*

H. 1055 *Jamādu'l awwal.* *H.* 1055 *Jamādu'l ākhir.* *H.* 1055 *Rajab.* *H.* 1055 *Shawwāl.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Pārthiva. **Kanyā—Purattāśi.**	**Sep.**			
1	Mon. 1	6 ·52	3 ·37	20
2	Tues. 2	7 ·42	4 ·30	21
3	Wed. 3	8 ·32	5 ·24	22
4	Thur. 4	9 ·23	6 ·17	23
5	Fri. 5	10 ·15	7 ·11	24
6	Sat. 6	11 ·07	8 ·06	25
7	Sun. 7	12 ·01 / 13 ·96	9 ·03	26
8	Mon. 8	14 ·93	10 ·01	27
9	Tues. 9	—A ·93	11 ·02	28
10	Wed. 10	1 ·94	12 ·04	29
11	Thur. 11	2 ·98	13 ·08	—30
12	Fri. 12	... ...	14 ·14	1
13	Sat. 13	3 ·04	15 ·22	2
14	Sun. 14	4 ·11	16 ·32	3
15	Mon. 15	5 ·19	17 ·43	4
16	Tues. 16	6 ·27	18 ·53	5
17	Wed. 17	7 ·36	19 ·64	6
18	Thur. 18	8 ·44	20 ·73	7
19	Fri. 19	9 ·50	21 ·82	8
20	Sat. 20	10 ·58	22 ·88	9
21	Sun. 21	11 ·55	23 ·91	10
22	Mon. 22	12 ·55	24 ·93	11
23	Tues. 23	13 ·53	25 ·93	12
24	Wed. 24	14 ·49	26 ·92	13
25	Thur. 25	P ·43	27 ·88	14
26	Fri. 26	1 ·36	1 ·83	15
27	Sat. 27	2 ·27	2 ·77	16
28	Sun. 28	3 ·18	3 ·70	17
29	Mon. 29	4 ·09 / 5 ·99	4 ·63	18
—30	Tues. 30	6 ·89	5 ·57	19
	Oct.			
1	Wed. 1	7 ·79	6 ·51	20
2	Thur. 2	8 ·71	7 ·45	21
3	Fri. 3	9 ·63	8 ·39	22
4	Sat. 4	10 ·57	9 ·36	23
5	Sun. 5	11 ·53	10 ·34	24
6	Mon. 6	12 ·51	11 ·34	25
7	Tues. 7	13 ·50	12 ·35	26
8	Wed. 8	14 ·52	13 ·39	27
9	Thur. 9	—A ·56	14 ·45	28
10	Fri. 10	1 ·61	15 ·53	—29
11	Sat. 11	2 ·68	16 ·62	1
12	Sun. 12	3 ·77	17 ·72	2
13	Mon. 13	4 ·86	18 ·83	3
14	Tues. 14	5 ·95	19 ·94	4
15	Wed. 15	... ...	... ...	5
16	Thur. 16	6 ·03	20 ·04	6
17	Fri. 17	7 ·08	21 ·12	7
18	Sat. 18	8 ·11	22 ·19	8
19	Sun. 19	9 ·13	23 ·23	9
20	Mon. 20	10 ·13	24 ·25	10
21	Tues. 21	11 ·12	25 ·25	11
22	Wed. 22	12 ·08	26 ·25	12
23	Thur. 23	13 ·03 / 14 ·95	27 ·21	13
24	Fri. 24	P ·86	1 ·17	14
25	Sat. 25	1 ·77	2 ·11	15
26	Sun. 26	2 ·67	3 ·04 / 4 ·98	16
27	Mon. 27	3 ·57	5 ·91	17
28	Tues. 28	4 ·47	6 ·84	18
29	Wed. 29	5 ·38	7 ·78	19
—30	Thur. 30	6 ·30	8 ·73	20
1	Fri. 31	7 ·23	9 ·70	21

Bahula. *Śukla.* *Kārttika.* *Mārgaśirsha.* *Pausha.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.* *Jyaishṭha.* *Āshāḍha.* *Śrāvaṇa.* *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśirsha.* *Pausha.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.* *Jyaishṭha.* *Āshāḍha.* *Śrāvaṇa.*

H. 1055 *Ramazán.* *H.* 1055 *Shawwál.* *H.* 1055 *Zi l. ka'da*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Pārthiva. **Vṛiśchika—Kārttigai.**	**Nov.**			
2	Sat. 1	8 ·17	10 ·67	22
3	Sun. 2	9 ·13	11 ·66	23
4	Mon. 3	10 ·11	12 ·67	24
5	Tues. 4	11 ·11	13 ·70	25
6	Wed. 5	12 ·13	14 ·76	26
7	Thur. 6	13 ·17	15 ·84	27
8	Fri. 7	14 ·23	16 ·92	28
9	Sat. 8	—A ·30	.. ...	29
10	Sun. 9	1 ·39	17 ·02	—30
11	Mon. 10	2 ·48	18 ·13	1
12	Tues. 11	3 ·56	19 ·24	2
13	Wed. 12	4 ·64	20 ·34	3
14	Thur. 13	5 ·70	21 ·43	4
15	Fri. 14	6 ·75	22 ·50	5
16	Sat. 15	7 ·76	23 ·54	6
17	Sun. 16	8 ·75	24 ·5,	7
18	Mon. 17	9 ·73	25 ·59	8
19	Tues. 18	10 ·69	26 ·58	9
20	Wed. 19	11 ·64	27 ·55	10
21	Thur. 20	12 ·57	1 ·50	11
22	Fri. 21	13 ·49	2 ·45	12
23	Sat. 22	14 ·40	3 ·39	13
24	Sun. 23	P ·30	4 ·32	14
25	Mon. 24	1 ·20	5 ·25	15
26	Tues. 25	2 ·10	6 ·18	16
27	Wed. 26	3 ·01 / 4 ·92	7 ·12	17
28	Thur. 27	5 ·85	8 ·07	18
29	Fri. 28	6 ·80	9 ·03	19
—30	Sat. 29	7 ·76	10 ·00 / 11 ·98	20
1	Sun. 30	8 ·74	12 ·99	21
	Dec.			
2	Mon. 1	9 ·74	... ...	22
3	Tues. 2	10 ·77	13 ·03	23
4	Wed. 3	11 ·81	14 ·07	24
5	Thur. 4	12 ·87	15 ·14	25
6	Fri. 5	13 ·95	16 ·22	26
7	Sat. 6	... ...	17 ·32	27
8	Sun. 7	14 ·04	18 ·43	28
9	Mon. 8	—A ·13	19 ·54	—29
10	Tues. 9	1 ·21	20 ·64	1
11	Wed. 10	2 ·28	21 ·73	2
12	Thur. 11	3 ·34	22 ·80	3
13	Fri. 12	4 ·38	23 ·86	4
14	Sat. 13	5 ·40	24 ·90	5
15	Sun. 14	6 ·40	25 ·91	6
16	Mon. 15	7 ·37	26 ·90	7
17	Tues. 16	8 ·33	27 ·88	8
18	Wed. 17	9 ·28	1 ·83	9
19	Thur. 18	10 ·21	2 ·79	10
20	Fri. 19	11 ·13	3 ·73	11
21	Sat. 20	12 ·03 / 13 ·93	4 ·66	12
22	Sun. 21	14 ·83	5 ·59	13
23	Mon. 22	P ·74	6 ·52	14
24	Tues. 23	1 ·65	7 ·46	15
25	Wed. 24	2 ·57	8 ·41	16
26	Thur. 25	3 ·50	9 ·36	17
27	Fri. 26	4 ·44	10 ·32	18
28	Sat. 27	5 ·40	11 ·31	19
—29	Sun. 28	6 ·39	12 ·32	20
1	Mon. 29	7 ·39	13 ·34	21
2	Tues. 30	8 ·41	14 ·38	22
3	Wed. 31	9 ·46	15 ·44	23

Bahula. *Śukla.* *Mārgaśirsha.* *Pausha.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.* *Jyaishṭha.* *Āshāḍha.* *Śrāvaṇa.* *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśirsha.* *Pausha.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.* *Jyaishṭha.* *Āshāḍha.* *Śrāvaṇa.* *Bhādrapada.*

H. 1055 *Shawwál.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1646. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 28·90.** **Śaka 1568.** **Kaliyuga 4747.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·81.** **(S. Cycle) Vyaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day	Week-day, English month and day		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Thur.	1	10 ·52	16 ·53	24	4	Sun.	1	9 ·04	20 ·54	23	3	Fri.	1	11 ·36	26 ·53	25
5	Fri.	2	11 ·60	17 ·63	25	5	Mon.	2	10 ·12	21 ·65	24	4	Sat.	2	12 ·38	27 ·53	26
6	Sat.	3	12 ·69	18 ·74	26	6	Tues.	3	11 ·18	22 ·73	25	5	Sun.	3	13 ·28	1 ·50	27
7	Sun.	4	13 ·78	19 ·84	27	7	Wed.	4	12 ·23	23 ·80	26	6	Mon.	4	14 ·22	2 ·46	28
8	Mon.	5	14 ·86	20 ·94	28	8	Thur.	5	13 ·27	24 ·85	27	7	Tues.	5	—**A** ·14	3 ·42	29
9	Tues.	6	—**A** ·93	... ...	29	9	Fri.	6	14 ·28	25 ·87	28	8	Wed.	6	1 ·05	4 ·36	—30
10	Wed.	7	1 ·99	21 ·04	—30	10	Sat.	7	—**A** ·27	26 ·89	29				2 ·95		
11	Thur.	8	... ...	22 ·11	1	11	Sun.	8	1 ·24	27 ·87	—30	9	Thur.	7	3 ·85	5 ·29	1
12	Fri.	9	2 ·03	23 ·18	2	12	Mon.	9	2 ·20	1 ·84	1	10	Fri.	8	4 ·75	6 ·22	2
13	Sat.	10	3 ·04	24 ·22	3	13	Tues.	10	3 ·14	2 ·80	2	11	Sat.	9	5 ·65	7 15	3
14	Sun.	11	4 ·04	25 ·23	4	14	Wed.	11	4 ·07	3 ·74	3	12	Sun.	10	6 ·55	8 ·09	4
15	Mon.	12	5 ·02	26 ·23	5				5 ·98			13	Mon.	11	7 ·47	9 ·03	5
			6 ·98			15	Thur.	12	6 ·88	4 ·68	4					10 ·99	
16	Tues.	13	7 ·92	27 ·21	6	16	Fri.	13	7 ·78	5 ·62	5	14	Tues.	12	8 ·40	11 ·95	6
17	Wed.	14	8 ·85	1 ·18	7	17	Sat.	14	8 ·68	6 ·55	6	15	Wed.	13	9 ·34	12 ·93	7
18	Thur.	15	9 ·76	2 ·13	8	18	Sun.	15	9 ·58	7 ·48	7	16	Thur.	14	10 ·30	13 ·94	8
19	Fri.	16	10 ·67	3 ·07	9	19	Mon.	16	10 ·49	8 ·41	8	17	Fri.	15	11 ·27	14 ·96	9
20	Sat.	17	11 ·57	4 ·00	10	20	Tues.	17	11 ·41	9 ·36	9	18	Sat.	16	12 ·27	... ...	10
				5 ·93													
21	Sun.	18	12 ·47	6 ·87	11	21	Wed.	18	12 ·34	10 ·32	10	19	Sun.	17	13 ·29	15 ·00	11
22	Mon.	19	13 ·37	7 ·80	12	22	Thur.	19	13 ·28	11 ·29	11	20	Mon.	18	14 ·34	16 ·06	12
23	Tues.	20	14 ·28	8 ·74	13	23	Fri.	20	14 ·24	12 ·28	12	21	Tues.	19	**P** ·40	17 ·13	13
24	Wed.	21	**P** ·20	9 ·69	14	24	Sat.	21	**P** ·23	13 ·29	13	22	Wed.	20	1 ·47	18 ·23	14
25	Thur.	22	1 ·14	10 ·65	15	25	Sun.	22	1 ·23	14 ·32	14	23	Thur.	21	2 ·55	19 ·34	15
26	Fri.	23	2 ·09	11 ·63	16	26	Mon.	23	2 ·26	15 ·38	15	24	Fri.	22	3 ·63	20 ·45	16
27	Sat.	24	3 ·05	12 ·64	17	27	Tues.	24	3 ·30	16 ·44	16	25	Sat.	23	4 ·71	21 ·55	17
28	Sun.	25	4 ·02	13 ·65	18	28	Wed.	25	4 ·36	17 ·53	17	26	Sun.	24	5 ·77	22 ·64	18
29	Mon.	26	5 ·03	14 ·69	19	29	Thur.	26	5 ·44	18 ·63	18	27	Mon.	25	6 ·82	23 ·72	19
—30	Tues.	27	6 ·06	15 ·75	20	30	Fri.	27	6 ·52	19 ·74	19	28	Tues.	26	7 ·85	24 ·79	20
1	Wed.	28	7 ·11	16 ·83	21	—31	Sat.	28	7 ·62	20 ·85	20	29	Wed.	27	8 ·86	25 ·83	21
2	Thur.	29	8 ·17	17 ·93	22	1	Sun.	29	8 ·70	21 ·95	21	30	Thur.	28	9 ·86	26 ·85	22
3	Fri.	30	9 ·25	... ...	23	2	Mon.	30	9 ·76	... .	22	—31	Fri.	29	10 ·83	27 ·85	23
4	Sat.	31	10 ·33	18 ·08	24	3	Tues.	31	10 ·81	22 ·04	23	1	Sat.	30	11 ·78	1 ·83	24
												2	Sun.	31	12 ·71	2 ·81	25
	Feb.						**April.**						**June.**				
5	Sun.	1	11 ·42	19 ·14	25	4	Wed.	1	11 ·84	23 ·11	24	3	Mon.	1	13 ·63	3 ·76	26
6	Mon.	2	12 ·50	20 ·24	26	5	Thur.	2	12 ·84	24 ·16	25	4	Tues.	2	14 ·54	4 ·70	27
7	Tues.	3	13 ·58	21 ·34	27	6	Fri.	3	13 ·83	25 ·20	26	5	Wed.	3	—**A** ·44	5 ·63	28
8	Wed.	4	14 64	22 ·43	28	7	Sat.	4	14 ·80	26 ·21	27	6	Thur.	4	1 ·34	6 ·56	—29
9	Thur.	5	—**A** ·67	23 ·49	29	8	Sun.	5	—**A** ·75	27 ·20	28	7	Fri.	5	2 ·24	7 ·50	1
—10	Fri.	6	1 ·68	24 ·53	—30	9	Mon.	6	1 ·69	1 ·17	—29	8	Sat.	6	3 ·14	8 ·43	2
11	Sat.	7	2 ·67	25 ·55	1	10	Tues.	7	2 ·62	2 ·13	1	9	Sun.	7	4 ·05	9 ·37	3
12	Sun.	8	3 ·65	26 ·55	2	11	Wed.	8	3 ·53	3 ·08	2				5 96		
13	Mon.	9	4 ·60	27 ·54	3	12	Thur.	9	4 ·43	4 ·02	3	10	Mon.	8	6 ·88	10 ·32	4
14	Tues.	10	5 ·54	1 ·51	4					5 ·95		11	Tues.	9	7 ·82	11 ·28	5
15	Wed.	11	6 ·47	2 ·46	5	13	Fri.	10	5 ·33	6 ·88	4	12	Wed.	10	8 ·78	12 ·26	6
16	Thur.	12	7 ·38	3 ·40	6	14	Sat.	11	6 ·23	7 ·81	5	13	Thur.	11	9 ·76	13 ·26	7
17	Fri.	13	8 ·29	4 ·34	7	15	Sun.	12	7 ·13	8 ·75	6	14	Fri.	12	10 ·75	14 ·27	8
18	Sat.	14	9 ·19	5 ·28	8	16	Mon.	13	8 ·03	9 ·70	7	15	Sat.	13	11 ·77	15 ·31	9
									9 ·95			16	Sun.	14	12 ·82	16 ·36	10
19	Sun.	15	10 ·09	6 ·21	9	17	Tues.	14	10 ·88	10 ·65	8	17	Mon.	15	13 ·88	17 ·41	11
			11 ·99														
20	Mon.	16	12 ·90	7 ·14	10	18	Wed.	15	11 ·82	11 ·62	9	18	Tues.	16	14 ·95	18 ·54	12
21	Tues.	17	13 ·81	8 ·08	11	19	Thur.	16	12 ·79	12 ·60	10	19	Wed.	17	... ...	19 ·64	13
22	Wed.	18	14 74	9 ·02	12	20	Fri.	17	13 ·77	13 ·61	11	20	Thur.	18	**P** ·03	20 ·74	14
				10 ·98		21	Sat.	18	14 76	14 ·64	12	21	Fri.	19	1 ·11	21 ·85	15
23	Thur.	19	**P** ·70	11 ·97	13	22	Sun.	19	**P** ·79	15 ·68	13	22	Sat.	20	2 ·19	22 ·95	16
24	Fri.	20	1 ·67	12 ·96	14	23	Mon.	20	1 ·83	16 ·75	14	23	Sun.	21	3 ·25	... ...	17
25	Sat.	21	2 ·65	13 ·97	15	24	Tues.	21	2 ·89	17 ·83	15	24	Mon.	22	4 ·30	23 ·04	18
26	Sun.	22	3 ·64	. ...	16	25	Wed.	22	3 ·97	18 ·93	16	25	Tues.	23	5 ·33	24 ·10	19
27	Mon.	23	4 ·67	14 ·00	17	26	Thur.	23	... ...	... ...	17	26	Wed.	24	6 ·35	25 ·15	20
28	Tues.	24	5 ·72	15 ·06	18	27	Fri.	24	4 ·07	19 ·04	18	27	Thur.	25	7 ·34	26 ·17	21
—29	Wed.	25	6 ·78	16 ·14	19	28	Sat.	25	5 ·15	20 ·15	19	28	Fri.	26	8 ·31	27 ·18	22
1	Thur.	26	7 ·86	17 ·23	20	29	Sun.	26	6 ·22	21 ·25	20	29	Sat.	27	9 ·26	1 ·17	23
2	Fri.	27	8 ·95	18 ·33	21	30	Mon.	27	7 ·28	22 ·34	21	30	Sun.	28	10 ·19	2 ·14	24
3	Sat.	28	... ...	19 ·44	22	—31	Tues.	28	8 ·33	23 ·42	22	31	Mon.	29	11 ·11	3 ·09	25
						1	Wed.	29	9 ·36	24 ·47	23	—32	Tues.	30	12 ·02	4 ·03	26
						2	Thur.	30	10 ·37	25 ·52	24				13 ·92	5 ·97	

Makara—Tai. (Pārthiva.) Kumbha—Māsi. (Pārthiva.) Mīna—Paiguni. (Pārthiva.) Mēsha—Chittirai. (Vyaya.) Vrishabha—Vaigāsi. (Vyaya.) Mithuna—Āni. (Vyaya.)

Māgha. (Sukla.) Phālguna. (Bahula.) Chaitra. (Sukla.) Vaisākha. (Bahula.) Jyeshtha. (Sukla.) Āshādha. (Bahula.)

H. 1055 Zi-l-hijja. H. 1056 Muharram. H. 1056 Rabī-ul awwal. H. 1056 Rabī-ul ākhir. H. 1056 Jamādi'l awwal.

Nakah:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev

A.D. 1646. **Kollam 822,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1056.** Commences **Feb. 7.** **Vikrama 1703.** **Bengal San. 1052.** **(N. Cycle) Manmatha.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
1	Wed. 1	14 ·82	6 ·91	27	1	Tues. 1	2 ·27	13 ·23	—30	1	Sun. 1	4 ·60	19 ·14	2
2	Thur. 2	—**A** ·72	7 ·84	28	2	Wed. 2	3 ·25	14 ·23	1	2	Mon. 2	5 ·69	20 ·24	3
3	Fri. 3	1 ·62	8 ·77	29	3	Thur. 3	4 ·24	15 ·26	2	3	Tues. 3	6 ·78	21 ·35	4
4	Sat. 4	2 ·53	9 ·71	—30	4	Fri. 4	5 ·26	16 ·30	3	4	Wed. 4	7 ·86	22 ·46	5
5	Sun. 5	3 ·45	10 ·65	1	5	Sat. 5	6 ·30	17 ·36	4	5	Thur. 5	8 ·93	23 ·56	6
6	Mon. 6	4 ·38	11 ·61	2	6	Sun. 6	7 ·36	18 ·44	5	6	Fri. 6	9 ·99	24 ·65	7
7	Tues. 7	5 ·31	12 ·59	3	7	Mon. 7	8 ·43	19 ·53	6	7	Sat. 7	... ...	25 ·72	8
8	Wed. 8	6 ·26	13 ·58	4	8	Tues. 8	9 ·51	20 ·65	7	8	Sun. 8	10 ·03	26 ·76	9
9	Thur. 9	7 ·24	14 ·59	5	9	Wed. 9	10 ·59	21 ·75	8	9	Mon. 9	11 ·05	27 ·79	10
10	Fri. 10	8 ·23	15 ·62	6	10	Thur. 10	11 ·67	22 ·86	9	10	Tues. 10	12 ·05	1 ·80	11
11	Sat. 11	9 ·25	16 ·67	7	11	Fri. 11	12 ·74	23 ·95	10	11	Wed. 11	13 ·02	2 ·79	12
12	Sun. 12	10 ·29	17 ·75	8	12	Sat. 12	13 ·80	... ...	11			14 ·98		
13	Mon. 13	11 ·34	18 ·84	9	13	Sun. 13	14 ·84	24 ·03	12	12	Thur. 12	**P** ·92	3 ·77	13
14	Tues. 14	12 ·41	19 ·94	10	14	Mon. 14	**P** ·85	25 ·10	13	13	Fri. 13	1 ·85	4 ·72	14
15	Wed. 15	13 ·49	... ...	11	15	Tues. 15	1 ·85	26 ·13	14	14	Sat. 14	2 ·77	5 ·67	15
16	Thur. 16	14 ·58	20 ·04	12	16	Wed. 16	2 ·83	27 ·15	15	15	Sun. 15	3 ·68	6 ·60	16
17	Fri. ○ 17	**P** ·66	21 ·15	13	17	Thur. 17	3 ·79	1 ·15	16	16	Mon. 16	4 ·58	7 ·54	17
18	Sat. 18	1 ·72	22 ·26	14	18	Fri. 18	4 ·73	2 ·13	17	17	Tues. 17	5 ·48	8 ·47	18
19	Sun. 19	2 ·77	23 ·34	15	19	Sat. 19	5 ·65	3 ·09	18	18	Wed. 18	6 ·38	9 ·40	19
20	Mon. 20	3 ·81	24 ·41	16	20	Sun. 20	6 ·57	4 ·05 / 5 ·99	19	19	Thur. 19	7 ·29	10 ·34	20
21	Tues. 21	4 ·83	25 ·46	17						20	Fri. 20	8 ·21	11 ·28	21
22	Wed. 22	5 ·81	26 ·49	18	21	Mon. 21	7 ·48	6 ·92	20	21	Sat. 21	9 ·14	12 ·24	22
23	Thur. 23	6 ·78	27 ·51	19	22	Tues. 22	8 ·38	7 ·85	21	22	Sun. 22	10 ·08	13 ·22	23
24	Fri. 24	7 ·74	1 ·50	20	23	Wed. 23	9 ·28	8 ·78	22	23	Mon. 23	11 ·04	14 ·20	24
25	Sat. 25	8 ·68	2 ·47	21	24	Thur 24	10 ·18	9 ·73	23	24	Tues. 24	12 ·02	15 ·21	25
26	Sun. 26	9 ·60	3 ·43	22	25	Fri. 25	11 ·08	10 ·66	24	25	Wed. 25	13 ·03	16 ·24	26
27	Mon. 27	10 ·51	4 ·38	23	26	Sat. 26	12 ·00 / 13 ·93	11 ·61	25	26	Thur. 26	14 ·05	17 ·29	27
28	Tues. 28	11 ·42	5 ·32	24						27	Fri. 27	—**A** ·10	18 ·36	28
29	Wed. 29	12 ·32	6 ·25	25	27	Sun. 27	14 ·87	12 ·58	26	28	Sat. 28	1 ·16	19 ·44	—29
30	Thur. 30	13 ·22	7 ·18	26	28	Mon. 28	—**A** ·83	13 ·55	27	—29	Sun. 29	2 ·24	20 ·54	1
—31	Fri. 31	14 ·12	8 ·11	27	29	Tues. 29	1 ·81	14 ·56	28	1	Mon. 30	3 ·32	21 ·65	2
					30	Wed. 30	2 ·81	15 ·57	29					
	Aug.					**Oct.**					**Dec.**			
1	Sat. 1	**A** ·02 / 1 ·93	9 ·04 / 10 ·99	28	—31	Thur. 1	3 ·82	16 ·61	1	2	Tues. 1	4 ·40	22 ·75	3
2	Sun. 2	2 ·86	11 ·95	—29	1	Fri. 2	4 ·86	17 ·67	2	3	Wed. 2	5 ·50	23 ·86	4
3	Mon. 3	3 ·80	12 ·92	1	2	Sat. 3	5 ·92	18 ·74	3	4	Thur. 3	6 ·58	24 ·95	5
4	Tues. 4	4 ·75	13 ·90	2	3	Sun. 4	6 ·99	19 ·83	4	5	Fri. 4	7 ·63	. ..	6
5	Wed. 5	5 ·73	14 ·91	3	4	Mon. 5	... ...	20 ·94	5	6	Sat. 5	8 ·67	25 ·02	7
6	Thur. 6	6 ·72	15 ·93	4	5	Tues. 6	7 ·07	... ...	6	7	Sun. 6	9 ·70	26 ·08	8
7	Fri. 7	7 ·74	16 ·99	5	6	Wed. 7	8 ·16	21 ·05	7	8	Mon. 7	10 ·69	27 ·11	9
8	Sat. 8	8 ·78	. ...	6	7	Thur. 8	9 ·25	22 ·16	8	9	Tues. 8	11 ·66	1 ·13	10
9	Sun. 9	9 ·84	17 ·05	7	8	Fri. 9	10 ·32	23 ·25	9	10	Wed. 9	12 ·61	2 ·12	11
10	Mon. 10	10 ·91	18 ·14	8	9	Sat. 10	11 ·37	24 ·33	10	11	Thur. 10	13 ·55	3 ·10	12
11	Tues. 11	11 ·99	19 ·24	9	10	Sun. 11	12 ·41	25 ·41	11	12	Fri. 11	14 ·48	4 ·05	13
12	Wed. 12	... ...	20 ·34	10	11	Mon. 12	13 ·43	26 ·45	12	13	Sat. 12	**P** ·40	5 ·00 / 6 ·95	14
13	Thur. 13	12 ·08	21 ·46	11	12	Tues. 13	14 ·44	27 ·47	13					
14	Fri. 14	13 ·16	22 ·56	12	13	Wed. 14	**P** ·41	1 ·47	14	14	Sun. 13	1 ·31	7 ·88	15
15	Sat. 15	14 ·22	23 ·65	13	14	Thur. 15	1 ·37	2 ·46	15	15	Mon. 14	2 ·21	8 ·81	16
16	Sun. 16	**P** ·27	24 ·72	14	15	Fri. 16	2 ·31	3 ·43	16	16	Tues. 15	3 ·11	9 ·74	17
17	Mon. 17	1 ·30	25 ·77	15	16	Sat. 17	3 ·23	4 ·39	17	17	Wed. 16	4 ·01 / 5 ·92	10 ·67	18
18	Tues. 18	2 ·32	26 ·81	16	17	Sun. 18	4 ·15	5 ·33	18					
19	Wed. 19	3 ·32	27 ·83	17	18	Mon. 19	5 ·06 / 6 ·96	6 ·26	19	18	Thur. 17	6 ·84	11 ·61	19
20	Thur. 20	4 ·30	1 ·82	18	19	Tues. 20	7 ·86	7 ·19	20	19	Fri. 18	7 ·77	12 ·58	20
21	Fri. 21	5 ·25	2 ·80	19	20	Wed. 21	8 ·77	8 ·13	21	20	Sat. 19	8 ·72	13 ·54	21
22	Sat. 22	6 ·19	3 ·76	20	21	Thur. 22	9 ·68	9 ·06	22	21	Sun. 20	9 ·69	14 ·53	22
23	Sun. 23	7 ·12	4 ·71	21	22	Fri. 23	10 ·59	10 ·00 / 11 ·95	23	22	Mon. 21	10 ·68	15 ·53	23
24	Mon. 24	8 ·03 / 9 ·93	5 ·65	22	23	Sat. 24	11 ·51	12 ·91	24	23	Tues. 22	11 ·68	16 ·55	24
25	Tues. 25	10 ·83	6 ·59	23	24	Sun. 25	12 ·45	13 ·89	25	24	Wed. 23	12 ·69	17 ·60	25
26	Wed. 26	11 ·73	7 ·52	24	25	Mon. 26	13 ·42	14 ·88	26	25	Thur. 24	13 ·74	18 ·67	26
27	Thur. 27	12 ·63	8 ·44	25	26	Tues. 27	14 ·40	15 ·89	27	26	Fri. 25	14 ·81	19 ·75	27
28	Fri. 28	13 ·53	9 ·38	26	27	Wed. 28	—**A** ·40	16 ·92	28	27	Sat. 26	—**A** ·89	20 ·84	28
29	Sat. 29	14 ·45	10 ·33	27	28	Thur. 29	1 ·42	17 ·97	29	28	Sun. 27	1 ·97	21 ·95	29
30	Sun. 30	—**A** ·38	11 ·28	28	29	Fri. 30	2 ·46	... ...	—30	—29	Mon. 28	. ...	... ...	—30
—31	Mon. 31	1 ·32	12 ·25	29	—30	Sat. 31	3 ·52	18 05	1	1	Tues. 29	2 ·07	22 ·06	1
										2	Wed. 30	3 ·15	23 ·16	2
										3	Thur. 31	4 ·23	24 ·26	3

Vyaya. **Karkaṭaka—Ādi.** *Śukla.* **Adhika Śrāvaṇa.** *Bahula.* **Śiṁha—Āvaṇi.** *Śukla.* **Nija Śrāvaṇa.** *Bahula.* *H.* 1056 *Jamāda'l ākhir.* *H.* 1056 *Rajab.* *Vyaya.* **Kanyā—Puraṭṭāsi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 1056 *Śha'bān.* *Vyaya.* **Tulā—Aippasi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 1056 *Ramazān.* *Vyaya.* **Vṛśchika—Kārttigai.** *Śukla* **Kārttika.** *Bahula.* *H.* 1056 *Shawwāl.* *Vyaya.* **Dhanus—Mārgali.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H.* 1056 *Zi-l-ka'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash 22. Srav. 23 Dhani. 24. Śatab.

A.D. 1647. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·16.** **Śaka 1569.** **Kaliyuga 4748.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·07.** **(S. Cycle) Sarvajit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Fri.	1	5 ·29	25 ·33	4	3	Mon.	1	5 ·54	2 ·10	4	3	Sat.	1	7 ·16	9 ·44	6
5	Sat.	2	6 ·32	26 ·39	5	4	Tues.	2	6 ·49	3 ·08	5	4	Sun.	2	8 ·06 / 9 ·95	10 ·37	7
6	Sun.	3	7 ·34	27 ·44	6	5	Wed.	3	7 ·43	4 ·06	6	5	Mon.	3	10 ·86	11 ·30	8
7	Mon.	4	8 ·33	1 ·45	7	6	Thur.	4	8 ·35	5 ·02 / 6 ·96	7	6	Tues.	4	11 ·78	12 ·24	9
8	Tues.	5	9 ·31	2 ·45	8							7	Wed.	5	12 ·70	13 ·20	10
9	Wed.	6	10 ·26	3 ·43	9	7	Fri.	5	9 ·27	7 ·89	8	8	Thur.	6	13 ·66	14 ·17	11
10	Thur.	7	11 ·20	4 ·39	10	8	Sat.	6	10 ·17	8 ·82	9	9	Fri.	7	14 ·61	15 ·15	12
11	Fri.	8	12 ·13	5 ·34	11	9	Sun.	7	11 ·07 / 12 ·97	9 ·76	10	10	Sat.	8	P ·60	16 ·15	13
12	Sat.	9	13 ·04 / 14 ·95	6 ·29	12	10	Mon.	8	13 ·87	10 ·69	11	11	Sun.	9	1 ·60	17 ·17	14
13	Sun. ○	10	P ·84	7 ·22	13	11	Tues.	9	14 ·78	11 ·63	12	12	Mon.	10	2 ·63	18 ·22	15
14	Mon.	11	1 ·75	8 ·15	14	12	Wed.	10	P ·70	12 ·58	13	13	Tues.	11	3 ·68	19 ·28	16
15	Tues.	12	2 ·65	9 ·08	15	13	Thur.	11	1 ·63	13 ·53	14	14	Wed.	12	4 ·73	20 ·35	17
16	Wed.	13	3 ·56	10 ·01 / 11 ·96	16	14	Fri.	12	2 ·58	14 ·51	15	15	Thur.	13	5 ·81	21 ·45	18
17	Thur.	14	4 ·48	12 ·91	17	15	Sat.	13	3 ·55	15 ·50	16	16	Fri.	14	6 ·89	22 ·55	19
18	Fri.	15	5 ·41	13 ·87	18	16	Sun.	14	4 ·53	16 ·51	17	17	Sat.	15	7 ·98	23 ·67	20
19	Sat.	16	6 ·36	14 ·85	19	17	Mon.	15	5 ·54	17 ·54	18	18	Sun.	16	... ...	24 ·77	21
20	Sun.	17	7 ·33	15 ·85	20	18	Tues.	16	6 ·57	18 ·59	19	19	Mon.	17	8 ·05	25 ·86	22
21	Mon.	18	8 ·32	16 ·87	21	19	Wed.	17	7 ·61	19 ·66	20	20	Tues.	18	9 ·11	26 ·94	23
22	Tues.	19	9 ·32	17 ·91	22	20	Thur.	18	8 ·67	20 ·75	21	21	Wed.	19	10 ·16	... ...	24
23	Wed.	20	10 ·34	18 ·97	23	21	Fri.	19	9 ·75	21 ·85	22	22	Thur.	20	11 ·19	27 ·00	25
24	Thur.	21	11 ·40	... ...	24	22	Sat.	20	10 ·84	22 ·96	23	23	Fri.	21	12 ·20	1 ·05	26
25	Fri.	22	12 ·47	19 ·05	25	23	Sun.	21	11 ·93	... ...	24	24	Sat.	22	13 ·18	2 ·07	27
26	Sat.	23	13 ·54	20 ·14	26	24	Mon.	22	... ...	23 ·06	25	25	Sun.	23	14 ·15	3 ·07	28
27	Sun.	24	14 ·62	21 ·25	27	25	Tues.	23	12 ·01	24 ·16	26	26	Mon.	24	—A ·10	4 ·05	—29
28	Mon.	25	—A ·72	22 ·36	28	26	Wed.	24	13 ·07	25 ·26	27	27	Tues.	25	1 ·03 / 2 ·95	5 ·02 / 6 ·98	1
29	Tues.	26	1 ·80	23 ·46	—29	27	Thur.	25	14 ·13	26 ·33	28						
—30	Wed.	27	2 ·88	24 ·56	1	28	Fri.	26	—A ·16	27 ·38	—29	28	Wed.	26	3 ·86	7 ·92	2
1	Thur.	28	3 ·93	25 ·64	2	29	Sat.	27	1 ·16	1 ·41	1	29	Thur.	27	4 ·75	8 ·85	3
2	Fri.	29	4 ·97	26 ·71	3	—30	Sun.	28	2 ·15	2 ·42	2	30	Fri.	28	5 ·65	9 ·78	4
3	Sat.	30	5 ·98	27 ·75	4	1	Mon.	29	3 ·11	3 ·42	3	—31	Sat.	29	6 ·56	10 ·71	5
4	Sun.	31	6 ·96	1 ·77	5	2	Tues.	30	4 ·07	4 ·39	4	1	Sun.	30	7 ·46	11 ·64	6
						3	Wed.	31	5 ·00 / 6 ·92	5 ·35	5	2	Mon.	31	8 ·37	12 ·59	7
	Feb.						**April.**						**June.**				
5	Mon.	1	7 ·94	2 ·77	6	4	Thur.	1	7 ·83	6 ·30	6	3	Tues.	1	9 ·28	13 ·54	8
6	Tues.	2	8 ·89	3 ·75	7	5	Fri.	2	8 ·73	7 ·23	7	4	Wed.	2	10 ·20	14 ·50	9
7	Wed.	3	9 ·83	4 ·72	8	6	Sat.	3	9 ·63	8 ·17	8	5	Thur.	3	11 ·14	15 ·47	10
8	Thur.	4	10 ·75	5 ·68	9	7	Sun.	4	10 ·53	9 ·10	9	6	Fri.	4	12 ·10	16 ·47	11
9	Fri.	5	11 ·67	6 ·62	10	8	Mon.	5	11 ·43	10 ·03 / 11 ·97	10	7	Sat.	5	13 ·09	17 ·49	12
10	Sat.	6	12 ·57	7 ·56	11							8	Sun.	6	14 ·08	18 ·53	13
11	Sun.	7	13 ·47	8 ·49	12	9	Tues.	6	12 ·34	12 ·91	11	9	Mon.	7	P ·11	19 ·58	14
12	Mon.	8	14 ·38	9 ·42	13	10	Wed.	7	13 ·26	13 ·87	12	10	Tues.	8	1 ·15	20 ·66	15
13	Tues.	9	P ·28	10 ·36	14	11	Thur.	8	14 ·18	14 ·84	13	11	Wed.	9	2 ·20	21 ·75	16
14	Wed.	10	1 ·19	11 ·29	15	12	Fri.	9	P ·13	15 ·82	14	12	Thur.	10	3 ·28	22 ·86	17
15	Thur.	11	2 ·10	12 ·24	16	13	Sat.	10	1 ·10	16 ·83	15	13	Fri.	11	4 ·37	23 ·97	18
16	Fri.	12	3 ·03 / 4 ·98	13 ·20	17	14	Sun.	11	2 ·08	17 ·85	16	14	Sat.	12	5 ·45	... ...	19
17	Sat.	13	5 ·96	14 ·18	18	15	Mon.	12	3 ·09	18 ·90	17	15	Sun.	13	6 ·52	24 ·07	20
18	Sun.	14	6 ·94	15 ·18	19	16	Tues.	13	4 ·11	19 ·97	18	16	Mon.	14	7 ·59	25 ·17	21
19	Mon.	15	7 ·94	16 ·19	20	17	Wed.	14	5 ·16	... ...	19	17	Tues.	15	8 ·64	26 ·25	22
20	Tues.	16	8 ·97	17 ·22	21	18	Thur.	15	6 ·22	20 ·05	20	18	Wed.	16	9 ·67	27 ·32	23
21	Wed.	17	... ...	18 ·28	22	19	Fri.	16	7 ·30	21 ·15	21	19	Thur.	17	10 ·68	1 ·37	24
22	Thur.	18	9 ·01	19 ·35	23	20	Sat.	17	8 ·38	22 ·25	22	20	Fri.	18	11 ·66	2 ·39	25
23	Fri.	19	10 ·08	20 ·45	24	21	Sun.	18	9 ·47	23 ·36	23	21	Sat.	19	12 ·63	3 ·40	26
24	Sat.	20	11 ·17	21 ·55	25	22	Mon.	19	10 ·54	24 ·47	24	22	Sun.	20	13 ·58	4 ·38	27
25	Sun.	21	12 ·26	22 ·66	26	23	Tues.	20	11 ·61	25 ·56	25	23	Mon.	21	14 ·52	5 ·35	28
26	Mon.	22	13 ·34	23 ·76	27	24	Wed.	21	12 ·67	26 ·64	26	24	Tues. ●	22	—A ·44	6 ·31	29
27	Tues.	23	14 ·42	24 ·86	28	25	Thur.	22	13 ·69	27 ·69	27	25	Wed.	23	1 ·35	7 ·25	—30
28	Wed.	24	—A ·49	25 ·94	29	26	Fri.	23	14 ·70	1 ·73	28	26	Thur.	24	2 ·24	8 ·19	1
29	Thur.	25	1 ·54	... ...	—30	27	Sat.	24	—A ·68	2 ·75	29	27	Fri.	25	3 ·14	9 ·12	2
—30	Fri.	26	2 ·58	26 ·02	1	28	Sun.	25	1 ·65	3 ·75	—30	28	Sat.	26	4 ·04 / 5 ·94	10 ·05 / 11 ·99	3
1	Sat.	27	3 ·59	27 ·07	2	29	Mon.	26	2 ·60	4 ·72	1						
2	Sun.	28	4 ·58	1 ·09	3	30	Tues.	27	3 ·53	5 ·68	2	29	Sun.	27	6 ·85	12 ·93	4
						—31	Wed.	28	4 ·45	6 ·63	3	30	Mon.	28	7 ·76	13 ·87	5
						1	Thur.	29	5 ·36	7 ·58	4	31	Tues.	29	8 ·68	14 ·83	6
						2	Fri.	30	6 ·27	8 ·51	5	—32	Wed.	30	9 ·62	15 ·80	7

Vyaya. **Makara—Tai.** *Pausha.* *Sukla.* *Bahula.* *H.* 1056 *Zi-l-hijja.*

Vyaya. **Kumbha—Māsi.** *Māgha.* *Sukla.* *Bahula.* *H.* 1057 *Muharram.*

Vyaya. **Mīna—Pāṅguni.** *Phālguna.* *Sukla.* *Bahula.* *H.* 1057 *Safar.*

Sarvajit. **Mēsha—Chittirai.** *Chaitra.* *Sukla.* *Bahula.* *H.* 1057 *Rabi-ul awwal.*

Sarvajit. **Vrishabha—Vaigāsi.** *Vaisākha.* *Sukla.* *Bahula.* *H.* 1057 *Rabi-ul akhir.*

Sarvajit. **Mithuna—Āni.** *Jyeshtha.* *Sukla.* *Bahula.* *H.* 1057 *Jamāda'l awwal.*

Nakah:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1647. **Kollam 823,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** } **Hijra 1057.** Commences **Jan. 27.** **Vikrama 1704.** **Bengal San. 1053.** **(N. Cycle) Durmukha.**

A—Amāvāsyā. **P—Paurnimā.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Sarvajit. **Karkaṭaka—Ādi.** 1	Thur. 1	10 ·58	16 ·80	8
2	Fri. 2	11 ·56	17 ·81	9
3	Sat. 3	12 ·56	18 ·84	10
4	Sun. 4	13 ·59	19 ·89	11
5	Mon. 5	14 ·63	20 ·96	12
6	Tues. 6	P ·68	... ...	13
7	Wed. 7	1 ·76	21 ·06	14
8	Thur. 8	2 ·84	22 ·16	15
9	Fri. 9	3 ·92	23 ·26	16
10	Sat. 10	4 ·99	24 ·37	17
11	Sun. 11	... ...	25 ·47	18
12	Mon. 12	5 ·06	26 ·56	19
13	Tues. 13	6 ·12	27 ·63	20
14	Wed. 14	*Bahula.* 7 ·15	1 ·68	21
15	Thur. 15	8 ·16	2 ·71	22
16	Fri. 16	9 ·15	3 ·72	23
17	Sat. 17	10 ·11	4 ·71	24
18	Sun. 18	11 ·06	5 ·69	25
19	Mon. 19	12 ·00 / 13 ·93	6 ·65	26
20	Tues. 20	14 ·83	7 ·59	27
21	Wed. 21	—A ·73	8 ·53	28
22	Thur. 22	1 ·63	9 ·46	—29
23	Fri. 23	2 ·52	10 ·40	1
24	Sat. 24	3 ·42	11 ·33	2
25	Sun. 25	4 ·33	12 ·26	3
26	Mon. 26	5 ·25	13 ·20	4
27	Tues. 27	6 ·17	14 ·16	5
28	Wed. 28	7 ·10	15 ·14	6
29	Thur. 29	*Sukla.* 8 ·07	16 ·12	7
30	Fri. 30	9 ·05	17 ·13	8
—31	Sat. 31	10 ·05	18 ·15	9
	Aug.			
Sarvajit. **Simha—Āvani.** 1	Sun. 1	11 ·06	19 ·20	10
2	Mon. 2	12 ·10	20 ·28	11
3	Tues. 3	13 ·17	21 ·36	12
4	Wed. 4	14 ·24	22 ·46	13
5	Thur. 5	P ·32	23 ·56	14
6	Fri. 6	1 ·40	24 ·67	15
7	Sat. 7	2 ·49	25 ·77	16
8	Sun. 8	3 ·55	26 ·87	17
9	Mon. 9	4 ·60	27 ·94	18
10	Tues. 10	5 ·63	... ...	19
11	Wed. 11	6 ·65	1 ·00	20
12	Thur. 12	7 ·64	2 ·03	21
13	Fri. 13	8 ·62	3 ·04	22
14	Sat. 14	9 ·58	4 ·04	23
15	Sun. 15	10 ·51	5 ·02 / 6 ·98	24
16	Mon. 16	11 ·43	7 ·93	25
17	Tues. 17	12 ·33	8 ·87	26
18	Wed. 18	13 ·23	9 ·81	27
19	Thur. 19	14 ·14	10 ·74	28
20	Fri. 20	A ·03 / 1 ·94	11 ·66	29
21	Sat. 21	2 ·84	12 ·60	—30
22	Sun. 22	3 ·76	13 ·54	1
23	Mon. 23	4 ·68	14 ·50	2
24	Tues. 24	5 ·62	15 ·47	3
25	Wed. 25	6 ·58	16 ·45	4
26	Thur. 26	7 ·56	17 ·45	5
27	Fri. 27	8 ·57	18 ·47	6
28	Sat. 28	9 ·58	19 ·52	7
29	Sun. 29	10 ·62	20 ·58	8
30	Mon. 30	11 ·67	21 ·66	9
31	Tues. 31	12 ·74	22 ·75	10

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Sarvajit. **Kanyā—Puraṭṭāsi.** —32	Wed. 1	**Bhādrapada.** 13 ·83	23 ·86	11
1	Thur. 2	14 ·91	24 ·97	12
2	Fri. 3	P ·00	25 ·08	13
3	Sat. 4	1 ·07	26 ·17	14
4	Sun. 5	2 ·13	27 ·25	15
5	Mon. 6	3 ·16	1 ·31	16
6	Tues. 7	4 ·19	2 ·34	17
7	Wed. 8	5 ·17	3 ·37	18
8	Thur. 9	6 ·14	4 ·37	19
9	Fri. 10	7 ·10	5 ·35	20
10	Sat. 11	*Bahula.* 8 ·04	6 ·31	21
11	Sun. 12	9 ·96		22
12	Mon. 13	10 ·86	7 ·26	23
13	Tues. 14	11 ·77	8 ·21	24
14	Wed. 15	12 ·68	9 ·14	25
15	Thur. 16	13 ·57	10 ·07	26
16	Fri. 17	14 ·47	11 ·00 / 12 ·94	27
17	Sat. 18	—A ·37	13 ·88	28
18	Sun. 19	1 ·29	14 ·83	—29
19	Mon. 20	2 ·22	15 ·80	1
20	Tues 21	3 ·17	16 ·77	2
21	Wed. 22	4 ·12	17 ·77	3
22	Thur. 23	*Sukla.* 5 ·10	18 ·78	4
23	Fri. 24	6 ·10	19 ·83	5
24	Sat. 25	7 ·12	20 ·89	6
25	Sun. 26	8 ·17	21 ·96	7
26	Mon. 27	9 ·23	... ...	8
27	Tues. 28	10 ·30	22 ·05	9
28	Wed. 29	11 ·38	23 ·16	10
29	Thur. 30	12 ·47	24 ·27	11
	Oct.			
—30	Fri. 1	**Āśvina.** 13 ·56	25 ·38	12
1	Sat. 2	14 ·63	26 ·47	13
2	Sun. 3	P ·69	27 ·55	14
3	Mon. 4	1 ·72	1 ·62	15
4	Tues. 5	2 ·75	2 ·67	16
5	Wed. 6	3 ·73	3 ·69	17
6	Thur. 7	4 ·71	4 ·69	18
7	Fri. 8	*Bahula.* 5 ·67	5 ·68	19
8	Sat. 9	6 ·60	6 ·64	20
9	Sun. 10	7 ·53	7 ·61	21
10	Mon. 11	8 ·43	8 ·55	22
11	Tues. 12	9 ·34	9 ·48	23
12	Wed. 13	10 ·25	10 ·41	24
13	Thur. 14	11 ·15	11 ·34	25
14	Fri. 15	12 ·05 / 13 ·95	12 ·27	26
15	Sat. 16	14 ·87	13 ·22	27
16	Sun. 17	—A ·80	14 ·17	28
17	Mon. 18	1 ·75	15 ·12	29
18	Tues. 19	2 ·71	16 ·10	—30
19	Wed. 20	3 ·69	17 ·09	1
20	Thur. 21	*Sukla.* 4 ·70	18 ·11	2
21	Fri. 22	5 ·72	19 ·14	3
22	Sat. 23	6 ·76	20 ·19	4
23	Sun. 24	7 ·82	21 ·27	5
24	Mon. 25	8 ·90	22 ·35	6
25	Tues. 26	9 ·98	23 ·46	7
26	Wed. 27	... ...	24 ·57	8
27	Thur. 28	10 ·08	25 ·68	9
28	Fri. 29	**Kārt.** 11 ·16	26 ·77	10
29	Sat. 30	12 ·23	27 ·86	11
—30	Sun. 31	13 ·28	1 ·94	12

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Sarvajit. **Vṛiśchika—Kārttigai.** 1	Mon. 1	**Kārttika.** 14 ·31	2 ·98	13
2	Tues. 2	P ·35	... ...	14
3	Wed. 3	1 ·33	3 ·01	15
4	Thur. 4	2 ·31	4 ·02	16
5	Fri. 5	3 ·26	5 ·00 / 6 ·98	17
6	Sat. 6	4 ·21	7 ·94	18
7	Sun. 7	5 ·13	8 ·88	19
8	Mon. 8	*Bahula.* 6 ·05 / 7 ·95	9 ·82	20
9	Tues. 9	8 ·85	10 ·75	21
10	Wed. 10	9 ·76	11 ·68	22
11	Thur. 11	10 ·66	12 ·62	23
12	Fri. 12	11 ·57	13 ·56	24
13	Sat. 13	12 ·49	14 ·50	25
14	Sun. 14	13 ·42	15 ·46	26
15	Mon. 15	14 ·36	16 ·43	27
16	Tues. 16	—A ·32	17 ·42	28
17	Wed. 17	1 ·31	18 ·43	—29
18	Thur. 18	2 ·31	19 ·46	1
19	Fri. 19	3 ·34	20 ·50	2
20	Sat. 20	4 ·38	21 ·57	3
21	Sun. 21	5 ·45	22 ·66	4
22	Mon. 22	*Sukla.* 6 ·53	23 ·76	5
23	Tues. 23	7 ·61	24 ·87	6
24	Wed. 24	8 ·70	25 ·98	7
25	Thur. 25	9 ·78	... ...	8
26	Fri. 26	10 ·86	26 ·08	9
27	Sat. 27	11 ·92	27 ·17	10
—28	Sun. 28	12 ·96	1 ·25	11
29	Mon. 29	13 ·98	2 ·30	12
1	Tues. 30	14 ·97	3 ·33	13
	Dec.			
Sarvajit. **Dhanus—Mārgali.** 2	Wed. 1	**Mārgaśirsha.** P ·94	4 ·34	14
3	Thur. 2	1 ·89	5 ·33	15
4	Fri. 3	2 ·83	6 ·32	16
5	Sat. 4	3 ·75	7 ·27	17
6	Sun. 5	4 ·67	8 ·22	18
7	Mon. 6	5 ·58	9 ·16	19
8	Tues. 7	6 ·49	10 ·09	20
9	Wed. 8	7 ·38	11 ·03 / 12 ·96	21
10	Thur 9	*Bahula.* 8 ·29	13 ·89	22
11	Fri. 10	9 ·20	14 ·83	23
12	Sat. 11	10 ·11	15 ·79	24
13	Sun. 12	11 ·05	16 ·76	25
14	Mon. 13	12 ·00 / 13 ·97	17 ·75	26
15	Tues. 14	14 ·95	18 ·75	27
16	Wed. ● 15	—A ·96	19 ·77	28
17	Thur. 16	1 ·99	20 ·81	29
18	Fri. 17	... ...	21 ·89	—30
19	Sat. 18	2 ·03	22 ·97	1
20	Sun. 19	*Sukla.* 3 ·10	... ...	2
21	Mon. 20	4 ·18	23 ·06	3
22	Tues. 21	5 ·27	24 ·17	4
23	Wed. 22	6 ·36	25 ·28	5
24	Thur. 23	7 ·45	26 ·39	6
25	Fri. 24	8 ·51	27 ·48	7
26	Sat. 25	9 ·56	1 ·55	8
27	Sun. 26	10 ·60	2 ·61	9
28	Mon. 27	11 ·62	3 ·65	10
29	Tues. 28	12 ·61	4 ·66	11
—30	Wed. 29	13 ·58	5 ·67	12
1	Thur. 30	14 ·54	6 ·65	13
2	Fri. 31	P ·48	7 ·61	14

H. 1057 *Jamādi'l akhir.* *H.* 1057 *Rajab.* *H.* 1057 *Sha'bān.* *H.* 1057 *Ramazān.* *H.* 1057 *Shawwāl.* *H.* 1057 *Zi-l-ka'da.* *H.* 1057 *Zi-l-hijja.* *H.* 1057 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1648. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·41.** **Śaka 1570.** **Kaliyuga 4749.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·32.** **(S. Cycle) Sarvadhārin-**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
Sarvajit. **Makara—Tai.** 3	Sat. 1	1 ·40	8 ·56	15
4	Sun. 2	2 ·32	9 ·50	16
5	Mon. 3	3 ·22	10 ·44	17
6	Tues. 4	4 ·12	11 ·37	18
7	Wed. 5	5 ·03 / 6 ·94	12 ·30	19
8	Thur. 6	*Bahula.* 7 ·84	13 ·23	20
9	Fri. 7	8 ·75	14 ·17	21
10	Sat. 8	9 ·69	15 ·13	22
11	Sun. 9	10 ·64	16 ·09	23
12	Mon. 10	11 ·61	17 ·07	24
13	Tues. 11	12 ·60	18 ·07	25
14	Wed. 12	13 ·61	19 ·09	26
15	Thur. 13	14 ·63	20 ·13	27
16	Fri. 14	—**A** ·68	21 ·19	28
17	Sat. 15	1 ·76	22 ·27	29
18	Sun. 16	2 ·83	23 ·36	—30
19	Mon. 17	3 ·92	24 ·46	1
20	Tues. 18	... ...	25 ·57	2
21	Wed. 19	*Sukla.* 4 ·01	26 ·68	3
22	Thur. 20	5 ·09	27 ·78	4
23	Fri. 21	6 ·16	1 ·86	5
24	Sat. 22	7 ·22	2 ·92	6
25	Sun. 23	8 ·25	3 ·96	7
26	Mon. 24	9 ·26	4 ·99	8
27	Tues. 25	**Māgha.** 10 ·25	5 ·99	9
28	Wed. 26	11 ·22	6 ·97	10
—29	Thur. 27	12 ·18	7 ·94	11
1	Fri. 28	13 ·11	8 ·89	12
2	Sat. 29	14 ·03 / **P** ·94	9 ·84	13
3	Sun. 30	1 ·85	10 ·78	14
4	Mon. 31	2 ·75	11 ·71	15
	Feb.			
Sarvajit. **Kumbha—Māgh.** 5	Tues. 1	3 ·65	12 ·63	16
6	Wed. 2	4 ·56	13 ·57	17
7	Thur. 3	5 ·46	14 ·51	18
8	Fri. 4	6 ·39	15 ·46	19
9	Sat. 5	7 ·33	16 ·42	20
10	Sun. 6	*Bahula.* 8 ·28	17 ·40	21
11	Mon 7	9 ·24	18 ·39	22
12	Tues. 8	10 ·23	19 ·41	23
13	Wed. 9	11 ·24	20 ·44	24
14	Thur. 10	12 ·27	21 ·50	25
15	Fri. 11	13 ·32	22 ·57	26
16	Sat. 12	14 ·38	23 ·66	27
17	Sun. 13	—**A** ·46	24 ·76	28
18	Mon. 14	1 ·56	25 ·88	29
19	Tues. 15	2 ·64	26 ·98	—30
20	Wed. 16	3 ·72	... ...	1
21	Thur. 17	4 ·78	27 ·08	2
22	Fri. 18	*Sukla.* 5 ·84	1 ·16	3
23	Sat. 19	6 ·87	2 ·23	4
24	Sun. 20	7 ·89	3 ·29	5
25	Mon. 21	8 ·87	4 ·31	6
26	Tues. 22	9 ·85	5 ·32	7
27	Wed. 23	**Phālguna.** 10 ·79	6 ·30	8
28	Thur. 24	11 ·72	7 ·27	9
29	Fri. 25	12 ·64	8 ·24	10
—30	Sat. 26	13 ·55	9 ·18	11
1	Sun. 27	14 ·46	10 ·11	12
2	Mon. 28	**P** ·36	11 ·04 / 12 ·97	13
3	Tues. 29	1 ·27	13 ·91	14

H. 1057 *Zi-l-hijja.* — *H.* 1058 *Muharram.* — *H.* 1058 *Safar.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
Sarvajit. **Mīna—Panguni.** 4	Wed. 1	2 ·17	14 ·85	15
5	Thur. 2	3 ·07 / 4 ·99	15 ·80	16
6	Fri. 3	5 ·93	16 ·75	17
7	Sat. 4	**Phāl.** 6 ·88	17 ·72	18
8	Sun. 5	7 ·84	18 ·71	19
9	Mon. 6	8 ·83	19 ·73	20
10	Tues. 7	9 ·83	20 ·76	21
11	Wed. 8	10 ·86	21 ·81	22
12	Thur. 9	11 ·91	22 ·88	23
13	Fri. 10	*Bahula.* 12 ·99	23 ·96	24
14	Sat. 11	... ...	... ...	25
15	Sun. 12	13 ·07	24 ·07	26
16	Mon. 13	14 ·15	25 ·18	27
17	Tues 14	—**A** ·25	26 ·28	28
18	Wed. 15	1 ·32	27 ·38	—29
19	Thur. 16	2 ·38	1 ·47	1
20	Fri. 17	3 ·43	2 ·55	2
21	Sat. 18	4 ·46	3 ·60	3
22	Sun. 19	5 ·47	4 ·63	4
23	Mon. 20	*Sukla.* 6 ·45	5 ·64	5
24	Tues. 21	7 ·42	6 ·63	6
25	Wed. 22	8 ·36	7 ·61	7
26	Thur. 23	9 ·31	8 ·57	8
27	Fri. 24	10 ·22	9 ·52	9
28	Sat. 25	11 ·13	10 ·45	10
29	Sun. 26	12 ·04 / 13 ·98	11 ·38	11
—30	Mon. 27	**Chaitra.** 14 ·83	12 ·32	12
1	Tues. 28	**P** ·74	13 ·25	13
2	Wed. 29	1 ·65	14 ·19	14
3	Thur. 30	2 ·56	15 ·13	15
4	Fri. 31	3 ·48	16 ·08	16
	April.			
Sarvadhārin. **Mēsha—Chittirai.** 5	Sat. 1	4 ·44	17 ·05	17
6	Sun. 2	5 ·40	18 ·04	18
7	Mon. 3	6 ·39	19 ·05	19
8	Tues. 4	*Bahula.* 7 ·39	20 ·07	20
9	Wed. 5	8 ·42	21 ·12	21
10	Thur. 6	9 ·47	22 ·18	22
11	Fri. 7	10 ·54	23 ·27	23
12	Sat. 8	11 ·62	24 ·37	24
13	Sun. 9	12 ·70	25 ·47	25
14	Mon. 10	13 ·79	26 ·58	26
15	Tues. 11	14 ·87	27 ·68	27
16	Wed. 12	—**A** ·93	1 ·78	28
17	Thur. 13	1 ·97	2 ·86	29
18	Fri. 14	2 ·99	3 ·91	30
19	Sat. 15	.. ...	4 ·95	1
20	Sun. 16	3 ·01 / 4 ·99	5 ·96	2
21	Mon. 17	5 ·96	6 ·97	3
22	Tues. 18	*Sukla.* 6 ·90	7 ·94	4
22	Wed. 19	7 ·84	8 ·90	5
24	Thur. 20	8 ·76	9 ·85	6
25	Fri. 21	9 ·67	10 ·79	7
26	Sat. 22	10 ·57	11 ·72	8
27	Sun. 23	11 ·47	12 ·66	9
28	Mon. 24	12 ·37	13 ·59	10
29	Tues. 25	13 ·27	14 ·52	11
—30	Wed. 26	14 ·18	15 ·46	12
31	Thur. 27	**Vaisākha.** **P** ·09	16 ·41	13
1	Fri. 28	1 ·02 / 2 ·97	17 ·39	14
2	Sat. 29	3 ·94	18 ·37	15
3	Sun. 30	4 ·92	19 ·87	16

H. 1058 *Rabī-ul awwal.* — *H.* 1058 *Rabī-ul ākhir.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
Sarvadhārin. **Vrishabha—Vaigāsi.** 4	Mon. 1	5 ·91	20 ·39	17
5	Tues. 2	6 ·95	21 ·43	18
6	Wed. 3	... ...	22 ·50	19
7	Thur. 4	**Vaiśākha.** 7 ·00	23 ·58	20
8	Fri. 5	8 ·06	24 ·67	21
9	Sat. 6	9 ·13	25 ·77	22
10	Sun. 7	*Bahula.* 10 ·22	26 ·88	23
11	Mon. 8	11 ·30	27 ·99	24
12	Tues. 9	12 ·38	... ...	25
13	Wed. 10	13 ·45	1 ·09	26
14	Thur. 11	14 ·49	2 ·16	27
—**A** ·51	Fri. 12	3 ·22	28
1 ·52	Sat. 13	4 ·26	29
2 ·51	Sun. 14	5 ·28	1
3 ·48	Mon. 15	6 ·29	2
4 ·42	Tues. 16	7 ·27	3
Sukla. 5 ·34	Wed. 17	8 ·24	4
6 ·26	Thur. 18	9 ·19	5
7 ·18	Fri. 19	10 ·13	6
8 ·08 / 9 ·97	Sat. 20	11 ·07	7
10 ·87	Sun. 21	12 ·00 / 13 ·93	8
11 ·76	Mon. 22	14 ·86	9
Jyeshtha. 12 ·67	Tues. 23	15 ·80	10
13 ·59	Wed. 24	16 ·76	11
14 ·52	Thur. 25	17 ·72	12
P ·46	Fri. ○26	18 ·69	13
1 ·43	Sat. 27	19 ·69	14
2 ·41	Sun. 28	20 ·70	15
3 ·41	Mon. 29	21 ·75	16
4 ·42	Tues. 30	22 ·80	17
5 ·46	Wed. 31	23 ·88	18
	June.			
Sarvadhārin. **Mithuna—Āni.** 3	Thur. 1	*Bahula.* 6 ·54	24 ·97	19
4	Fri. 2	7 ·62	... ...	20
5	Sat. 3	8 ·70	25 ·07	21
6	Sun. 4	9 ·78	26 ·19	22
7	Mon. 5	10 ·85	27 ·29	23
8	Tues. 6	11 ·92	1 ·39	24
9	Wed. 7	12 ·97	2 ·47	25
10	Thur. 8	... ...	3 ·53	26
11	Fri. 9	13 ·00	4 ·58	27
12	Sat. ●10	14 ·00 / **A** ·99	5 ·61	28
13	Sun. 11	1 ·96	6 ·62	29
14	Mon. 12	2 ·90	7 ·60	—30
15	Tues. 13	3 ·83	8 ·57	1
16	Wed. 14	4 ·76	9 ·52	2
17	Thur. 15	5 ·66	10 ·47	3
18	Fri. 16	*Sukla.* 6 ·56	11 ·41	4
19	Sat. 17	7 ·46	12 ·34	5
20	Sun. 18	8 ·35	13 ·27	6
21	Mon. 19	9 ·25	14 ·20	7
22	Tues 20	10 ·16	15 ·14	8
23	Wed. 21	11 ·08	16 ·09	9
24	Thur. 22	12 ·00 / 13 ·94	17 ·05	10
25	Fri. 23	14 ·90	18 ·02	11
26	Sat. 24	**P** ·88	19 ·01	12
27	Sun. 25	**Āshādha.** 1 ·89	20 ·03	13
28	Mon. 26	2 ·91	21 ·08	14
29	Tues. 27	3 ·96	22 ·11	15
30	Wed 28	.. ...	23 ·18	16
—31	Thur. 29	4 ·02	24 ·27	17
1	Fri. 30	5 ·10	25 ·37	18

H. 1058 *Jamāda'l awwal.* — *H.* 1058 *Jamāda'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1648. **Kollam 824.** { **N. Malabar—Sep.** **S. Malabar—Aug.** **Hijra 1058.** **Vikrama 1705.**
A—Amāvāsyā. Commences Commences **Jan. 17.** **Bengal San. 1054.**
P—Paurnimā. **(N. Cycle) Hemalamba.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
2	Sat.	1	6 ·18	26 ·48	19				*Bahula.*								
3	Sun.	2	7 ·25	27 ·59	20		Fri.	1	9 ·47	6 ·58	*Sha'bān.* 22						
4	Mon.	3	8 ·33	1 ·69	21		Sat.	2	10 ·45	7 ·59	23		Wed.	1	11 ·28	12 ·04 / 13 ·97	24
5	Tues.	4	9 ·40	2 ·77	22		Sun.	3	11 ·40	8 ·57	24		Thur.	2	12 ·14	14 ·90	25
6	Wed.	5	10 ·45	3 ·84	23		Mon.	4	12 ·34	9 ·53	25				13 ·08		
7	Thur.	6	11 ·47	4 ·90	24		Tues.	5	13 ·26	10 ·48	26	4	Fri.	3	14 ·94	15 ·83	26
8	Fri.	7	12 ·49	5 ·92	25		Wed.	6	14 ·17	11 ·42	27						
9	Sat.	8	13 ·47	6 ·94	26				*Śukla.*			5	Sat.	4	—A ·85	16 ·77	27
10	Sun.	9	14 ·43	7 ·93	27				A ·07			6	Sun.	5	1 ·78	17 ·72	28
11	Mon.	10	—A ·38	5 ·90	28		Thur.	7	1 ·97	12 ·36	*H.* 1058 28	7	Mon.	6	2 ·71	18 ·68	—29
12	Tues.	11	1 ·31	9 ·86	—29						— 29	8	Tues.	7	3 ·65	19 ·65	1
13	Wed.	12	2 ·24	10 ·81	1		Fri.	8	2 ·87	13 ·29		9	Wed.	8	4 ·61	20 ·63	2
14	Thur.	13	3 ·15	11 ·75	2		Sat.	9	3 ·77	14 ·22	1	10	Thur.	9	5 ·60	21 ·65	3
			4 ·06				Sun.	10	4 ·68	15 ·15	2				*Śukla.*		
15	Fri.	14	5 ·95	12 ·68	3		Mon.	11	5 ·60	16 ·09	3	11	Fri.	10	6 ·61	22 ·68	4
16	Sat.	15	6 ·84	13 ·61	4		Tues.	12	6 ·53	17 ·04	4	12	Sat.	11	7 ·62	23 ·72	5
17	Sun.	16	7 ·74	14 ·55	5					18 ·01		13	Sun.	12	8 ·68	24 ·79	6
18	Mon.	17	8 ·65	15 ·48	6		Wed.	13	7 ·47	19 ·99	5	14	Mon.	13	9 ·75	25 ·88	7
19	Tues.	18	9 ·56	16 ·42	7				*Śukla.*			15	Tues.	14	10 ·83	26 ·98	8
20	Wed.	19	10 ·48	17 ·38	8		Thur.	14	8 ·42	20 ·90	6	16	Wed.	15	11 ·91	... ...	9
21	Thur.	20	11 ·43	18 ·35	9		Fri.	15	9 ·41	... ...	7	17	Thur.	16	12 ·99	27 ·09	10
22	Fri.	21	12 ·39	19 ·34	10		Sat.	16	10 ·40	21 ·00	8	18	Fri.	17	... ...	1 ·20	11
23	Sat.	22	13 ·37	20 ·35	11		Sun.	17	11 ·43	22 ·04	9	19	Sat.	18	13 ·08	2 ·30	12
24	Sun.	23	14 ·37	21 ·37	12		Mon.	18	12 ·48	23 ·11	10	20	Sun.	19	14 ·15	3 ·38	13
25	Mon.	24	P ·38	22 ·42	13		Tues.	19	13 ·54	24 ·19	11	21	Mon.	20	P ·21	4 ·46	14
26	Tues.	25	1 ·42	23 ·49	14		Wed.	20	14 ·61	25 ·28	12	22	Tues.	21	1 ·24	5 ·52	15
27	Wed.	26	2 ·48	24 ·57	15		Thur.	21	P ·70	26 ·38	13	23	Wed.	22	2 ·27	6 ·55	16
28	Thur.	27	3 ·56	25 ·68	16		Fri.	22	1 ·78	27 ·48	14	24	Thur.	23	3 ·25	7 ·56	17
29	Fri.	28	4 ·65	26 ·78	17		Sat.	23	2 ·86	1 ·59	15	25	Fri.	24	4 ·22	8 ·55	18
30	Sat.	29	5 ·74	27 ·89	18		Sun.	24	3 ·94	2 ·69	16	26	Sat.	25	5 ·17	9 ·53	19
31	Sun.	30	6 ·81	1 ·99	19				*Bahula.*			27	Sun.	26	6 ·11	10 ·49	20
—32	Mon.	31	7 ·87	... ...	20		Mon.	25	4 ·99	3 ·77	17				7 ·04		
							Tues.	26	... ...	4 ·84	18	28	Mon.	27	8 ·95	11 ·44	21
	Aug.						Wed.	27	5 ·02	5 ·88	19	29	Tues.	28	9 ·86	12 ·38	22
							Thur.	28	6 ·04	6 ·91	20	—30	Wed.	29	10 ·76	13 ·31	23
1	Tues.	1	8 ·82	2 ·08	21		Fri.	29	7 ·03	7 ·91	21	1	Thur.	30	11 ·65	14 ·24	24
2	Wed.	2	9 ·96	3 ·13	22				8 ·00								
3	Thur.	3	10 ·98	4 ·22	23		Sat.	30	9 ·96	8 ·00	22		**Dec.**				
4	Fri.	4	11 ·96	5 ·25	24												
5	Sat.	5	12 ·93	6 ·26	25		**Oct.**					2	Fri.	1	12 ·56	15 ·17	25
6	Sun.	6	13 ·88	7 ·25	26							3	Sat.	2	13 ·47	16 ·11	26
7	Mon.	7	14 ·82	8 ·24	27	1	Sun.	1	10 ·90	9 ·86	23	4	Sun.	3	14 ·40	17 ·05	27
8	Tues.	8	—A ·74	9 ·20	28	2	Mon.	2	11 ·82	10 ·82	24				*Bahula.*	18 ·01 / 19 ·98	
9	Wed.	9	1 ·64	10 ·15	29	3	Tues.	3	12 ·73	11 ·76	25	5	Mon.	4	—A ·33		28
10	Thur.	10	2 ·54	11 ·08	—30	4	Wed.	4	13 ·63	12 ·70	26	6	Tues.	5	1 ·29	20 ·97	29
				12 ·01		5	Thur.	5	14 ·54	13 ·63	27	7	Wed.	6	2 ·25	21 ·97	—30
11	Fri.	11	3 ·44	13 ·95	1	6	Fri.	6	—A ·43	14 ·56	28	8	Thur.	7	3 ·23	22 ·99	1
12	Sat.	12	4 ·35	14 ·88	2	7	Sat.	7	1 ·33	15 ·49	29	9	Fri.	8	4 ·25	... ...	2
13	Sun.	13	5 ·25	15 ·82	3	8	Sun.	8	2 ·24	16 ·43	—30	10	Sat.	9	5 ·27	23 ·03	3
14	Mon.	14	6 ·15	16 ·76	4	9	Mon.	9	3 ·16	17 ·38	1	11	Sun.	10	6 ·38	24 ·10	4
			7 ·06			10	Tues.	10	4 ·10	18 ·34	2	12	Mon.	11	7 ·39	25 ·18	5
15	Tues.	15	8 ·99	17 ·71	5	11	Wed.	11	5 ·04	19 ·32	3	13	Tues.	12	8 ·47	26 ·28	6
16	Wed.	16	9 ·93	18 ·68	6				*Śukla.*			14	Wed.	13	9 ·56	27 ·39	7
17	Thur.	17	10 ·89	19 ·67	7	12	Thur.	12	6 ·01 / 7 ·99	20 ·31	4	15	Thur.	14	10 ·65	1 ·49	8
18	Fri.	18	11 ·88	20 ·67	8							16	Fri.	15	11 ·74	2 ·60	9
19	Sat.	19	12 ·87	21 ·69	9	13	Fri.	13	... ...	21 ·32	5	17	Sat.	16	12 ·81	3 ·69	10
20	Sun.	20	13 ·89	22 ·73	10	14	Sat.	14	8 ·00	22 ·36	6	18	Sun.	17	13 ·86	4 ·77	11
21	Mon.	21	14 ·93	23 ·79	11	15	Sun.	15	9 ·01	23 ·41	7	19	Mon.	18	14 ·89	5 ·83	12
22	Tues.	22	P ·99	24 ·88	12	16	Mon.	16	10 ·06	24 ·49	8	20	Tues.	19	P ·91	6 ·87	13
23	Wed.	23	... ...	25 ·98	13	17	Tues.	17	11 ·13	25 ·58	9	21	Wed.	20	1 ·89	7 ·88	14
24	Thur.	24	1 ·07	... ..	14	18	Wed.	18	12 ·20	26 ·68	10	22	Thur.	21	2 ·87	8 ·88	15
25	Fri.	25	2 ·17	26 ·08	15	19	Thur.	19	13 ·28	27 ·79	11	23	Fri.	22	3 ·82	9 ·86	16
26	Sat.	26	3 ·25	27 ·19	16	20	Fri.	20	14 ·37	1 ·90	12	24	Sat.	23	4 ·75	10 ·83	17
27	Sun.	27	4 ·33	1 ·29	17	21	Sat.	21	P ·46	... ...	13	25	Sun.	24	5 ·68	11 ·78	18
28	Mon.	28	5 ·39	2 ·39	18	22	Sun.	22	1 ·53	2 ·00	14	26	Mon.	25	6 ·59	12 ·71	19
29	Tues.	29	6 ·43	3 ·47	19	23	Mon.	23	2 ·58	3 ·08	15	27	Tues.	26	7 ·50	13 ·65	20
30	Wed.	30	7 ·47	4 ·53	20	24	Tues.	24	3 ·61	4 ·15	16	28	Wed.	27	8 ·40	14 ·59	21
—31	Thur.	31	8 ·49	5 ·57	21	25	Wed.	25	4 ·63	5 ·20	17	—29	Thur.	28	9 ·31	15 ·52	22
						26	Thur.	26	5 ·63	6 ·23	18	1	Fri.	29	10 ·21	16 ·45	23
						27	Fri.	27	6 ·60	7 ·24	19	2	Sat.	30	11 ·11	17 ·39	24
						28	Sat.	28	7 ·56	8 ·22	20				12 ·04		
						29	Sun.	29	8 ·50	9 ·19	21	3	Sun.	31	13 ·98	18 ·34	25
						—30	Mon.	30	9 ·42	10 ·15	22						
						1	Tues.	31	10 ·33	11 ·10	23						

Sarvadhārin. **Karkaṭaka—Ādi.** *Śrāvaṇa.* *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśīrsha.* *Pausha.*

Sarvadhārin. **Simha—Āvaṇi.** *Bhādrapada.* *Āśvina.* *Kārttika.* *Mārgaśīrsha.* *Pausha.* *Māgha.*

Sarvadhārin. **Kanyā—Puraṭṭāsi.** *Āśvina.* *Kārttika.* *Mārgaśīrsha.* *Pausha.* *Māgha.* *Phālguna.*

Sarvadhārin. **Tulā—Aippasi.** *Kārttika.* *Mārgaśīrsha.* *Pausha.* *Māgha.* *Phālguna.* *Chaitra.*

Sarvadhārin. **Vṛśchika—Kārttigai.** *Mārgaśīrsha.* *Pausha.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.*

Sarvadhārin. **Dhanus—Mārgaḷi.** *Pausha.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.* *Jyesh.*

12. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1649. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·67.** **Śaka 1571.** **Kaliyuga 4750.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·58.** **(S. Cycle) Virodhin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
4	Mon. 1	14 ·93	19 ·31	26	4	Thur. 1	13 ·14	... ..	26	3	Tues. 1	—**A** ·62	2 ·10	28
5	Tues. 2	—**A** ·89	20 ·29	27	5	Fri. 2	14 ·18	24 ·03	27	4	Wed. 2	1 ·70	3 ·20	—29
6	Wed. 3	1 ·89	21 ·29	28	6	Sat. 3	—**A** ·23	25 ·10	28	5	Thur. 3	2 ·76	4 ·30	1
7	Thur. 4	2 ·88	22 ·31	—29	7	Sun. 4	1 ·30	26 ·18	—29	6	Fri. 4	3 ·81	5 ·38	2
8	Fri. 5	3 ·92	23 ·34	1	8	Mon. 5	2 ·37	27 ·28	1	7	Sat. 5	4 ·83	6 ·44	3
9	Sat. 6	4 ·97	24 ·40	2	9	Tues. 6	3 ·46	1 ·40	2	8	Sun. 6	5 ·84	7 ·48	4
10	Sun. 7	*Sukla.*	25 ·49	3	10	Wed. 7	4 ·54	2 ·50	3	9	Mon. 7	6 ·82	8 ·50	5
11	Mon. 8	5 ·05	26 ·58	4	11	Thur. 8	5 ·62	3 ·60	4	10	Tues. 8	7 ·79	9 ·50	6
12	Tues. 9	6 ·13	27 ·69	5	12	Fri. 9	6 ·68	4 ·69	5	11	Wed. 9	8 ·73	10 ·49	7
13	Wed. 10	7 ·21	1 ·79	6	13	Sat. 10	7 ·73	5 ·76	6	12	Thur. 10	9 ·66	11 ·45	8
14	Thur. 11	8 ·31	2 ·90	7	14	Sun. 11	8 ·77	6 ·82	7	13	Fri. 11	10 ·58	12 ·41	9
15	Fri. 12	9 ·39	... ...	8	15	Mon. 12	9 ·77	7 ·85	8	14	Sat. 12	11 ·48	13 ·35	10
16	Sat. 13	10 ·45	3 ·00	9	16	Tues. 13	10 ·76	8 ·86	9	15	Sun. 13	12 ·39	14 ·28	11
17	Sun. 14	11 ·50	4 ·08	10	17	Wed. 14	11 ·72	9 ·85	10	16	Mon. 14	13 ·28	15 ·22	12
18	Mon. 15	12 ·53	5 ·14	11	18	Thur. 15	12 ·67	10 ·82	11	17	Tues. 15	14 ·19	16 ·15	13
19	Tues. 16	13 ·55	6 ·18	12	19	Fri. 16	13 ·60	11 ·78	12	18	Wed ○ 16	P ·08	17 ·08	14
20	Wed. 17	14 ·53	7 ·20	13	20	Sat. 17	14 ·52	12 ·73	13			1 ·98		
21	Thur. 18	P ·52	8 ·21	14	21	Sun. 18	P ·43	13 ·67	14	19	Thur. 17	2 ·90	18 ·02	15
22	Fri. 19	1 ·46	9 ·19	15	22	Mon. 19	1 ·32	14 ·66	15				19 ·97	
23	Sat. 20	2 ·39	10 ·16	16	23	Tues. 20	2 ·22	15 ·53	16	20	Fri. 18	3 ·84	20 ·94	16
24	Sun. 21	3 ·31	11 ·11	17	24	Wed. 21	3 ·12	16 ·46	17	21	Sat. 19	4 ·79	21 ·91	17
25	Mon. 22	4 ·23	12 ·05	18	25	Thur. 22	4 ·04	17 ·41	18	22	Sun. 20	5 ·75	22 ·91	18
26	Tues. 23	5 ·13	13 ·00	19			5 ·94			23	Mon. 21	6 ·74	23 ·92	19
			14 ·92		26	Fri. 23	6 ·86	18 ·35	19	24	Tues. 22	7 ·73	24 ·96	20
27	Wed. 24	6 ·03	15 ·85	20	27	Sat. 24	7 ·79	19 ·30	20	25	Wed. 23	8 ·76	... ...	21
		7 ·93			28	Sun. 25	8 ·75	20 ·27	21	26	Thur. 24	9 ·82	25 ·02	22
28	Thur. 25	8 ·84	16 ·79	21	29	Mon. 26	9 ·72	21 ·25	22	27	Fri. 25	10 ·88	26 ·10	23
—29	Fri. 26	9 ·75	17 ·72	22	30	Tues. 27	10 ·70	22 ·27	23	28	Sat. 26	11 ·95	27 ·19	24
1	Sat. 27	10 ·67	18 ·67	23	—31	Wed. 28	11 ·71	23 ·29	24	29	Sun. 27	... ...	1 ·29	25
2	Sun. 28	11 ·62	19 ·64	24	1	Thur. 29	12 ·75	24 ·34	25	30	Mon. 28	12 ·04	2 ·40	26
3	Mon. 29	12 ·57	20 ·62	25	2	Fri. 30	13 ·80	25 ·40	26	—31	Tues. 29	13 ·13	3 ·51	27
4	Tues. 30	13 ·53	21 ·61	26	3	Sat. 31	14 ·86	26 ·48	27	1	Wed. 30	14 ·20	4 ·61	28
5	Wed. 31	14 ·52	22 ·62	27						2	Thur. 31	—**A** ·25	5 ·69	29
	Feb.					**April.**					**June.**			
6	Thur. 1	—**A** ·52	23 ·65	28	4	Sun. 1	—**A** ·93	27 ·59	28	3	Fri. 1	1 ·30	6 ·75	—30
7	Fri. 2	1 ·56	24 ·72	29	5	Mon. 2	... ...	1 ·70	29	4	Sat. 2	2 ·32	7 ·80	1
8	Sat. 3	2 ·62	25 ·79	—30	6	Tues. 3	1 ·02	2 ·80	—30	5	Sun. 3	3 ·33	8 ·82	2
9	Sun. 4	3 ·69	26 ·88	1	7	Wed. 4	2 ·11	3 ·90	1	6	Mon. 4	4 ·31	9 ·84	3
10	Mon. 5	4 ·76	27 ·98	2	8	Thur. 5	3 ·19	4 ·99	2	7	Tues. 5	5 ·28	10 ·82	4
11	Tues. 6	5 ·84	... ...	3	9	Fri. 6	4 ·25	... ...	3	8	Wed. 6	6 ·22	11 ·79	5
12	Wed. 7	6 ·94	1 ·09	4	10	Sat. 7	5 ·30	5 ·08	4	9	Thur. 7	7 ·16	12 ·74	6
13	Thur. 8	... ...	2 ·20	5	11	Sun. 8	6 ·30	6 ·13	5	10	Fri. 8	8 ·07	13 ·68	7
14	Fri. 9	7 ·02	3 ·30	6	12	Mon. 9	7 ·32	7 ·17	6			9 ·98		
15	Sat. 10	8 ·09	4 ·39	7	13	Tues. 10	8 ·31	8 ·18	7	11	Sat. 9	10 ·88	14 ·63	8
16	Sun. 11	9 ·14	5 ·45	8	14	Wed. 11	9 ·27	9 ·18	8	12	Sun. 10	11 ·77	15 ·56	9
17	Mon. 12	10 ·16	6 ·50	9	15	Thur. 12	10 ·22	10 ·15	9	13	Mon. 11	12 ·68	16 ·49	10
18	Tues. 13	11 ·17	7 ·53	10	16	Fri. 13	11 ·14	11 ·12	10	14	Tues. 12	13 ·57	17 ·42	11
19	Wed. 14	12 ·17	8 ·54	11	17	Sat. 14	12 ·06	12 ·07	11	15	Wed. 13	14 ·48	18 ·35	12
20	Thur. 15	13 ·14	9 ·52	12			13 ·97			16	Thur. 14	P ·40	19 ·31	13
21	Fri. 16	14 ·07	10 ·49	13	18	Sun. 15	14 ·88	13 ·01	12	17	Fri. 15	1 ·32	20 ·27	14
22	Sat. 17	P ·01	11 ·45	14				14 ·94		18	Sat. 16	2 ·27	21 ·24	15
		1 ·93			19	Mon. 16	P ·77	15 ·87	13	19	Sun. 17	3 ·23	22 ·23	16
23	Sun. 18	2 ·84	12 ·40	15	20	Tues. 17	1 ·67	16 ·81	14	20	Mon. 18	4 ·21	23 ·24	17
24	Mon. 19	3 ·75	13 ·33	16	21	Wed. 18	2 ·58	17 ·74	15	21	Tues. 19	5 ·21	24 ·27	18
25	Tues. 20	4 ·66	14 ·27	17	22	Thur. 19	3 ·48	18 ·68	16	22	Wed. 20	6 ·25	25 ·33	19
26	Wed. 21	5 ·55	15 ·19	18	23	Fri. 20	4 ·40	19 ·63	17	23	Thur. 21	7 ·29	26 ·40	20
27	Thur. 22	6 ·45	16 ·12	19	24	Sat. 21	5 ·33	20 ·60	18	24	Fri. 22	8 ·35	27 ·49	21
28	Fri. 23	7 ·36	17 ·06	20	25	Sun. 22	6 ·28	21 ·59	19	25	Sat. 23	9 ·43	1 ·59	22
29	Sat. 24	8 ·28	18 ·01	21	26	Mon. 23	7 ·25	22 ·59	20	26	Sun. 24	10 ·51	2 ·69	23
			19 ·97		27	Tues. 24	8 ·23	23 ·61	21	27	Mon. 25	11 ·59	3 ·81	24
—30	Sun. 25	9 ·27	20 ·94	22	28	Wed. 25	9 ·24	24 ·65	22	28	Tues. 26	12 ·66	4 ·91	25
1	Mon. 26	10 ·18	21 ·93	23	29	Thur. 26	10 ·27	25 ·71	23	29	Wed. 27	13 ·73	... ...	26
2	Tues. 27	11 ·15	22 ·94	24	30	Fri. 27	11 ·32	26 ·80	24	30	Thur. 28	14 ·77	5 ·00	27
3	Wed. 28	12 ·13	23 ·98	25	—31	Sat. 28	12 ·38	27 ·89	25	31	Fri. 29	—**A** ·80	6 ·06	28
					1	Sun. 29	13 ·46	1 ·99	26	—32	Sat. 30	1 ·81	7 ·11	29
					2	Mon. 30	14 ·55	... ...	27					

Sarvadhārin. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *Sarvadhārin.* **Kumbha—Māsi.** *Sukla.* **Phālguna.** *Bahula.* *Sarvadhārin.* **Mīna—Pāṅguni.** *Virodhin.* **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.* *Virodhin.* **Vrishabha—Vaigāsi.** *Sukla.* **Vaisākha.** *Bahula.* *Virodhin.* **Mithuna—Āni.** *Sukla.* **Adhika Āshādha.** *Bahula.*

H. 1059 *Muharram.* *H.* 1059 *Safar.* *H.* 1059 *Rabi-ul awwal.* *H.* 1059 *Rabi-ul ākhir.* *H.* 1059 *Jamāda'l awwal.* *H.* 1059 *Jamāda'l ākhir.*

Naksh:—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1649. **Kollam 825,** { **N. Malabar—Sep.** **Hijra** { **1059.** Commences **Jan. 5.** **Vikrama 1706.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** **1060.** Do. **Dec. 25.** **Bengal San. 1055.**
P—Paurnimā. **(N. Cycle) Vilamba.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Sun.	1	2 ·78	8 ·15	1	1	Sat.	1	5 ·27	16 ·50	4	2	Thur.	1	*Śukla.* 8 ·90	23 ·85	6
2	Mon.	2	3 ·75	9 ·16	2	2	Sun.	2	6 ·17	17 ·44	5	3	Fri.	2	9 ·89	24 ·86	7
3	Tues.	3	4 ·70	10 ·15	3	3	Mon.	3	7 ·07	18 ·37	6	4	Sat.	3	10 ·89	25 ·90	8
4	Wed.	4	5 ·64	11 ·12	4				8 ·98			5	Sun.	4	11 ·92	26 ·94	9
5	Thur.	5	6 ·54	12 ·08	5	4	Tues.	4	9 ·90	19 ·31	7	6	Mon.	5	12 ·97	... ...	10
6	Fri.	6	7 ·46	13 ·03	6	5	Wed.	5	10 ·83	20 ·26	8	7	Tues.	6	... ...	27 ·01	11
				14 ·97		6	Thur.	6	11 ·78	21 ·22	9	8	Wed.	7	13 ·04	1 ·10	12
7	Sat.	7	8 ·36	15 ·90	7	7	Fri.	7	12 ·74	22 ·21	10	9	Thur.	8	14 ·12	2 ·19	13
8	Sun.	8	9 ·26	16 ·83	8	8	Sat.	8	13 ·71	23 ·21	11	10	Fri. ○	9	P ·21	3 ·30	14
9	Mon.	9	10 ·15	17 ·76	9	9	Sun.	9	14 ·71	24 ·22	12	11	Sat.	10	1 ·30	4 ·42	15
10	Tues.	10	11 ·05	18 ·69	10	10	Mon.	10	P ·74	25 ·26	13	12	Sun.	11	2 ·38	5 ·52	16
			12 ·96			11	Tues.	11	1 ·79	26 ·32	14	13	Mon.	12	3 ·45	6 ·60	17
11	Wed.	11	13 ·88	19 ·64	11	12	Wed.	12	2 ·85	27 ·40	15	14	Tues.	13	4 ·50	7 ·68	18
12	Thur.	12	14 ·80	20 ·60	12	13	Thur.	13	3 ·93	1 ·50	16	15	Wed.	14	5 ·54	8 ·73	19
13	Fri.	13	P ·75	21 ·59	13	14	Fri.	14	.. ..	2 ·60	17	16	Thur.	15	6 ·55	9 ·77	20
14	Sat.	14	1 ·72	22 ·55	14	15	Sat.	15	4 ·01	3 ·70	18	17	Fri.	16	7 ·53	10 ·78	21
15	Sun.	15	2 ·69	23 ·56	15	16	Sun.	16	5 ·09	4 ·81	19	18	Sat.	17	8 ·50	11 ·77	22
16	Mon.	16	3 ·70	24 ·59	16	17	Mon.	17	6 ·17	5 ·91	20	19	Sun.	18	9 ·46	12 ·74	23
17	Tues.	17	4 ·73	25 ·64	17	18	Tues.	18	7 ·25	... ...	21	20	Mon.	19	10 ·40	13 ·70	24
18	Wed.	18	5 ·77	26 ·71	18	19	Wed.	19	8 ·30	6 ·00	22	21	Tues.	20	11 ·32	14 ·66	25
19	Thur.	19	6 ·83	27 ·79	19	20	Thur.	20	9 ·33	7 ·06	23	22	Wed.	21	12 ·24	15 ·60	26
20	Fri.	20	7 ·90	1 ·89	20	21	Fri.	21	10 ·35	8 ·10	24	23	Thur.	22	13 ·14	16 ·53	27
21	Sat.	21	8 ·99	... ...	21	22	Sat.	22	11 ·33	9 ·12	25	24	Fri.	23	14 ·04	17 ·46	28
22	Sun.	22		2 ·00	22	23	Sun.	23	12 ·30	10 ·12	26				A ·94		
23	Mon.	23	9 ·06	3 ·11	23	24	Mon.	24	13 ·26	11 ·12	27	25	Sat.	24	1 ·84	18 ·39	29
24	Tues.	24	10 ·13	4 ·21	24	25	Tues.	25	14 ·19	12 ·08	28	26	Sun.	25	2 ·76	19 ·33	—30
25	Wed.	25	11 ·20	5 ·30	25	26	Wed.	26	--A ·11	13 ·04	29	27	Mon.	26	3 ·67	20 ·27	1
26	Thur.	26	12 ·25	6 ·37	26					14 ·98		28	Tues.	27	4 ·61	21 ·23	2
27	Fri.	27	13 ·29	7 ·44	27	27	Thur.	27	1 ·02	15 ·91	—30	29	Wed.	28	5 ·57	22 ·19	3
28	Sat.	28	14 ·29	8 ·47	28				2 ·93			—30	Thur.	29	6 ·53	23 ·18	4
29	Sun.	29	--A ·28	9 ·48	29	28	Fri.	28	3 ·83	16 ·85	1	1	Fri.	30	7 ·52	24 ·18	5
30	Mon.	30	1 ·24	10 ·47	—30	29	Sat.	29	4 ·74	17 ·78	2						
—31	Tues.	31	2 ·19	11 ·45	1	—30	Sun.	30	5 ·63	18 ·71	3						
	Aug.						**Oct.**						**Dec.**				
1	Wed.	1	3 ·13	12 ·41	2	1	Mon.	1	6 ·54	19 ·65	4	2	Sat.	1	8 ·52	25 ·21	6
2	Thur.	2	4 ·04	13 ·36	3	2	Tues.	2	7 ·46	20 ·60	5	3	Sun.	2	9 ·57	26 ·25	7
			5 ·96			3	Wed.	3	8 ·39	21 ·56	6	4	Mon.	3	10 ·62	27 ·32	8
3	Fri.	3	6 ·86	14 ·30	4	4	Thur.	4	9 ·34	22 ·54	7	5	Tues.	4	11 ·69	1 ·40	9
4	Sat.	4	7 ·75	15 ·23	5	5	Fri.	5	10 ·30	23 ·53	8	6	Wed.	5	12 ·77	2 ·49	10
5	Sun.	5	8 ·65	16 ·16	6	6	Sat.	6	11 ·29	24 ·54	9	7	Thur.	6	13 ·86	3 ·60	11
6	Mon.	6	9 ·56	17 ·09	7	7	Sun.	7	12 ·29	25 ·57	10	8	Fri.	7	14 ·94	4 ·71	12
				18 ·04		8	Mon.	8	13 ·31	26 ·64	11	9	Sat.	8	... ...	5 ·82	13
7	Tues.	7	10 ·46	19 ·98	8	9	Tues.	9	14 ·36	27 ·71	12	10	Sun.	9	P ·03	6 ·91	14
8	Wed.	8	11 ·38	20 ·93	9	10	Wed.	10	P ·41	1 ·80	13	11	Mon.	10	1 ·10	7 ·98	15
9	Thur.	9	12 ·30	21 ·90	10	11	Thur.	11	1 ·50	2 ·90	14	12	Tues.	11	2 ·14	... ...	16
10	Fri.	10	13 ·24	22 ·88	11	12	Fri.	12	2 ·59	... ...	15	13	Wed.	12	3 ·18	8 ·05	17
11	Sat.	11	14 ·21	23 ·89	12	13	Sat.	13	3 ·68	3 ·00	16	14	Thur.	13	4 ·19	9 ·09	18
12	Sun.	12	P ·19	24 ·91	13	14	Sun.	14	4 ·76	4 ·11	17	15	Fri.	14	5 ·18	10 ·10	19
13	Mon.	13	1 ·20	25 ·95	14	15	Mon.	15	5 ·83	5 ·22	18	16	Sat.	15	6 ·14	11 ·10	20
14	Tues.	14	2 ·21	... ...	15	16	Tues.	16	6 ·88	6 ·30	19	17	Sun.	16	7 ·10	12 ·08	21
15	Wed.	15	3 ·25	26 ·01	16	17	Wed.	17	7 ·91	7 ·37	20	18	Mon.	17	8 ·04	13 ·05	22
16	Thur.	16	4 ·32	27 ·09	17	18	Thur.	18	8 ·93	8 ·41	21				9 ·96	14 ·99	
17	Fri.	17	5 ·40	1 ·19	18	19	Fri.	19	9 ·91	9 ·44	22	19	Tues.	18	10 ·88	15 ·93	23
18	Sat.	18	6 ·48	2 ·30	19	20	Sat.	20	10 ·89	10 ·46	23	20	Wed.	19	11 ·78	16 ·87	24
19	Sun.	19	7 ·57	3 ·41	20	21	Sun.	21	11 ·85	11 ·44	24	21	Thur.	20	12 ·68	17 ·80	25
20	Mon.	20	8 ·64	4 ·51	21	22	Mon.	22	12 ·79	12 ·41	25	22	Fri.	21	13 ·58	18 ·74	26
21	Tues.	21	9 ·71	5 ·60	22	23	Tues.	23	13 ·70	13 ·37	26	23	Sat.	22	14 ·49	19 ·67	27
22	Wed.	22	10 ·76	6 ·69	23	24	Wed.	24	14 ·61	14 ·32	27	24	Sun.	23	—A ·40	20 ·61	28
23	Thur.	23	11 ·79	7 ·75	24	25	Thur.	25	—A ·52	15 ·26	28	25	Mon.	24	1 ·32	21 ·56	—29
24	Fri.	24	12 ·80	8 ·79	25	26	Fri.	26	1 ·42	16 ·19	—29	26	Tues.	25	2 ·26	22 ·52	1
25	Sat.	25	13 ·79	9 ·80	26	27	Sat.	27	2 ·32	17 ·12	1	27	Wed.	26	3 ·21	23 ·50	2
26	Sun.	26	14 ·75	10 ·80	27	28	Sun.	28	3 ·22	18 ·05	2	28	Thur.	27	4 ·18	24 ·51	3
27	Mon.	27	—A ·71	11 ·78	28					19 ·98		—29	Fri.	28	5 ·17	25 ·53	4
28	Tues.	28	1 ·64	12 ·75	—29	29	Mon.	29	4 .14	20 ·93	3	1	Sat.	29	6 ·18	26 ·56	5
29	Wed.	29	2 ·56	13 ·70	1	—30	Tues.	30	5 .05	21 ·89	4	2	Sun.	30	7 ·21	27 ·62	6
30	Thur.	30	3 ·47	14 ·64	2				6 ·99			3	Mon.	31	8 ·26	1 ·70	7
—31	Fri.	31	4 ·37	15 ·57	3	1	Wed.	31	7 ·94	22 ·86	5						

Virodhin. **Karkataka—Ādi.** *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.*

Virodhin. **Simha—Āvaṇi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Virodhin. **Kanyā—Puraṭṭāśi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Virodhin. **Tulā—Aippaśi.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Virodhin. **Vṛśchika—Kārttigai.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

Virodhin. **Dhanus—Mārgali.** *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

H. 1059 *Rajab.* *H.* 1059 *Ramazān.* *H.* 1059 *Shawwāl.* *H.* 1059 *Ẓi-l-ka'da.* *H.* 1059 *Ẓi-l-ḥijja.*

H. 1059 *Ṣha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1650. **Mesha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 28·93.** **Śaka 1572.** **Kaliyuga 4751.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·84** **(S. Cycle) Vikṛita.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
4	Tues.	1	9 ·34	2 ·80	8	3	Fri.	1	9 ·94	6 ·82	8	3	Wed.	1	10 ·14	12 ·72	10
5	Wed.	2	10 ·42	3 ·91	9	4	Sat.	2	10 ·99	7 ·91	9	4	Thur.	2	11 ·10	13 ·70	11
6	Thur.	3	11 ·52	... ...	10	5	Sun.	3	... ...	8 ·98	10	5	Fri.	3	12 ·04 / 13 ·97	14 ·67	12
7	Fri.	4	12 ·60	4 ·02	11	6	Mon.	4	11 ·04	... ...	11	6	Sat.	4	14 ·89	15 ·63	13
8	Sat.	5	13 ·68	5 ·12	12	7	Tues.	5	12 ·06	9 ·03	12	7	Sun. ○	5	ℙ ·80	16 ·57	14
9	Sun.	6	14 ·74	6 ·21	13	8	Wed.	6	13 ·07	10 ·06	13	8	Mon.	6	1 ·69	17 ·50	15
10	Mon.	7	ℙ ·79	7 ·30	14	9	Thur.	7	14 ·05	11 ·08	14	9	Tues.	7	2 ·60	18 ·43	16
11	Tues.	8	1 ·83	8 ·36	15	10	Fri.	8	ℙ ·02 / 1 ·96	12 ·07	15	10	Wed.	8	3 ·49	19 ·37	17
12	Wed.	9	2 ·83	9 ·40	16							11	Thur.	9	4 ·39	20 ·30	18
13	Thur.	10	3 ·88	10 ·42	17	11	Sat.	9	2 ·89	18 ·04	16	12	Fri.	10	5 ·30	21 ·24	19
14	Fri.	11	4 ·79	11 ·42	18	12	Sun	10	3 ·82	14 ·00 / 15 ·94	17	13	Sat.	11	6 ·22	22 ·19	20
15	Sat.	12	5 ·75	12 ·41	19							14	Sun.	12	7 ·16	23 ·15	21
16	Sun.	13	6 ·68	13 ·38	20	13	Mon.	11	4 ·72	16 ·89	18	15	Mon.	13	8 ·11	24 ·12	22
17	Mon.	14	7 ·60	14 ·33	21	14	Tues.	12	5 ·62	17 ·82	19	16	Tues.	14	9 ·08	25 ·13	23
18	Tues.	15	8 ·50	15 ·27	22	15	Wed.	13	6 ·52	18 ·75	20	17	Wed.	15	10 ·05	26 ·14	24
19	Wed.	16	9 ·40	16 ·20	23	16	Thur.	14	7 ·42	19 ·68	21	18	Thur.	16	11 ·06	27 ·18	25
20	Thur.	17	10 ·31	17 ·13	24	17	Fri.	15	8 ·33	20 ·62	22	19	Fri.	17	12 ·10	1 ·23	26
21	Fri.	18	11 ·21	18 ·07	25	18	Sat.	16	9 ·24	21 ·57	23	20	Sat.	18	13 ·15	2 ·31	27
22	Sat.	19	12 ·12	19 ·01 / 20 ·94	26	19	Sun.	17	10 ·16	22 ·52	24	21	Sun.	19	14 ·21	3 ·41	28
23	Sun.	20	13 ·08 / 14 ·96	21 ·89	27	20	Mon.	18	11 ·09	23 ·49	25	22	Mon.	20	A ·28	4 ·51	29
24	Mon.	21	A ·90	22 ·85	28	21	Tues.	19	12 ·05	24 ·47	26	23	Tues.	21	1 ·37	5 ·62	30
25	Tues.	22	1 ·85	23 ·84	29	22	Wed.	20	13 ·02	25 ·48	27	24	Wed.	22	2 ·46	6 ·72	1
26	Wed.	23	2 ·82	24 ·83	30	23	Thur.	21	14 ·01	26 ·51	28	25	Thur.	23	3 ·53	7 ·82	2
27	Thur.	24	3 ·80	25 ·84	1	24	Fri.	22	A ·03	27 ·56	29	26	Fri.	24	4 ·59	8 ·91	3
28	Fri.	25	4 ·82	26 ·88	2	25	Sat.	23	1 ·06	1 ·62	30	27	Sat.	25	5 ·63	9 ·97	4
29	Sat.	26	5 ·86	27 ·93	3	26	Sun.	24	2 ·11	2 ·70	1	28	Sun.	26	6 ·66	... ...	5
30	Sun.	27	6 ·91	... ...	4	27	Mon.	25	3 ·18	3 ·80	2	29	Mon.	27	7 ·65	10 ·02	6
1	Mon.	28	7 ·98	1 ·01	5	28	Tues.	26	4 ·26	4 ·91	3	30	Tues.	28	8 ·64	11 ·04	7
2	Tues.	29	... ...	2 ·10	6	29	Wed.	27	5 ·34	... ...	4	31	Wed.	29	9 ·60	12 ·05	8
3	Wed.	30	8 ·06	3 ·20	7	30	Thur.	28	6 ·44	5 ·02	5	1	Thur.	30	10 ·55	13 ·04	9
4	Thur.	31	9 ·15	4 ·31	8	31	Fri.	29	7 ·51	6 ·12	6	2	Fri.	31	11 ·47	14 ·01 / 15 ·96	10
		Feb.						**April.**						**June.**			
5	Fri.	1	10 ·23	5 ·42	9	1	Mon.	1	8 ·57	7 ·21	7	3	Sat.	1	12 ·29	16 ·90	11
6	Sat.	2	11 ·32	6 ·52	10	2	Tues.	2	9 ·61	8 ·29	8	4	Sun.	2	13 ·30	17 ·84	12
7	Sun.	3	12 ·38	7 ·61	11	3	Wed.	3	10 ·62	9 ·34	9	5	Mon.	3	14 ·19	18 ·78	13
8	Mon.	4	13 ·44	8 ·67	12	4	Thur.	4	11 ·63	10 ·39	10	6	Tues.	4	ℙ ·06 / 1 ·99	19 ·71	14
9	Tues.	5	14 ·46	9 ·72	12	5	Fri.	5	12 ·61	11 ·40	11	7	Wed.	5	2 ·89	20 ·64	15
10	Wed.	6	ℙ ·47	10 ·74	14	6	Sat.	6	13 ·58	12 ·40	12	8	Thur.	6	3 ·79	21 ·57	16
11	Thur.	7	1 ·45	11 ·75	15	7	Sun.	7	ℙ ·45	13 ·37	13	9	Fri.	7	4 ·71	22 ·52	17
12	Fri.	8	2 ·42	12 ·74	16	8	Mon.	8	1 ·37	14 ·33	14	10	Sat.	8	5 ·65	23 ·48	18
13	Sat.	9	3 ·37	13 ·71	17	9	Tues.	9	2 ·28	15 ·29	15	11	Sun.	9	6 ·58	24 ·46	19
14	Sun.	10	4 ·29	14 ·66	18	10	Wed.	10	3 ·18	16 ·23	16	12	Mon.	10	7 ·56	25 ·45	20
15	Mon.	11	5 ·21	15 ·61	19	11	Thur.	11	4 ·08 / 5 ·98	17 ·16 / 18 ·09	17 / 18	13	Tues.	11	8 ·54	26 ·46	21
16	Tues.	12	6 ·12	16 ·54	20							14	Wed.	12	9 ·55	27 ·49	22
17	Wed.	13	7 ·03 / 8 ·94	17 ·48	21	12	Fri.	12	6 ·88	19 ·02 / 20 ·96	19	15	Thur.	13	10 ·57	1 ·54	23
18	Thur.	14	9 ·84	18 ·41	22	13	Sat.	13	7 ·79	21 ·90	20	16	Fri.	14	11 ·63	2 ·62	24
19	Fri.	15	10 ·74	19 ·34	23	14	Sun.	14	8 ·70	22 ·85	21	17	Sat.	15	12 ·68	3 ·71	25
20	Sat.	16	11 ·65	20 ·28	24	15	Mon.	15	9 ·64	23 ·82	22	18	Sun.	16	13 ·75	4 ·81	26
21	Sun.	17	12 ·57	21 ·23	25	16	Tues.	16	10 ·59	24 ·80	23	19	Mon.	17	14 ·83	5 ·92	27
22	Mon.	18	13 ·51	22 ·19	26	17	Wed.	17	11 ·56	25 ·81	24	20	Tues.	18	A ·92	... ...	28
23	Tues.	19	14 ·47	23 ·16	27	18	Thur.	18	12 ·55	26 ·83	25	21	Wed.	19	... ...	6 ·02	29
24	Wed.	20	A ·44	24 ·15	28	19	Fri.	19	13 ·56	27 ·87	26	22	Thur.	20	1 ·00	7 ·13	1
25	Thur.	21	1 ·42	25 ·16	29	20	Sat.	20	14 ·60	1 ·93	27	23	Fri.	21	2 ·06	8 ·22	2
26	Fri.	22	2 ·44	26 ·19	1	21	Sun.	21	A ·64	... ...	28	24	Sat.	22	3 ·11	9 ·28	3
27	Sat.	23	3 ·47	27 ·25	2	22	Mon.	22	1 ·71	2 ·01	29	25	Sun.	23	4 ·13	10 ·33	4
28	Sun.	24	4 ·53	1 ·32	3	23	Tues.	23	2 ·78	3 ·10	1	26	Mon.	24	5 ·13	11 ·36	5
29	Mon.	25	5 ·60	2 ·40	4	24	Wed.	24	3 ·87	4 ·21	2	27	Tues.	25	6 ·12	12 ·37	6
30	Tues.	26	6 ·68	3 ·50	5	25	Thur.	25	4 ·96	5 ·32	3	28	Wed.	26	7 ·08	13 ·36	7
1	Wed.	27	7 ·77	4 ·61	6	26	Fri.	26	... ...	6 ·42	4	29	Thur.	27	8 ·03 / 9 ·95	14 ·34	8
2	Thur.	28	8 ·86	5 ·72	7	27	Sat.	27	5 ·03	7 ·52	5	30	Fri.	28	10 ·87	15 ·29	9
						28	Sun.	28	6 ·09	8 ·59	6	31	Sat.	29	11 ·77	16 ·24	10
						29	Mon.	29	7 ·15	9 ·66	7	32	Sun.	30	12 ·68	17 ·17	11
						30	Tues.	30	8 ·16	10 ·70	8						
									9 ·16	11 ·72	9						

Virodhin. **Makara—Tai.** Śukla. Bahula. Virodhin. **Mina—Paṅguni.** Vikṛita. **Vṛishabha—Vaigāśi.** Vikṛita.
Virodhin. **Kumbha—Māśi.** Śukla. Bahula. Vikṛita. **Mēsha—Chittirai.** Śukla. Bahula. Vikṛita. **Mithuna—Āni.** Śukla. Bahula.

H. 1060 *Muharram.* H. 1060 *Ṣafar.* H. 1060 *Rabī-ul awwal.* H. 1060 *Rabī-ul ākhir.* H. 1060 *Jamāda'l awwal.* H. 1060 *Jamāda'l ākhir.* H. 1060 *Rajab.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1650. **Kollam 826,** { **N. Malabar—Sep.** **S. Malabar—Aug.** **Hijra 1061.** Commences **Dec. 15.** **Vikrama 1707.** **Bengal San. 1056.** **(N. Cycle) Vikārin.**

A—Amāvāsyā. Commences
P—Paurnimā.

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Vikṛita. **Karkataka—Ādi.** 1	Mon. 1	13 ·56	18 ·11	12
2	Tues. 2	14 ·46	19 ·04 } 20 ·97 }	13
3	Wed. 3	P ·37	22 ·91	14
4	Thur. 4	1 ·27	21 ·85	15
5	Fri. 5	2 ·19	23 ·82	16
6	Sat. 6	3 ·12	24 ·79	17
7	Sun. 7	4 ·07	25 ·77	18
8	Mon. 8	5 ·03	26 ·78	19
9	Tues. 9	6 ·01	27 ·80	20
10	Wed. 10	7 ·03	1 ·86	21
11	Thur. 11	8 ·05	2 ·93	22
12	Fri. 12	9 ·09	... ...	23
13	Sat. 13	10 ·15	3 ·01	24
14	Sun. 14	11 ·23	4 ·11	25
15	Mon. 15	12 ·31	5 ·21	26
16	Tues. 16	13 ·39	6 ·33	27
17	Wed. 17	14 ·47	7 ·43	28
18	Thur. 18	—A ·53	8 ·52	29
19	Fri. 19	1 ·59	9 ·59	—30
20	Sat. 20	2 ·61	10 ·65	1
21	Sun. 21	3 ·62	11 ·68	2
22	Mon. 22	4 ·59	12 ·70	3
23	Tues. 23	5 ·56	13 ·69	4
24	Wed. 24	6 ·50	14 ·67	5
25	Thur. 25	7 ·44	15 ·63	6
26	Fri. 26	8 ·36	16 ·58	7
27	Sat. 27	9 ·27	17 ·52	8
28	Sun. 28	10 ·17	18 ·45	9
29	Mon. 29	11 ·06 } 12 ·97 }	19 ·38	10
30	Tues. 30	13 ·86	20 ·31	11
—31	Wed. 31	14 ·76	21 ·25	12
	Aug.			
Vikṛita. **Simha—Avani.** 1	Thur. 1	P ·69	22 ·20	13
2	Fri. 2	1 ·62	23 ·15	14
3	Sat. 3	2 ·56	24 ·12	15
4	Sun. 4	3 ·52	25 ·10	16
5	Mon. 5	4 ·51	26 ·10	17
6	Tues. 6	5 ·52	27 ·13	18
7	Wed. 7	6 ·53	1 ·17	19
8	Thur. 8	7 ·59	2 ·23	20
9	Fri. 9	8 ·64	3 ·31	21
10	Sat. 10	9 ·73	4 ·41	22
11	Sun. 11	10 ·81	5 ·51	23
12	Mon. 12	11 ·90	6 ·63	24
13	Tues. 13	12 ·97	7 ·73	25
14	Wed. 14	... ...	8 ·82	26
15	Thur. 15	13 ·03	9 ·90	27
16	Fri. 16	14 ·08	10 ·96	28
17	Sat. 17	—A ·10	... ...	—29
18	Sun. 18	1 ·12	11 ·01	1
19	Mon. 19	2 ·10	12 ·02	2
20	Tues. 20	3 ·07	13 ·02	3
21	Wed. 21	4 ·01 } 5 ·95 }	14 ·00 } 15 ·96 }	4
22	Thur. 22	6 ·87	16 ·92	5
23	Fri. 23	7 ·77	17 ·86	6
24	Sat. 24	8 ·68	18 ·79	7
25	Sun. 25	9 ·57	19 ·72	8
26	Mon. 26	10 ·48	20 ·65	9
27	Tues. 27	11 ·38	21 ·59	10
28	Wed. 28	12 ·28	22 ·53	11
29	Thur. 29	13 ·20	23 ·48	12
30	Fri. 30	14 ·13	24 ·44	13
—31	Sat. 31	P ·07	25 ·42	14
	Sep.			
Vikṛita. **Kanyā—Puraṭṭāsi.** 1	Sun. 1	1 ·04	26 ·43	15
2	Mon. 2	2 ·03	27 ·44	16
3	Tues. 3	3 ·05	1 ·48	17
4	Wed. 4	4 ·06	2 ·54	18
5	Thur. 5	5 ·11	3 ·61	19
6	Fri. 6	6 ·17	4 ·71	20
7	Sat. 7	7 ·25	5 ·82	21
8	Sun. 8	8 ·33	6 ·93	22
9	Mon. 9	9 ·41	... ...	23
10	Tues. 10	10 ·48	7 ·03	24
11	Wed. 11	11 ·56	8 ·13	25
12	Thur. 12	12 ·61	9 ·21	26
13	Fri. 13	13 ·64	10 ·28	27
14	Sat. 14	14 ·65	11 ·32	28
15	Sun. 15	—A ·63	12 ·34	29
16	Mon. 16	1 ·61	13 ·34	—30
17	Tues. 17	2 ·55	14 ·33	1
18	Wed. 18	3 ·49	15 ·30	2
19	Thur. 19	4 ·41	16 ·25	3
20	Fri. 20	5 ·32	17 ·20	4
21	Sat. 21	6 ·22	18 ·13	5
22	Sun. 22	7 ·13	19 ·06	6
23	Mon. 23	8 ·03 } 9 ·92 }	20 ·00 } 21 ·93 }	7
24	Tues. 24	10 ·83	22 ·87	8
25	Wed. 25	11 ·75	23 ·81	9
26	Thur. 26	12 ·69	24 ·77	10
27	Fri. 27	13 ·62	25 ·75	11
28	Sat. 28	14 ·59	26 ·75	12
29	Sun. 29	P ·58	27 ·76	13
—30	Mon. 30	1 ·61	1 ·79	14
	Oct.			
Vikṛita. **Tulā—Aippaśi.** 31	Tues. 1	2 ·62	2 ·85	15
1	Wed. 2	3 ·67	3 ·92	16
2	Thur. 3	4 ·72	... ...	17
3	Fri. 4	5 ·81	4 ·02	18
4	Sat. 5	6 ·90	5 ·12	19
5	Sun. 6	7 ·98	6 ·22	20
6	Mon. 7	... ...	7 ·33	21
7	Tues. 8	8 ·05	8 ·43	22
8	Wed. 9	9 ·13	9 ·52	23
9	Thur. 10	10 ·18	10 ·59	24
10	Fri. 11	11 ·21	11 ·64	25
11	Sat. 12	12 ·22	12 ·66	26
12	Sun. 13	13 ·22	13 ·67	27
13	Mon. 14	14 ·18	14 ·66	28
14	Tues.● 15	—A ·14	15 ·63	—29
15	Wed. 16	1 ·07 } 2 ·98 }	16 ·59	1
16	Thur. 17	3 ·90	17 ·53	2
17	Fri. 18	4 ·80	18 ·47	3
18	Sat. 19	5 ·70	19 ·41	4
19	Sun. 20	6 ·61	20 ·34	5
20	Mon. 21	7 ·52	21 ·27	6
21	Tues. 22	8 ·42	22 ·20	7
22	Wed. 23	9 ·34	23 ·15	8
23	Thur. 24	10 ·28	24 ·10	9
24	Fri. 25	11 ·21	25 ·08	10
25	Sat. 26	12 ·20	26 ·07	11
26	Sun. 27	13 ·18	27 ·08	12
27	Mon. 28	14 ·20	1 ·11	13
28	Tues.○ 29	P ·21	2 ·15	14
29	Wed. 30	1 ·26	3 ·23	15
—30	Thur. 31	2 ·34	4 ·32	16
	Nov.			
Vikṛita. **Vṛiśchika—Kārttigai.** 1	Fri. 1	3 ·42	5 ·42	17
2	Sat. 2	4 ·51	6 ·52	18
3	Sun. 3	5 ·59	7 ·63	19
4	Mon. 4	6 ·67	8 ·74	20
5	Tues. 5	7 ·74	9 ·83	21
6	Wed. 6	8 ·80	10 ·90	22
7	Thur. 7	9 ·88	11 ·95	23
8	Fri. 8	10 ·83	12 ·98	24
9	Sat. 9	11 ·83	... ...	25
10	Sun. 10	12 ·79	13 ·00 } 14 ·99 }	26
11	Mon. 11	13 ·75	15 ·96	27
12	Tues. 12	14 ·68	16 ·92	28
13	Wed. 13	—A ·61	17 ·87	29
14	Thur. 14	1 ·52	18 ·81	—30
15	Fri. 15	2 ·42	19 ·75	1
16	Sat. 16	3 ·32	20 ·68	2
17	Sun. 17	4 ·23	21 ·61	3
18	Mon. 18	5 ·14	22 ·54	4
19	Tues. 19	6 ·04 } 7 ·97 }	23 ·48	5
20	Wed. 20	8 ·90	24 ·45	6
21	Thur. 21	9 ·84	25 ·41	7
22	Fri. 22	10 ·82	26 ·40	8
23	Sat. 23	11 ·80	27 ·40	9
24	Sun. 24	12 ·82	1 ·42	10
25	Mon. 25	13 ·85	2 ·47	11
26	Tues. 26	14 ·90	3 ·54	12
27	Wed. 27	P ·96	4 ·62	13
28	Thur. 28	... ...	5 ·71	14
—29	Fri. 29	1 ·05	6 ·82	15
1	Sat. 30	2 ·14	7 ·94	16
	Dec.			
Vikṛita. **Dhanus—Mārgali.** 2	Sun. 1	3 ·22	... ...	17
3	Mon. 2	4 ·30	8 ·04	18
4	Tues. 3	5 ·38	9 ·13	19
5	Wed. 4	6 ·44	10 ·20	20
6	Thur. 5	7 ·46	11 ·26	21
7	Fri. 6	8 ·48	12 ·30	22
8	Sat. 7	9 ·46	13 ·32	23
9	Sun. 8	10 ·42	14 ·32	24
10	Mon. 9	11 ·38	15 ·29	25
11	Tues. 10	12 ·31	16 ·25	26
12	Wed. 11	13 ·23	17 ·20	27
13	Thur. 12	14 ·14	18 ·15	28
14	Fri. 13	A ·06 } 1 ·95 }	19 ·09	29
15	Sat. 14	2 ·87	20 ·02 } 21 ·94 }	—30
16	Sun. 15	3 ·76	22 ·88	1
17	Mon. 16	4 ·67	23 ·83	2
18	Tues. 17	5 ·60	24 ·78	3
19	Wed. 18	6 ·54	25 ·74	4
20	Thur. 19	7 ·49	26 ·72	5
21	Fri. 20	8 ·46	27 ·72	6
22	Sat. 21	9 ·46	1 ·75	7
23	Sun. 22	10 ·47	2 ·78	8
24	Mon. 23	11 ·49	3 ·84	9
25	Tues. 24	12 ·55	4 ·92	10
26	Wed. 25	13 ·62	... ...	11
27	Thur. 26	14 ·71	5 ·01	12
28	Fri. 27	P ·79	6 ·12	13
—29	Sat. 28	1 ·88	7 ·23	14
1	Sun. 29	2 ·97	8 ·34	15
2	Mon. 30	... ...	9 ·43	16
3	Tues. 31	3 ·03	10 ·51	17

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24 Śatab

A.D. 1651. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 29·19.** **Śaka 1573.** **Kaliyuga 4752.**
Lunar Eclipse. ○ (Arya Sid.) **March 29·10.** **(S. Cycle) Khara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Vikrita. **Makara—Tai.** 4	Wed.	1	*Sukla.* 4·09	**Pausha.** 11·57	18	3	Sat.	1	*Bahula.* 4·32	**Phāl.** 15·29	18	3	Thur.	1	7·80	22·58	20
5	Thur.	2	5·11	12·62	19	4	Sun.	2	5·25	16·26	19	4	Fri.	2	8·70	23·51	21
6	Fri.	3	6·12	13·64	20	5	Mon.	3	6·19	17·22	20	5	Sat.	3	9·61	24·46	22
7	Sat.	4	7·11	14·64	21	6	Tues.	4	7·11	18·16	21	6	Sun.	4	10·54	25·41	23
8	Sun.	5	8·08	15·62	22	7	Wed.	5	8·02 9·92	19·10	22	7	Mon.	5	11·47	26·37	24
9	Mon.	6	9·02 10·96	16·59	23	8	Thur.	6	10·82	20·04 21·97	23	8	Tues.	6	12·43	27·34	25
10	Tues.	7	*Bahula.* 11·88	17·55	24	*Vikrita.* **Mīna—Pāguni.** 9	Fri.	7	11·71	22·90	24	9	Wed.	7	13·39	1·34	26
11	Wed.	8	12·79	18·49	25	10	Sat.	8	12·62	23·83	25	10	Thur.	8	14·37	2·36	27
12	Thur.	9	13·69	19·42	26	11	Sun.	9	13·53	24·78	26	11	Fri.	9	—**A** ·39	3·40	28
13	Fri.	10	14·59	20·35	27	12	Mon.	10	14·46	25·73	27	12	Sat.	10	1·43	4·45	29
14	Sat.	11	—**A** ·49	21·28	28	13	Tues.	11	—**A** ·40	26·71	28	13	Sun.	11	2·48	5·53	—30
15	Sun.	12	1·39	22·22	29	14	Wed.	12	1·35	27·69	29	14	Mon.	12	3·54	6·62	1
16	Mon.	13	2·32	23·16	—30	15	Thur.	13	2·33	1·70	—30	15	Tues.	13	4·62	7·73	2
17	Tues.	14	3·25	24·11	1	16	Fri.	14	3·31	2·72	1	*Khara.* **Vrishabha—Vaigāśi.** 16	Wed.	14	5·71	8·84	3
18	Wed.	15	4·18	25·07	2	17	Sat.	15	4·34	3·77	2	17	Thur.	15	6·80	9·94	4
19	Thur.	16	5·13	26·05	3	18	Sun.	16	*Sukla.* 5·37	4·84	3	18	Fri.	16	7·86	... ...	5
20	Fri.	17	6·11	27·05	4	19	Mon.	17	6·42	5·92	4	19	Sat.	17	8·92	10·04	6
21	Sat.	18	7·10	1·06	5	20	Tues.	18	7·49	... ...	5	20	Sun.	18	9·97	11·12	7
22	Sun.	19	8·11	2·10	6	21	Wed.	19	8·57	6·02	6	21	Mon.	19	10·98	12·20	8
23	Mon.	20	9·16	3·15	7	22	Thur.	20	9·66	7·13	7	22	Tues.	20	11·98	13·24	9
24	Tues.	21	10·21	4·22	8	23	Fri.	21	10·74	8·23	8	23	Wed.	21	12·96	14·26	10
25	Wed.	22	11·28	5·31	9	24	Sat.	22	11·82	9·34	9	24	Thur.	22	13·92	15·26	11
26	Thur.	23	12·36	6·42	10	25	Sun.	23	12·88	10·43	10	25	Fri.	23	14·86	16·25	12
27	Fri.	24	*Māgha.* 13·44	7·53	11	26	Mon.	24	**Chaitra.** 13·92	11·51	11	26	Sat.	24	**P** ·79	17·22	13
28	Sat.	25	14·54	8·64	12	27	Tues.	25	14·95	12·56	12	27	Sun.	25	1·70	18·18	14
29	Sun.	26	**P** ·62	9·73	13	28	Wed.	26	**P** ·94	13·60	13	28	Mon.	26	2·60	19·12	15
—30	Mon.	27	1·69	10·82	14	29	Thur.	27	1·92	14·62	14	29	Tues.	27	3·50	20·06 21·99	16
1	Tues.	28	2·73	11·89	15	—30	Fri.	28	2·88	15·61	15	30	Wed.	28	4·40	22·92	17
2	Wed.	29	3·75	12·94	16	1	Sat.	29	3·83	16·59	16	—31	Thur.	29	5·50	23·86	18
3	Thur.	30	4·76	13·96	17	2	Sun.	30	4·76	17·55	17	1	Fri.	30	*Bahula.* 6·20	24·79	19
4	Fri.	31	5·74	14·97	18	3	Mon.	31	5·68	18·50	18	2	Sat.	31	7·12	25·74	20
	Feb.						**April.**						**June.**				
Vikrita. **Kumbha—Māśi.** 5	Sat.	1	*Bahula.* 6·71	15·95	19	4	Tues.	1	*Bahula.* 6·59	19·44	19	3	Sun.	1	8·03 9·97	26·70	21
6	Sun.	2	7·65	16·93	20	5	Wed.	2	7·48	20·38	20						
7	Mon.	3	8·58	17·88	21	6	Thur.	3	8·38	21·31	21	4	Mon.	2	10·92	27·67	22
8	Tues.	4	9·50	18·83	22	7	Fri.	4	9·27	22·24	22	5	Tues.	3	11·88	1·67	23
9	Wed.	5	10·41	19·76	23	8	Sat.	5	10·18	23·17	23	6	Wed.	4	12·87	2·68	24
10	Thur.	6	11·31	20·69	24	9	Sun.	6	11·09	24·11	24	7	Thur.	5	13·88	3·71	25
11	Fri.	7	12·21	21·63	25	10	Mon.	7	12·02 13·95	25·07	25	8	Fri.	6	14·91	4·76	26
12	Sat.	8	13·12	22·56	26	11	Tues.	8	14·90	26·04	26	*Khara.* **Mithuna—Āni.** 9	Sat.	7	—**A** ·96	5·83	27
13	Sun.	9	14·02 **A** ·94	23·50	27	12	Wed.	9	—**A** ·88	27·02	27	10	Sun.	8	... ...	6·93	28
14	Mon.	10	1·86	24·44	28	13	Thur.	10	1·86	1·02	28	11	Mon.	9	1·02	.. ...	—29
15	Tues.	11	2·80	25·40	—29	14	Fri.	11	2·88	2·04	—29	12	Tues.	10	2·10	7·03	1
16	Wed.	12	3·75	26·38	1	15	Sat.	12	3·92	3·09	1	13	Wed.	11	3·18	8·14	2
17	Thur.	13	4·73	27·37	2	16	Sun.	13	4·96	4·15	2	14	Thur.	12	*Sukla.* 4·27	9·24	3
18	Fri.	14	*Sukla.* 5·72	1·38	3	17	Mon.	14	... ...	5·23	3	15	Fri.	13	5·34	10·34	4
19	Sat.	15	6·73	2·41	4	18	Tues.	15	5·03	6·32	4	16	Sat.	14	6·40	11·43	5
20	Sun.	16	7·77	3·46	5	19	Wed.	16	6·11	7·42	5	17	Sun.	15	7·44	12·50	6
21	Mon.	17	8·82	4·53	6	20	Thur.	17	7·20	8·54	6	18	Mon.	16	8·46	13·55	7
22	Tues.	18	9·90	5·62	7	21	Fri.	18	8·29	9·64	7	19	Tues.	17	9·46	14·58	8
23	Wed.	19	10·99	6·72	8	22	Sat.	19	9·36	10·74	8	20	Wed.	18	10·44	15·59	9
24	Thur.	20	... ...	7·83	9	23	Sun.	20	10·42	11·82	9	21	Thur.	19	11·41	16·58	10
25	Fri.	21	11·08	8·93	10	24	Mon.	21	11·47	12·87	10	22	Fri.	20	12·35	17·56	11
26	Sat.	22	12·16	. ...	11	25	Tues.	22	12·48	13·92	11	23	Sat.	21	13·28	18·51	12
27	Sun.	23	13·23	9·03	12	26	Wed.	23	13·48	14·94	12	24	Sun.	22	14·19	19·46	13
28	Mon.	24	14·30	10·13	13	27	Thur.	24	14·46	15·94	13	25	Mon.	23	**P** ·09 1·99	20·39	14
29	Tues.	25	**P** ·34	11·20	14	28	Fri.	25	**P** ·42	16·92	14	26	Tues.	24	2·89	21·32	15
—30	Wed.	26	1·36	12·25	15	29	Sat.	26	1·36	17·88	15	27	Wed.	25	3·78	22·26	16
1	Thur.	27	2·37	13·28	16	30	Sun.	27	2·29	18·83	16	28	Thur.	26	4·68	23·19	17
2	Fri.	28	3·36	14·29	17	—31	Mon.	28	3·20	19·78	17	29	Fri.	27	5·60	24·13	18
						1	Tues.	29	4·10	20·72	18	30	Sat.	28	6·52	25·07	19
						2	Wed.	30	5·01 6·91	21·65	19	31	Sun.	29	7·45	26·03	20
												—32	Mon.	30	8·39	27·01 1·99	21

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1651. **Kollam 827,** { **N. Malabar—Sep.** **Hijra 1062.** **Vikrama 1708.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Dec. 4.** **Bengal San. 1057.**
P—Paurnimā. **(N. Cycle) Śārvari.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Tues.	1	9 ·36	... ...	22	—31	Mon.	1	12 ·65	8 ·03	25	1	Sat.	1	13 ·11	14 ·17	27
	Wed.	2	10 ·34	2 ·00	23	1	Tues.	2	13 ·73	9 ·15	26	2	Sun.	2	14 ·13	15 ·20	28
	Thur.	3	11 ·35	3 ·02	24	2	Wed.	3	14 ·81	10 ·25	27	3	Mon.	3	—A ·11	16 ·21	29
	Fri.	4	12 ·39	4 ·07	25	3	Thur.	4	—A ·88	11 ·35	28	4	Tues.	4	1 ·08	17 ·20	—30
	Sat.	5	13 ·44	5 ·14	26	4	Fri.	5	1 ·93	12 ·43	29				2 ·03		
	Sun.	6	14 ·50	6 ·23	27	5	Sat.	6	2 ·95	13 ·49	—30	5	Wed.	5	3 ·96	18 ·18	1
	Mon.	7	—A ·58	7 ·33	28	6	Sun.	7	3 ·96	14 ·54	1	6	Thur.	6	4 ·89	19 ·14	2
	Tues.	8	1 ·66	8 ·43	29	7	Mon.	8	4 ·95	15 ·56	2	7	Fri.	7	5 ·79	20 ·09	3
	Wed.	9	2 ·73	9 ·54	—30	8	Tues.	9	5 ·92	16 ·56	3	8	Sat.	8	6 ·70	21 ·03	4
	Thur.	10	3 ·80	10 ·64	1	9	Wed.	10	6 ·86	17 ·55	4					22 ·96	
	Fri.	11	4 ·88	11 ·74	2	10	Thur.	11	7 ·79	18 ·51	5	9	Sun.	9	7 ·60	23 ·90	5
	Sat.	12	5 ·92	12 ·81	3	11	Fri.	12	8 ·71	19 ·47	6	10	Mon.	10	8 ·51	24 ·83	6
	Sun.	13	6 ·94	13 ·87	4	12	Sat.	13	9 ·61	20 ·42	7	11	Tues.	11	9 ·41	25 ·76	7
	Mon.	14	7 ·94	14 ·90	5	13	Sun.	14	10 ·52	21 ·35	8	12	Wed.	12	10 ·32	26 ·70	8
	Tues.	15	8 ·93	15 ·91	6	14	Mon.	15	11 ·42	22 ·28	9	13	Thur.	13	11 ·24	27 ·66	9
	Wed.	16	9 ·88	16 ·91	7	15	Tues.	16	12 ·32	23 ·21	10	14	Fri.	14	12 ·18	1 ·63	10
	Thur.	17	10 ·82	17 ·89	8	16	Wed.	17	13 ·22	24 ·14	11	15	Sat.	15	13 ·13	2 ·62	11
	Fri.	18	11 ·76	18 ·85	9	17	Thur.	18	14 ·13	25 ·09	12	16	Sun.	16	14 ·10	3 ·62	12
	Sat.	19	12 ·68	19 ·79	10				P ·05	26 ·03		17	Mon.	17	P ·09	4 ·64	13
	Sun.	20	13 ·58	20 ·73	11	18	Fri.	19	1 ·98	27 ·99	13	18	Tues.	18	1 ·11	5 ·68	14
	Mon.	21	14 ·48	21 ·67	12	19	Sat.	20	2 ·93	1 ·97	14	19	Wed.	19	2 ·14	6 ·76	15
	Tues.	22	P ·38	22 ·60	13	20	Sun.	21	3 ·90	2 ·96	15	20	Thur.	20	3 ·19	7 ·84	16
	Wed.	23	1 ·27	23 ·53	14	21	Mon.	22	4 ·88	3 ·98	16	21	Fri.	21	4 ·26	8 ·93	17
	Thur.	24	2 ·17	24 ·47	15	22	Tues.	23	5 ·90	... ...	17	22	Sat.	22	5 ·35	... ...	18
	Fri.	25	3 ·09	25 ·41	16	23	Wed.	24	6 ·93	4 ·01	18	23	Sun.	23	6 ·43	9 ·04	19
	Sat.	26	4 ·00	26 ·37	17	24	Thur.	25	7 ·98	5 ·07	19	24	Mon.	24	7 ·52	10 ·15	20
			5 ·92			25	Fri.	26	... ...	6 ·14	20	25	Tues.	25	8 ·60	11 ·25	21
	Sun.	27	6 ·87	27 ·33	18	26	Sat.	27	8 ·04	7 ·23	21	26	Wed.	26	9 ·67	12 ·35	22
	Mon.	28	7 ·85	1 ·32	19	27	Sun.	28	9 ·12	8 ·33	22	27	Thur.	27	10 ·72	13 ·42	23
	Tues.	29	8 ·83	2 ·32	20	28	Mon.	29	10 ·20	9 ·44	23	28	Fri.	28	11 ·75	14 ·48	24
	Wed.	30	9 ·83	3 ·34	21	29	Tues.	30	11 ·28	10 ·55	24	—29	Sat.	29	12 ·76	15 ·52	25
	Thur.	31	10 ·86	4 ·38	22							1	Sun.	30	13 ·74	16 ·53	26
	Aug.						**Oct.**						**Dec.**				
—32	Fri.	1	11 ·91	5 ·45	23	—30	Wed.	1	12 ·87	11 ·65	25	2	Mon.	1	14 ·71	17 ·53	27
1	Sat.	2	12 ·98	6 ·53	24	1	Thur.	2	13 ·44	12 ·78	26	3	Tues.	2	—A ·65	18 ·51	28
2	Sun.	3	... ...	7 ·63	25	2	Fri.	3	14 ·49	13 ·81	27	4	Wed.	3	1 ·59	19 ·48	—29
3	Mon.	4	13 ·06	8 ·73	26	3	Sat.	4	—A ·51	14 ·86	28	5	Thur.	4	2 ·51	20 ·42	1
4	Tues.	5	14 ·15	9 ·84	27	4	Sun.	5	1 ·53	15 ·88	—29	6	Fri.	5	3 ·42	21 ·36	2
5	Wed.	6	—A ·23	10 ·95	28	5	Mon.	6	2 ·51	16 ·89	1	7	Sat.	6	4 ·33	22 ·30	3
6	Thur.	7	1 ·30	... ...	—29	6	Tues.	7	3 ·49	17 ·87	2	8	Sun.	7	5 ·23	23 ·23	4
7	Fri.	8	2 ·36	11 ·04	1	7	Wed.	8	4 ·43	18 ·84	3	9	Mon.	8	6 ·13	24 ·16	5
8	Sat.	9	3 ·40	12 ·12	2	8	Thur.	9	5 ·36	19 ·80	4				7 ·03		
9	Sun.	10	4 ·44	13 ·18	3	9	Fri.	10	6 ·28	20 ·75	5	10	Tues.	9	8 ·95	25 ·10	6
10	Mon.	11	5 ·43	14 ·22	4	10	Sat.	11	7 ·18	21 ·69	6	11	Wed.	10	9 ·87	26 ·04	7
11	Tues.	12	6 ·42	15 ·24	5	11	Sun.	12	8 ·09	22 ·62	7	12	Thur.	11	10 ·81	27 ·00	8
12	Wed.	13	7 ·38	16 ·24	6				9 ·99							1 ·96	
13	Thur.	14	8 ·34	17 ·22	7	12	Mon.	13	10 ·90	23 ·55	8	13	Fri.	12	11 ·77	2 ·94	9
14	Fri.	15	9 ·27	18 ·18	8	13	Tues.	14	11 ·80	24 ·49	9	14	Sat.	13	12 ·75	3 ·94	10
15	Sat.	16	10 ·17	19 ·13	9	14	Wed.	15	12 ·69	25 ·42	10	15	Sun.	14	13 ·73	4 ·96	11
			11 ·03			15	Thur.	16	13 ·62	26 ·37	11	16	Mon.	15	14 ·74	... ...	12
16	Sun.	17	12 ·98	20 ·08	10	16	Fri.	17	14 ·56	27 ·32	12	17	Tues.	16	P ·79	5 ·00	13
				21 ·01		17	Sat.	18	P ·51	1 ·29	13	18	Wed.	17	1 ·84	6 ·06	14
17	Mon.	18	13 ·89	22 ·94	11	18	Sun.	19	1 ·48	2 ·29	14	19	Thur.	18	2 ·91	7 ·14	15
18	Tues.	19	14 ·78	23 ·87	12	19	Mon.	20	2 ·47	3 ·30	15	20	Fri.	19	... ..	8 ·23	16
19	Wed.	20	P ·69	24 ·80	13	20	Tues.	21	3 ·48	4 ·33	16	21	Sat.	20	3 ·00	9 ·34	17
20	Thur.	21	1 ·59	25 ·74	14	21	Wed.	22	4 ·51	5 ·37	17	22	Sun.	21	4 ·09	10 ·45	18
21	Fri.	22	2 ·51	26 ·70	15	22	Thur.	23	5 ·57	6 ·44	18	23	Mon.	22	5 ·17	11 ·56	19
22	Sat.	23	3 ·44	27 ·66	16	23	Fri.	24	6 ·63	7 ·54	19	24	Tues.	23	6 ·25	12 ·65	20
23	Sun.	24	4 ·39	1 ·64	17	24	Sat.	25	7 ·71	8 ·64	20	25	Wed.	24	7 ·32	13 ·73	21
24	Mon.	25	5 ·36	2 ·64	18	25	Sun.	26	8 ·79	9 ·74	21	26	Thur.	25	8 ·36	14 ·79	22
25	Tues.	26	6 ·34	3 ·65	19	26	Mon.	27	9 ·89	10 ·85	22	27	Fri.	26	9 ·39	15 ·83	23
26	Wed.	27	7 ·36	4 ·70	20	27	Tues.	28	10 ·97	11 ·95	23	28	Sat.	27	10 ·40	16 ·86	24
27	Thur.	28	8 ·38	5 ·76	21	28	Wed.	29	... ..	... ...	24	29	Sun.	28	11 ·39	17 ·86	25
28	Fri.	29	9 ·43	6 ·84	22	29	Thur.	30	11 ·04	12 ·05	25	—30	Mon.	29	12 ·35	18 ·84	26
29	Sat.	30	10 ·48	7 ·93	23	—30	Fri.	31	12 ·08	13 ·12	26	1	Tues.	30	13 ·30	19 ·81	27
30	Sun.	31	11 ·56	... ...	24							2	Wed.	31	14 ·28	20 ·71	28

Khara. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.**

Khara. **Simha—Āvani.** *H.* 1061 *Shaʻbān.* *Khara.* **Kanyā—Purattāśi.** *H.* 1061 *Ramazān.* *Khara.* **Tulā—Aippasi.** *H.* 1061 *Shawwāl.* *Khara.* **Vṛśchika—Kārttigai.** *H.* 1061 *Zī-l-ka'da.* *Khara.* **Dhanus—Mārgali.** *H.* 1062 *Muharram.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1652. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·45.** **Śaka 1574.** **Kaliyuga 4753.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·36.** **(S. Cycle) Nandana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Thur.	1	—A ·15	21 ·70	29	4	Mon.	1	2 ·82	26 ·05	—30	4	Sat.	1	4 ·70	6 ·62	3
4	Fri.	2	1 ·07 2 ·97	22 ·64	—30	5	Tues.	2	3 ·75	27 ·00 1 ·95	1	5	Sun.	2	5 ·75	7 ·67	3
5	Sat.	3	3 ·87	23 ·57	1	6	Wed.	3	4 ·68	2 ·92	2	6	Mon.	3	6 ·80	8 ·75	4
6	Sun.	4	4 ·78	24 ·50	2	7	Thur.	4	5 ·65	3 ·91	3	7	Tues.	4	7 ·87	9 ·84	5
7	Mon.	5	5 ·69	25 ·43	3	8	Fri.	5	6 ·62	4 ·92	4	8	Wed.	5	8 ·95	10 ·94	6
8	Tues.	6	6 ·59	26 ·38	4	9	Sat.	6	7 ·61	5 ·94	5	9	Thur.	6	... ...	... ...	7
9	Wed.	7	7 ·51	27 ·33	5	10	Sun.	7	8 ·62	6 ·99	6	10	Fri.	7	9 ·04	11 ·05	8
10	Thur.	8	8 ·45	1 ·29	6	11	Mon.	8	9 ·66	... ...	7	11	Sat.	8	10 ·12	12 ·16	9
11	Fri	9	9 ·41	2 ·27	7	12	Tues.	9	10 ·72	7 ·05	8	12	Sun.	9	11 ·19	13 ·26	10
12	Sat.	10	10 ·39	3 ·26	8	13	Wed.	10	11 ·81	8 ·14	9	13	Mon.	10	12 ·25	14 ·34	11
13	Sun.	11	11 ·38	4 ·27	9	14	Thur.	11	12 ·89	9 ·24	10	14	Tues.	11	13 ·29	15 ·41	12
14	Mon.	12	12 ·40	5 ·31	10	15	Fri.	12	13 ·97	10 ·35	11	15	Wed.	12	14 ·30	16 ·45	13
15	Tues.	13	13 ·43	6 ·37	11	16	Sat.	13	... ...	11 ·45	12	16	Thur.	13	P ·30	17 ·48	14
16	Wed.	14	14 ·49	7 ·44	12	17	Sun.	14	14 ·06	12 ·55	13	17	Fri.	14	1 ·29	18 ·48	15
17	Thur.	15	P ·57	8 ·53	13	18	Mon. ○	15	P ·14	13 ·65	14	18	Sat.	15	2 ·25	19 ·47	16
18	Fri.	16	1 ·65	9 ·64	14	19	Tues.	16	1 ·19	14 ·73	15	19	Sun.	16	3 ·13	20 ·44	17
19	Sat.	17	2 ·74	10 ·75	15	20	Wed.	17	2 ·23	15 ·78	16	20	Mon.	17	4 ·10	21 ·39	18
20	Sun.	18	3 ·83	11 ·86	16	21	Thur.	18	3 ·25	16 ·82	17	21	Tues.	18	5 ·01 6 ·92	22 ·34	19
21	Mon.	19	4 ·91	12 ·95	17	22	Fri.	19	4 ·25	17 ·83	18	22	Wed.	19	7 ·82	23 ·28	20
22	Tues.	20	5 ·97	... ...	18	23	Sat.	20	5 ·23	18 ·82	19	23	Thur.	20	8 ·72	24 ·20	21
23	Wed.	21	... ...	13 ·04	19	24	Sun.	21	6 ·19	19 ·81	20	24	Fri.	21	9 ·61	25 ·13	22
24	Thur.	22	6 ·01	14 ·10	20	25	Mon.	22	7 ·13	20 ·77	21	25	Sat.	22	10 ·51	26 ·07	23
25	Fri.	23	7 ·04	15 ·16	21	26	Tues.	23	8 ·06 9 ·97	21 ·72	22	26	Sun.	23	11 ·42	27 ·01 1 ·96	24
26	Sat.	24	8 ·04	16 ·18	22	27	Wed.	24	10 ·88	22 ·66	23	27	Mon.	24	12 ·35	2 ·92	25
27	Sun.	25	9 ·03 10 ·99	17 ·19	23	28	Thur.	25	11 ·77	23 ·59	24	28	Tues.	25	13 ·29	3 ·89	26
28	Mon.	26	11 ·94	18 ·17	24	29	Fri.	26	12 ·67	24 ·53	25	29	Wed.	26	14 ·23	4 ·68	27
29	Tues.	27	12 ·86	19 ·14	25	—30	Sat.	27	13 ·58	25 ·46	26	30	Thur.	27	—A ·21	5 ·90	28
1	Wed.	28	13 ·79	20 ·10	26	1	Sun.	28	14 ·48	26 ·39	27	31	Fri.	28	1 ·19	6 ·93	—29
2	Thur.	29	14 ·69	21 ·05 22 ·98	27	2	Mon ●	29	—A ·40	27 ·33	28	—32	Sat.	29	2 ·21	7 ·98	1
3	Fri.	30	—A ·60	23 ·91	28	3	Tues.	30	1 ·32	1 ·28	—29	1	Sun.	30	3 ·23	... ...	2
4	Sat.	31	1 ·50	24 ·84	—29	4	Wed.	31	2 ·24	2 ·26	1	2	Mon.	31	4 ·28	8 ·05	3
	Feb.						**April.**						**June.**				
5	Sun.	1	2 ·40	25 ·77	1	5	Thur.	1	3 ·21	3 ·24	2	3	Tues.	1	5 ·30	9 ·14	4
6	Mon.	2	3 ·31	26 ·72	2	6	Fri.	2	4 ·18	4 ·24	3	4	Wed.	2	6 ·43	10 ·24	5
7	Tues	3	4 ·22	27 ·66	3	7	Sat.	3	5 ·17	5 ·26	4	5	Thur.	3	7 ·52	11 ·36	6
8	Wed.	4	5 ·15	1 ·62	4	8	Sun.	4	6 ·18	6 ·30	5	6	Fri.	4	8 ·60	12 ·46	7
9	Thur.	5	6 ·09	2 ·59	5	9	Mon.	5	7 ·22	7 ·37	6	7	Sat.	5	9 ·67	13 ·56	8
10	Fri.	6	7 ·04	3 ·58	6	10	Tues.	6	8 ·28	8 ·45	7	8	Sun.	6	10 ·73	14 ·65	9
11	Sat.	7	8 ·02	4 ·60	7	11	Wed.	7	9 ·36	9 ·54	8	9	Mon.	7	11 ·76	15 ·71	10
12	Sun.	8	9 ·01	5 ·63	8	12	Thur.	8	10 ·44	10 ·64	9	10	Tues.	8	12 ·79	16 ·77	11
13	Mon.	9	10 ·03	6 ·68	9	13	Fri.	9	11 ·52	11 ·75	10	11	Wed.	9	13 ·78	17 ·80	12
14	Tues.	10	11 ·07	7 ·75	10	14	Sat.	10	12 ·61	12 ·86	11	12	Thur.	10	14 ·77	18 ·81	13
15	Wed.	11	12 ·18	8 ·84	11	15	Sun.	11	13 ·68	13 ·96	12	13	Fri.	11	P ·73	19 ·80	14
16	Thur.	12	13 ·20	9 ·94	12	16	Mon.	12	14 ·74	... ...	13	14	Sat.	12	1 ·67	20 ·77	15
17	Fri.	13	14 ·28	... ...	13	17	Tues.	13	P ·77	14 ·04	14	15	Sun.	13	2 ·59	21 ·73	16
18	Sat.	14	P ·36	10 ·05	14	18	Wed.	14	1 ·79	15 ·10	15	16	Mon.	14	3 ·51	22 ·68	17
19	Sun.	15	1 ·45	11 ·16	15	19	Thur.	15	2 ·79	16 ·13	16	17	Tues.	15	4 ·42	23 ·61	18
20	Mon.	16	2 ·54	12 ·25	16	20	Fri.	16	3 ·77	17 ·15	17	18	Wed.	16	5 ·31	24 ·54	19
21	Tues.	17	3 ·60	13 ·34	17	21	Sat.	17	4 ·74	18 ·16	18	19	Thur.	17	6 ·21	25 ·47	20
22	Wed.	18	4 ·64	14 ·42	18	22	Sun.	18	5 ·67	19 ·14	19	20	Fri.	18	7 ·10	26 ·41	21
23	Thur.	19	5 ·65	15 ·47	19	23	Mon.	19	6 ·60	20 ·10	20	21	Sat.	19	8 ·00 9 ·91	27 ·35	22
24	Fri.	20	6 ·66	16 ·50	20	24	Tues.	20	7 ·51	21 ·05 22 ·99	21	22	Sun.	20	10 ·84	1 ·29	23
25	Sat.	21	7 ·65	17 ·51	21	25	Wed.	21	8 ·42	23 ·93	22	23	Mon.	21	11 ·77	2 ·25	24
26	Sun.	22	8 ·61	18 ·50	22	26	Thur.	22	9 ·32	24 ·87	23	24	Tues.	22	12 ·72	3 ·22	25
27	Mon.	23	9 ·55	19 ·48	23	27	Fri.	23	10 ·21	25 ·80	24	25	Wed.	23	13 ·69	4 ·20	26
28	Tues.	24	10 ·47	20 ·44	24	28	Sat.	24	11 ·11	26 ·73	25	26	Thur.	24	14 ·67	5 ·22	27
29	Wed.	25	11 ·39	21 ·38	25	29	Sun.	25	12 ·01 13 ·92	27 ·67	26	27	Fri.	25	—A ·68	6 ·24	28
—30	Thur.	26	12 ·30	22 ·32	26	30	Mon.	26	14 ·84	1 ·63	27	28	Sat.	26	1 ·71	7 ·29	29
1	Fri.	27	13 ·21	23 ·25	27	—31	Tues.	27	—A ·78	2 ·59	28	29	Sun.	27	2 ·77	8 ·36	—30
2	Sat.	28	14 ·11	24 ·18	28	1	Wed.	28	1 ·74	3 ·56	29	30	Mon.	28	3 ·83	9 ·44	1
3	Sun.	29	A ·02 1 ·92	25 ·12	—29	2	Thur.	29	2 ·71	4 ·56	—30	—31	Tues.	29	4 ·91	10 ·55	2
						3	Fri.	30	3 ·70	5 ·57	1	1	Wed.	30	... ...	11 ·66	3

Khara. **Mekara—Tai.** *Bahula.* *Śukla.* **Māgha.** **Phālguna.** *Khara.* **Kumbha—Māśi.** *H.* 1062 *Śafar.* *Khara.* **Mīna—Pangruni.** *Nandana.* **Mēsha—Chittirai.** *H.* 1062 *Rabi-ul awwal.* *Nandana.* **Vrishabha—Vaigāśi.** *H.* 1062 *Rabi ul ākhir.* *Nandana.* **Mithuna—Āni.** *H.* 1062 *Jamāda'l awwal.* *Śukla.* **Chaitra.** *Bahula.* **Adhika Vaiśākha.** *Śukla.* **Vaiśākha.** *Bahula.* **Nija Vaiśākha.** *Śukla.* **Jyeshtha.** *Bahula.* *H.* 1062 *Jamāda'l ākhir.* *H.* 1062 *Rajab.*

Naksh:—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1652. **Kollam 828,** { **N. Malabar—Sep.** **Hijra 1063.** **Vikrama 1709.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 22.** **Bengal San. 1058.**
P—Paurnimā. **(N. Cycle) Plava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
2	Thur.	1	5 ·00	12 ·76	4	1	Wed.	1	8 ·25	19 ·78	7	2	Mon.	1	11 ·88	25 ·18	9
3	Fri.	2	6 ·07	13 ·86	5	2	Thur.	2	9 ·28	20 ·77	8	3	Tues.	2	12 ·79	26 ·11	10
4	Sat.	3	7 ·15	14 ·95	6	3	Fri.	3	10 ·17	21 ·73	9	4	Wed.	3	13 ·69	27 ·04 / 1 ·96	11
5	Sun.	4	8 ·21	... ...	7	4	Sat.	4	11 ·10	22 ·68	10	5	Thur.	4	14 ·60	2 ·92	12
6	Mon.	5	9 ·26	15 ·03	8	5	Sun.	5	12 ·01 / 13 ·92	23 ·62	11	6	Fri.	5	P ·54	3 ·87	13
7	Tues.	6	10 ·27	16 ·09	9	6	Mon.	6	14 ·82	24 ·57	12	7	Sat.	6	1 ·47	4 ·84	14
8	Wed.	7	11 ·27	17 ·12	10	7	Tues. ○	7	P ·72	25 ·50	13	8	Sun.	7	2 ·41	5 ·84	15
9	Thur.	8	12 ·25	18 ·13	11	8	Wed.	8	1 ·63	26 ·48	14	9	Mon.	8	3 ·39	6 ·84	16
10	Fri.	9	13 ·20	19 ·12	12	9	Thur.	9	2 ·52	27 ·36	15	10	Tues.	9	4 ·39	7 ·87	17
11	Sat.	10	14 ·15	20 ·11	13	10	Fri.	10	3 ·43	1 ·30	16	11	Wed.	10	5 ·40	8 ·91	18
12	Sun.	11	P ·07 / 1 ·99	21 ·07	14	11	Sat.	11	4 ·35	2 ·25	17	12	Thur.	11	6 ·43	9 ·97	19
13	Mon.	12	2 ·90	22 ·01 / 23 ·95	15	12	Sun.	12	5 ·28	3 ·21	18	13	Fri.	12	7 ·49	... ...	20
14	Tues.	13	3 ·80	24 ·88	16	13	Mon.	13	6 ·23	4 ·19	19	14	Sat.	13	8 ·56	10 ·05	21
15	Wed.	14	4 ·70	25 ·82	17	14	Tues.	14	7 ·20	5 ·18	20	15	Sun.	14	9 ·64	11 ·15	22
16	Thur.	15	5 ·59	26 ·75	18	15	Wed.	15	8 ·19	6 ·19	21	16	Mon.	15	10 ·73	12 ·26	23
17	Fri.	16	6 ·49	27 ·69	19	16	Thur.	16	9 ·21	7 ·23	22	17	Tues.	16	11 ·82	13 ·37	24
18	Sat.	17	7 ·40	1 ·63	20	17	Fri.	17	10 ·24	8 ·29	23	18	Wed.	17	12 ·90	14 ·47	25
19	Sun.	18	8 ·32	2 ·58	21	18	Sat.	18	11 ·28	9 ·36	24	19	Thur.	18	13 ·96	15 ·56	26
20	Mon.	19	9 ·25	3 ·54	22	19	Sun.	19	12 ·35	10 ·45	25	20	Fri.	19	...	16 ·65	27
21	Tues.	20	10 ·20	4 ·54	23	20	Mon.	20	13 ·43	11 ·55	26	21	Sat.	20	14 ·02	17 ·70	28
22	Wed.	21	11 ·17	5 ·55	24	21	Tues.	21	14 ·51	12 ·66	27	22	Sun.	21	A ·04	18 ·74	29
23	Thur.	22	12 ·14	6 ·56	25	22	Wed.	22	A ·60	13 ·77	28	23	Mon.	22	1 ·04	19 ·75	1
24	Fri.	23	13 ·16	7 ·60	26	23	Thur.	23	1 ·68	14 ·87	29	24	Tues.	23	2 ·03 / 3 ·98	20 ·75	2
25	Sat.	24	14 ·19	8 ·66	27	24	Fri.	24	2 ·75	15 ·95	1	25	Wed.	24	4 ·93	21 ·73	3
26	Sun.	25	A ·24	9 ·75	28	25	Sat.	25	3 ·79	... ...	2	26	Thur.	25	5 ·87	22 ·69	4
27	Mon.	26	1 ·30	10 ·85	29	26	Sun.	26	4 ·81	16 ·02	3	27	Fri.	26	6 ·79	23 ·64	5
28	Tues.	27	2 ·39	11 ·95	1	27	Mon.	27	5 ·82	17 ·07	4	28	Sat.	27	7 ·70	24 ·58	6
29	Wed.	28	3 ·47	... ...	2	28	Tues.	28	6 ·81	18 ·10	5	29	Sun.	28	8 ·61	25 ·52	7
30	Thur.	29	4 ·56	12 ·06	3	29	Wed.	29	7 ·78	19 ·11	6	30	Mon.	29	9 ·51	26 ·45	8
31	Fri.	30	5 ·62	13 ·16	4	30	Thur.	30	8 ·72	20 ·09	7	1	Tues.	30	10 ·41	27 ·33	9
32	Sat.	31	6 ·68	14 ·26	5												
	Aug.						**Oct.**						**Dec.**				
1	Sun.	1	7 ·73	15 ·34	6	1	Fri.	1	9 ·66	21 ·06	8	2	Wed.	1	11 ·31	1 ·32	10
2	Mon.	2	8 ·75	16 ·40	7	2	Sat.	2	10 ·57	22 ·02 / 23 ·97	9	3	Thur.	2	12 ·23	2 ·26	11
3	Tues.	3	9 ·76	17 ·44	8	3	Sun.	3	11 ·48	24 ·91	10	4	Fri.	3	13 ·16	3 ·21	12
4	Wed.	4	10 ·73	18 ·45	9	4	Mon.	4	12 ·38	25 ·84	11	5	Sat.	4	14 ·09	4 ·17	13
5	Thur.	5	11 ·70	19 ·46	10	5	Tues.	5	13 ·29	26 ·77	12	6	Sun.	5	P ·06	5 ·16	14
6	Fri.	6	12 ·65	20 ·44	11	6	Wed.	6	14 ·19	27 ·70	13	7	Mon.	6	1 ·03	6 ·16	15
7	Sat.	7	13 ·57	21 ·40	12	7	Thur.	7	P ·08	1 ·64	14	8	Tues.	7	2 ·02	7 ·18	16
8	Sun.	8	14 ·49	22 ·35	13	8	Fri.	8	1 ·00 / 2 ·92	2 ·59	15	9	Wed.	8	3 ·05	8 ·21	17
9	Mon.	9	P ·39	23 ·29	14							10	Thur.	9	4 ·08	9 ·27	18
10	Tues.	10	1 ·29	24 ·22	15	9	Sat.	9	3 ·86	3 ·54	16	11	Fri.	10	5 ·14	10 ·36	19
11	Wed.	11	2 ·19	25 ·16	16	10	Sun.	10	4 ·81	4 ·51	17	12	Sat.	11	6 ·21	11 ·46	20
12	Thur.	12	3 ·10 / 4 ·99	26 ·09	17	11	Mon.	11	5 ·79	5 ·50	18	13	Sun.	12	7 ·30	12 ·56	21
13	Fri.	13	5 ·90	27 ·02 / 1 ·96	18	12	Tues.	12	6 ·78	6 ·52	19	14	Mon.	13	8 ·38	13 ·66	22
14	Sat.	14	6 ·82	2 ·19	19	13	Wed.	13	7 ·79	7 ·55	20	15	Tues.	14	9 ·46	14 ·77	23
15	Sun.	15	7 ·75	3 ·88	20	14	Thur.	14	8 ·82	8 ·60	21	16	Wed.	15	10 ·54	15 ·87	24
16	Mon.	16	8 ·70	4 ·86	21	15	Fri.	15	9 ·87	9 ·66	22	17	Thur.	16	11 ·61	16 ·95	25
17	Tues.	17	9 ·67	5 ·86	22	16	Sat.	16	10 ·93	10 ·75	23	18	Fri.	17	12 ·66	... ...	26
18	Wed.	18	10 ·66	6 ·87	23	17	Sun.	17	... ...	11 ·85	24	19	Sat.	18	13 ·69	17 ·01	27
19	Thur.	19	11 ·66	7 ·91	24	18	Mon.	18	11 ·01	12 ·96	25	20	Sun.	19	14 ·69	18 ·05	28
20	Fri.	20	12 ·69	8 ·98	25	19	Tues.	19	12 ·10	... ...	26	21	Mon.	20	A ·67	19 ·07	29
21	Sat.	21	13 ·74	... ...	26	20	Wed.	20	13 ·19	13 ·07	27	22	Tues.	21	1 ·63	20 ·08	30
22	Sun.	22	14 ·80	9 ·06	27	21	Thur.	21	14 ·28	14 ·17	28	23	Wed.	22	2 ·58	21 ·06	1
23	Mon.	23	A ·88	10 ·15	28	22	Fri.	22	A ·34	15 ·26	29	24	Thur.	23	3 ·51	22 ·03 / 23 ·98	2
24	Tues.	24	1 ·97	11 ·25	29	23	Sat.	23	1 ·38	16 ·33	30	25	Fri.	24	4 ·43	24 ·92	3
25	Wed.	25	... ...	12 ·36	30	24	Sun.	24	2 ·42	17 ·39	1	26	Sat.	25	5 ·34	25 ·86	4
26	Thur.	26	2 ·06	13 ·47	1	25	Mon.	25	3 ·41	18 ·42	2	27	Sun.	26	6 ·25	26 ·79	5
27	Fri.	27	3 ·14	14 ·57	2	26	Tues.	26	4 ·40	19 ·43	3	28	Mon.	27	7 ·14	27 ·72	6
28	Sat.	28	4 ·21	15 ·65	3	27	Wed.	27	5 ·37	20 ·42	4	29	Tues.	28	8 ·05 / 9 ·96	1 ·65	7
29	Sun.	29	5 ·24	16 ·71	4	28	Thur.	28	6 ·32	21 ·39	5	1	Wed.	29	10 ·87	2 ·59	8
30	Mon.	30	6 ·25	17 ·75	5	29	Fri.	29	7 ·25	22 ·36	6	2	Thur.	30	11 ·80	3 ·54	9
31	Tues.	31	7 ·27	18 ·77	6	30	Sat.	30	8 ·16	23 ·31	7	3	Fri.	31	12 ·74	4 ·51	10
						1	Sun.	31	9 ·07 / 10 ·98	24 ·24	8						

Nandana. **Karkaṭaka—Ādi.** *Sukla.* **Āshādha.** *Bahula.* *Nandana.* **Kanyā—Puraṭṭāsi.** *Bahula.* *Nandana.* **Vṛiśchika—Kārttigai.** *Sukla.* **Kārttika.** *Bahula.*

Nandana. **Simha—Āvaṇi.** *Sukla.* **Śrāvana.** *Bahula.* *Nandana.* **Tulā—Aippaśi.** *Sukla.* **Āśvina.** *Bahula.* *Nandana.* **Dhanus—Mārgaḷi.** *Sukla.* **Mārgaśirsha.** *Bahula.*

H. 1062 *Śha'bān.* *H.* 1062 *Ramazān.* *H.* 1062 *Shawwāl.* *H.* 1062 *Zi-l-ka'da.* *H.* 1063 *Muharram.* *H.* 1063 *Śafar.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1653. **Mēsha Sankrānti** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·71.** **Śaka 1575.** **Kaliyuga 4754.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·62.** **(S. Cycle) Vijaya.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Nandana. **Makara—Tai.**	**Jan.**			
4	Sat. 1	**Pausha.** 13 ·70	5 ·49	11
5	Sun. 2	14 ·67	6 ·48	12
6	Mon. 3	**P** ·68	7 ·49	13
7	Tues. 4	1 ·69	8 ·53	14
8	Wed. 5	2 ·72	9 ·59	15
9	Thur. 6	3 ·78	10 ·67	16
10	Fri. 7	4 ·86	11 ·76	17
11	Sat. 8	5 ·96	12 ·86	18
12	Sun. 9	... ...	13 ·96	19
13	Mon. 10	*Bahula.* 6 ·04	.. ...	20
14	Tues. 11	7 ·13	14 ·07	21
15	Wed. 12	8 ·20	15 ·17	22
16	Thur. 13	9 ·26	16 ·26	23
17	Fri. 14	10 ·30	17 ·32	24
18	Sat. 15	11 ·33	18 ·37	25
19	Sun. 16	12 ·33	19 ·40	26
20	Mon. 17	13 ·31	20 ·41	27
21	Tues. 18	14 ·28	21 ·39	28
22	Wed. 19	—**A** ·22	22 ·36	—29
23	Thur. 20	1 ·15	23 ·31	1
24	Fri. 21	2 ·06 3 ·97	24 ·26	2
25	Sat. 22	4 ·89	25 ·20	3
26	Sun. 23	5 ·77	26 ·13	4
27	Mon. 24	*Sukla.* 6 ·68	27 ·06 1 ·99	5
28	Tues. 25	7 ·59	2 ·93	6
—29	Wed. 26	8 ·51	3 ·88	7
1	Thur. 27	9 ·43	4 ·84	8
2	Fri. 28	10 ·38	5 ·81	9
3	Sat. 29	11 ·34	6 ·80	10
4	Sun. 30	12 ·31	7 ·81	11
5	Mon. 31	13 ·31	8 ·85	12
Nandana. **Kumbha—Māsi.**	**Feb.**			
6	Tues. 1	**Māgha.** 14 ·32	9 ·90	13
7	Wed. 2	**P** ·37	10 ·97	14
8	Thur. 3	1 ·43	... ...	15
9	Fri. 4	2 ·50	11 ·06	16
10	Sat. 5	3 ·59	12 ·16	17
11	Sun. 6	4 ·67	13 ·27	18
12	Mon. 7	5 ·76	14 ·38	19
13	Tues. 8	6 ·83	15 ·48	20
14	Wed. 9	*Bahula.* 7 ·90	16 ·56	21
15	Thur. 10	8 ·94	17 ·63	22
16	Fri. 11	9 ·96	18 ·69	23
17	Sat. 12	10 ·95	19 ·72	24
18	Sun. 13	11 ·93	20 ·73	25
19	Mon. 14	12 ·89	21 ·72	26
20	Tues. 15	13 ·83	22 ·69	27
21	Wed. 16	14 ·77	23 ·65	28
22	Thur. 17	—**A** ·68	24 ·60	29
23	Fri. 18	1 ·59	25 ·54	—30
24	Sat. 19	2 ·50	26 ·47	1
25	Sun. 20	3 ·40	27 ·40	2
26	Mon. 21	4 ·30	1 ·33	3
27	Tues. 22	5 ·20	2 ·27	4
28	Wed. 23	6 ·12	3 ·22	5
29	Thur. 24	*Sukla.* 7 ·04 8 ·98	4 ·17	6
—30	Fri. 25	9 ·94	5 ·14	7
1	Sat. 26	**Phāl.** 10 ·93	6 ·12	8
2	Sun. 27	11 ·92	7 ·14	9
3	Mon. 28	12 ·94	8 ·16	10

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Nandana. **Mīna—Pāguni.**	**March.**			
4	Tues. 1	**Phālguna.** 13 ·98	9 ·21	11
5	Wed. 2	... ..	10 ·27	12
6	Thur. 3	14 ·03	11 ·36	13
7	Fri. ○ 4	**P** ·11	12 ·46	14
8	Sat. 5	1 ·19	13 ·57	15
9	Sun. 6	2 ·28	14 ·67	16
10	Mon. 7	3 ·36	15 ·78	17
11	Tues. 8	4 ·43	16 ·87	18
12	Wed. 9	5 ·49	17 ·94	19
13	Thur. 10	*Bahula.* 6 ·53	... ...	20
14	Fri. 11	7 ·56	18 ·00	21
15	Sat. 12	8 ·55	19 ·04	22
16	Sun. 13	9 ·54	20 ·05	23
17	Mon. 14	10 ·49	21 ·04	24
18	Tues. 15	11 ·43	22 ·02 23 ·99	25
19	Wed. 16	12 ·36	24 ·04	26
20	Thur. 17	13 ·27	25 ·88	27
21	Fri. 18	14 ·18	26 ·81	28
22	Sat. ● 19	**A** ·07 1 ·97	27 ·74	—29
23	Sun. 20	2 ·88	1 ·68	1
24	Mon. 21	3 ·79	2 ·61	2
25	Tues. 22	4 ·70	3 ·55	3
26	Wed. 23	5 ·61	4 ·50	4
27	Thur. 24	6 ·56	5 ·47	5
28	Fri. 25	*Sukla.* 7 ·52	6 ·46	6
29	Sat. 26	8 ·50	7 ·46	7
30	Sun. 27	9 ·49	8 ·48	8
—31	Mon. 28	10 ·52	9 ·52	9
1	Tues. 29	11 ·55	10 ·58	10
2	Wed. 30	12 ·60	11 ·66	11
3	Thur. 31	13 ·68	12 ·76	12
Vijaya. **Mēsha—Chittirai.**	**April.**			
4	Fri. 1	**Chaitra.** 14 ·75	13 ·87	13
5	Sat. 2	**P** ·84	14 ·97	14
6	Sun. 3	1 ·92	... ...	15
7	Mon. 4	2 ·99	15 ·08	16
8	Tues. 5	... ..	16 ·17	17
9	Wed. 6	3 ·05	17 ·26	18
10	Thur. 7	*Bahula.* 4 ·10	18 ·32	19
11	Fri. 8	5 ·11	19 ·35	20
12	Sat. 9	6 ·10	20 ·37	21
13	Sun. 10	7 ·09	21 ·37	22
14	Mon. 11	8 ·04 9 ·98	22 ·36	23
15	Tues. 12	10 ·90	23 ·32	24
16	Wed. 13	11 ·82	24 ·27	25
17	Thur. 14	12 ·72	25 ·21	26
18	Fri. 15	13 ·62	26 ·15	27
19	Sat. 16	14 ·52	27 ·09	28
20	Sun. 17	—**A** ·42	1 ·02 2 ·95	29
21	Mon. 18	1 ·33	3 ·89	—30
22	Tues. 19	2 ·24	4 ·83	1
23	Wed. 20	3 ·15	5 ·80	2
24	Thur. 21	4 ·09	6 ·78	3
25	Fri. 22	*Sukla.* 5 ·05	7 ·78	4
26	Sat. 23	6 ·03	8 ·79	5
27	Sun. 24	7 ·02	9 ·83	6
28	Mon. 25	8 ·05	10 ·89	7
29	Tues. 26	9 ·08	11 ·97	8
30	Wed. 27	10 ·13	.. ..	9
—31	Thur. 28	11 ·20	12 ·06	10
1	Fri. 29	12 ·29	13 ·16	11
2	Sat. 30	13 ·36	14 ·27	12

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Vijaya. **Vrishabha—Vaigāsi.**	**May.**			
3	Sun. 1	**Vaiśākha.** 14 ·44	15 ·37	13
4	Mon. 2	**P** ·52	16 ·48	14
5	Tues. 3	1 ·57	17 ·56	15
6	Wed. 4	2 ·61	18 ·63	16
7	Thur. 5	3 ·63	19 ·67	17
8	Fri. 6	4 ·63	20 ·69	18
9	Sat. 7	5 ·60	21 ·70	19
10	Sun. 8	*Bahula.* 6 ·55	22 ·69	20
11	Mon. 9	7 ·49	23 ·66	21
12	Tues. 10	8 ·42	24 ·61	22
13	Wed. 11	9 ·34	25 ·55	23
14	Thur. 12	10 ·24	26 ·49	24
15	Fri. 13	11 ·14	27 ·42	25
16	Sat. 14	12 ·03 13 ·94	1 ·35	26
17	Sun. 15	14 ·83	2 ·28	27
18	Mon. 16	—**A** ·73	3 ·22	28
19	Tues. 17	1 ·66	4 ·17	—29
20	Wed. 18	2 ·61	5 ·14	1
21	Thur. 19	3 ·56	6 ·11	2
22	Fri. 20	4 ·53	7 ·10	3
23	Sat. 21	5 ·53	8 ·11	4
24	Sun. 22	*Sukla.* 6 ·53	9 ·14	5
25	Mon. 23	7 ·56	10 ·20	6
26	Tues. 24	8 ·63	11 ·27	7
27	Wed. 25	9 ·70	12 ·36	8
28	Thur. 26	10 ·78	13 ·46	9
29	Fri. 27	11 ·86	14 ·57	10
30	Sat. 28	12 ·95	15 ·68	11
—31	Sun. 29	.. ...	16 ·78	12
1	Mon. 30	13 ·02	17 ·87	13
2	Tues. 31	14 ·05	18 ·94	14
Vijaya. **Mithuna—Āni.**	**June.**			
3	Wed. 1	**P** ·10	19 ·98	15
4	Thur. 2	1 ·12	... ...	16
5	Fri. 3	2 ·11	20 ·02	17
6	Sat. 4	3 ·09	21 ·03	18
7	Sun. 5	4 ·05 5 ·98	22 ·02 23 ·99	19
8	Mon. 6	6 ·91	24 ·95	20
9	Tues. 7	*Bahula.* 7 ·83	25 ·90	21
10	Wed. 8	8 ·73	26 ·83	22
11	Thur. 9	9 ·62	27 ·76	23
12	Fri. 10	10 ·52	1 ·69	24
13	Sat. 11	11 ·43	2 ·62	25
14	Sun. 12	12 ·32	3 ·56	26
15	Mon. 13	13 ·23	4 ·51	27
16	Tues. 14	14 ·15	5 ·47	28
17	Wed. 15	—**A** ·08	6 ·44	29
18	Thur. 16	1 ·04	7 ·42	—30
19	Fri. 17	2 ·01	8 ·43	1
20	Sat. 18	3 ·00	9 ·46	2
21	Sun. 19	4 ·01	10 ·51	3
22	Mon. 20	5 ·05	11 ·58	4
23	Tues. 21	*Sukla.* 6 ·10	12 ·66	5
24	Wed. 22	7 ·16	13 ·76	6
25	Thur. 23	8 ·24	14 ·88	7
26	Fri. 24	9 ·33	15 ·98	8
27	Sat. 25	10 ·41	... ...	9
28	Sun. 26	11 ·48	16 ·08	10
29	Mon. 27	12 ·54	17 ·17	11
30	Tues. 28	13 ·58	18 ·24	12
31	Wed. 29	14 ·60	19 ·30	13
—32	Thur. 30	**Āshādha.** **P** ·59	20 ·34	14

H. 1063 *Śafar.* *H.* 1063 *Rabī-ul awwal.* *H.* 1063 *Rabī-ul ākhir.* *H.* 1063 *Jamāda'l awwal.* *H.* 1063 *Jamāda'l ākhir.* *H.* 1063 *Rajab.* *H.* 1063 *Sha'bān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1653. **Kollam 829,** { **N. Malabar—Sep.** **Hijra 1064.** **Vikrama 1710.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 12.** **Bengal San. 1059.**
P—Paurnimā. **(N. Cycle) Subhakrit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
				Āshādha.													
									4 ·02								
									5 ·91								
Vijaya.						*Vijaya.*			*Bahula.*			*Vijaya.*			*Bahula.*		
Karkaṭaka—Aṣa.						**Kanyā—Purattāsi.**						**Vṛśchika—Kārttigai.**					
1	Fri.	1	1 ·57	21 ·35	15	1	Thur.	1	6 ·02	2 ·65	18	2	Tues.	1	7 ·68	8 ·05	20
2	Sat.	2	2 ·52	22 ·34	16				5 ·91			3	Wed.	2	8 ·68	9 ·05	21
3	Sun.	3	3 ·46	23 ·32	17	2	Fri.	2	6 ·82	3 ·58	19	4	Thur.	3	9 ·68	10 ·08	22
4	Mon.	4	4 ·39	24 ·28	18	3	Sat.	3	7 ·73	4 ·52	20	5	Fri.	4	10 ·72	11 ·12	23
5	Tues.	5	5 ·31	25 ·23	19	4	Sun.	4	8 ·65	5 ·46	21	6	Sat.	5	11 ·78	12 ·19	24
6	Wed.	6	6 ·21	26 ·17	20	5	Mon.	5	9 ·58	6 ·43	22	7	Sun.	6	12 ·85	13 ·27	25
7	Thur.	7	7 ·10	27 ·10	21	6	Tues.	6	10 ·54	7 ·41	23	8	Mon.	7	13 ·94	14 ·37	26
			8 ·00	1 ·03		7	Wed.	7	11 ·52	8 ·40	24	9	Tues.	8	.. ..	15 ·49	27
8	Fri.	8	9 ·89	2 ·96	22	8	Thur.	8	12 ·51	9 ·41	25	10	Wed.	9	14 ·03	16 ·59	28
			Bahula.		*H.* 1063 *Sha'bān.*						*H.* 1063 *Shawwāl.*						*H.* 1063 *Zi-l-ka'da.*
9	Sat.	9	10 ·80	3 ·90	23	9	Fri.	9	13 ·51	10 ·44	26	—**A**	Thur.	10	·12	17 ·69	29
10	Sun.	10	11 ·71	4 ·85	24	10	Sat.	10	14 ·54	11 ·50	27	1	Fri.	11	1 ·19	18 ·78	30
11	Mon.	11	12 ·63	5 ·80	25	11	Sun.	11	—**A** ·60	12 ·58	28	2	Sat.	12	2 ·25	19 ·86	1
12	Tues.	12	13 ·57	6 ·76	26	12	Mon.	12	1 ·66	13 ·67	—29	3	Sun.	13	3 ·29	20 ·92	2
13	Wed.	13	14 ·52	7 ·75	27	13	Tues.	13	2 ·74	14 ·77	1	4	Mon.	14	4 ·33	21 ·96	3
14	Thur.	14	—**A** ·50	8 ·76	28	14	Wed.	14	3 ·83	15 ·88	2	5	Tues.	15	5 ·33	22 ·97	4
15	Fri.	15	1 ·48	9 ·78	—29	15	Thur.	15	4 ·91	16 ·99	3	6	Wed.	16	6 ·31	23 ·97	5
16	Sat.	16	2 ·49	10 ·82	1	16	Fri.	16	*Sukla.* 5 ·99	... ...	4	7	Thur.	17	7 ·27	24 ·94	6
17	Sun.	17	3 ·52	11 ·88	2	17	Sat.	17	... ...	17 ·09	5	8	Fri.	18	8 ·22	25 ·91	7
18	Mon.	18	4 ·57	12 ·96	3	18	Sun.	18	6 ·05	18 ·17	6	9	Sat.	19	9 ·16	26 ·86	8
19	Tues.	19	5 ·64	... ...	4	19	Mon.	19	7 ·10	19 ·24	7				10 ·07		
20	Wed.	20	6 ·72	13 ·06	5	20	Tues.	20	8 ·12	20 ·29	8	21	Sun.	20	11 ·98	27 ·80	9
21	Thur.	21	7 ·81	14 ·17	6	21	Wed.	21	9 ·13	21 ·31	9	22	Mon.	21	12 ·89	1 ·73	10
22	Fri.	22	8 ·88	15 ·28	7	22	Thur.	22	10 ·11	22 ·33	10	23	Tues.	22	13 ·79	2 ·66	11
23	Sat.	23	9 ·95	16 ·38	8	23	Fri.	23	11 ·07	23 ·31	11	24	Wed.	23	14 ·69	3 ·59	12
24	Sun.	24	... ...	17 ·47	9				12 ·02			25	Thur.	24	**P** ·59	4 ·54	18
25	Mon.	25	10 ·01	18 ·56	10	24	Sat.	24	13 ·94	24 ·28	12	26	Fri.	25	1 ·51	5 ·48	14
26	Tues.	26	11 ·05	19 ·62	11	25	Sun.	25	14 ·86	25 ·24	13	27	Sat.	26	2 ·43	6 ·43	15
27	Wed.	27	12 ·08	20 ·66	12	26	Mon.	26	**P** ·77	26 ·18	14	28	Sun.	27	3 ·38	7 ·39	16
28	Thur.	28	13 ·07	21 ·67	13	27	Tues.	27	1 ·68	27 ·13	15	29	Mon.	28	4 ·34	8 ·37	17
29	Fri.	29	14 ·06	22 ·67	14	28	Wed.	28	2 ·58	1 ·06	16	—30	Tues.	29	5 ·31	9 ·38	18
			P ·01							2 ·99							
30	Sat.	30	1 ·95	23 ·65	15	29	Thur.	29	3 ·47	3 ·92	17	1	Wed.	30	6 ·31	10 ·40	19
—31	Sun.	31	2 ·88	24 ·62	16	30	Fri.	30	4 ·38	4 ·85	18						
	Aug.						**Oct.**						**Dec.**				
1	Mon.	1	3 ·79	25 ·57	17	—31	Sat.	1	5 ·29	5 ·80	19	2	Thur.	1	7 ·32	11 ·43	20
2	Tues.	2	4 ·70	26 ·51	18	1	Sun.	2	6 ·22	6 ·76	20	3	Fri.	2	8 ·36	12 ·49	21
3	Wed.	3	5 ·60	27 ·44	19	2	Mon.	3	7 ·16	7 ·73	21	4	Sat.	3	9 ·42	13 ·57	22
4	Thur.	4	6 ·50	1 ·37	20	3	Tues.	4	8 ·11	8 ·72	22	5	Sun.	4	10 ·50	14 ·67	23
5	Fri.	5	7 ·39	2 ·30	21	4	Wed.	5	9 ·08	9 ·73	23	6	Mon.	5	11 ·59	15 ·78	24
6	Sat.	6	8 ·30	3 ·24	22	5	Thur.	6	10 ·08	10 ·76	24	7	Tues.	6	12 ·67	16 ·89	25
7	Sun.	7	*Bahula.* 9 ·21	4 ·18	23	6	Fri.	7	11 ·08	11 ·82	25	8	Wed.	7	13 ·76	17 ·99	26
8	Mon.	8	10 ·13	5 ·13	24	7	Sat.	8	12 ·11	12 ·89	26	9	Thur.	8	14 ·84	... ...	27
9	Tues.	9	11 ·07	6 ·09	25	8	Sun.	9	13 ·17	13 ·97	27	10	Fri.	9	—**A** ·90	18 ·08	28
			12 ·02			9	Mon.	10	14 ·23	...	28	11	Sat.	10	1 ·94	19 ·17	29
10	Wed.	10	13 ·99	7 ·08	26	10	Tues.	11	—**A** ·32	14 ·07	29	12	Sun.	11	2 ·97	20 ·23	—30
11	Thur.	11	14 ·98	8 ·08	27	11	Wed.	12	1 ·41	15 ·17	—30	13	Mon.	12	3 ·97	21 ·27	1
12	Fri.	12	—**A** ·99	9 ·09	28	12	Thur.	13	2 ·50	16 ·29	1	14	Tues.	13	4 ·96	22 ·29	2
13	Sat.	13	... ...	10 ·13	29	13	Fri.	14	3 ·58	17 ·39	2	15	Wed.	14	5 ·91	23 ·29	3
14	Sun.	14	1 ·01	11 ·19	—30	14	Sat.	15	4 ·64	18 ·48	3	16	Thur.	15	6 ·86	24 ·27	4
15	Mon.	15	2 ·06	12 ·28	1	15	Sun.	16	*Sukla.* 5 ·68	19 ·55	4	17	Fri.	16	7 ·79	25 ·25	5
16	Tues.	16	3 ·14	13 ·37	2	16	Mon.	17	6 ·71	20 ·60	5	18	Sat.	17	8 ·70	26 ·20	6
17	Wed.	17	4 ·22	14 ·47	3	17	Tues.	18	7 ·71	21 ·64	6	19	Sun.	18	9 ·62	27 ·14	7
18	Thur.	18	5 ·30	15 ·58	4	18	Wed.	19	8 ·69	22 ·65	7	20	Mon.	19	10 ·52	1 ·07	8
19	Fri.	19	6 ·39	16 ·68	5	19	Thur.	20	9 ·66	23 ·64	8					2 ·00	
20	Sat.	20	7 ·46	17 ·78	6	20	Fri.	21	*Kārttika.* 10 ·61	24 ·61	9	21	Tues.	20	11 ·43	3 ·94	9
21	Sun.	21	8 ·52	18 ·87	7	21	Sat.	22	11 ·53	25 ·57	10	22	Wed.	21	12 ·33	4 ·37	10
22	Mon.	22	9 ·56	19 ·93	8	22	Sun.	23	12 ·45	26 ·53	11	23	Thur.	22	13 ·23	5 ·81	11
23	Tues.	23	10 ·59	20 ·97	9	23	Mon.	24	13 ·36	27 ·47	12	24	Fri.	23	14 ·15	6 ·76	12
24	Wed.	24	11 ·58	21 ·99	10	24	Tues.	25	14 ·26	1 ·40	13	25	Sat.	24	**P** ·07	7 ·72	13
25	Thur.	25	12 ·56	22 ·99	11	25	Wed.	26	**P** ·17	2 ·32	14				1 ·02		
26	Fri.	26	13 ·52	23 ·99	12	26	Thur.	27	1 ·07	3 ·25	15	26	Sun.	25	2 ·98	8 ·71	14
27	Sat.	27	14 ·47	24 ·95	13				2 ·97			27	Mon.	26	3 ·96	9 ·70	15
28	Sun.	28	**P** ·39	25 ·90	14	27	Fri.	28	3 ·89	4 ·19	16	28	Tues.	27	4 ·96	10 ·71	16
29	Mon.	29	1 ·31	26 ·84	15	28	Sat.	29	4 ·81	5 ·14	17	—29	Wed.	28	5 ·97	11 ·75	17
30	Tues.	30	2 ·22	27 78	16	—29	Sun.	30	5 ·75	6 ·09	18	1	Thur.	29	... ...	12 ·80	18
—31	Wed.	31	3 ·11	1 ·72	17	1	Mon.	31	6 ·71	7 ·06	19	2	Fri.	30	6 ·01	13 ·89	19
												3	Sat.	31	7 ·07	14 ·98	20

															Bahula. 7 ·32	11 ·43	20
															8 ·36	12 ·49	21
															9 ·42	13 ·57	22
															10 ·50	14 ·67	23
															11 ·59	15 ·78	24
															12 ·67	16 ·89	25
															13 ·76	17 ·99	26
															14 ·84	... ...	27
															—**A** ·90	18 ·08	28
															1 ·94	19 ·17	29
															2 ·97	20 ·23	—30
															3 ·97	21 ·27	1
															4 ·96	22 ·29	2
															5 ·91	23 ·29	3
															6 ·86	24 ·27	4
															7 ·79	25 ·25	5
															8 ·70	26 ·20	6
															9 ·62	27 ·14	7
															10 ·52	1 ·07	8
																2 ·00	
															11 ·43	3 ·94	9
															12 ·33	4 ·37	10
															13 ·23	5 ·81	11
															14 ·15	6 ·76	12
															P ·07	7 ·72	13
															1 ·02		
															2 ·98	8 ·71	14
															3 ·96	9 ·70	15
															4 ·96	10 ·71	16
															5 ·97	11 ·75	17
															... ...	12 ·80	18
															6 ·01	13 ·89	19
															7 ·07	14 ·98	20

															Bahula.		
															7 ·32	11 ·43	20
															8 ·36	12 ·49	21
															9 ·42	13 ·57	22
															10 ·50	14 ·67	23
															11 ·59	15 ·78	24
															12 ·67	16 ·89	25
															13 ·76	17 ·99	26
															14 ·84	... ...	27
															—**A** ·90	18 ·08	28
															1 ·94	19 ·17	29
															2 ·97	20 ·23	—30
															3 ·97	21 ·27	1
															4 ·96	22 ·29	2
															5 ·91	23 ·29	3
															6 ·86	24 ·27	4
															7 ·79	25 ·25	5
															8 ·70	26 ·20	6
															9 ·62	27 ·14	7
															10 ·52	1 ·07	8
																2 ·00	
															11 ·43	3 ·94	9
															12 ·33	4 ·37	10
															13 ·23	5 ·81	11
															14 ·15	6 ·76	12
															P ·07	7 ·72	13
															1 ·02		
															2 ·98	8 ·71	14
															3 ·96	9 ·70	15
															4 ·96	10 ·71	16
															5 ·97	11 ·75	17
															... ...	12 ·80	18
															6 ·01	13 ·89	19
															7 ·07	14 ·98	20

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1654. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·97.** **Śaka 1576.** **Kaliyuga 4755.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·88.** **(S. Cycle) Jaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Vijaya. **Makara—Tai.**			*Bahula.*		*H.* 1064 *Śafar.*	*Vijaya.* **Mîna—Pâguni.**			*Śukla.*		*H.* 1064 *Rabi-ul awwal.*	*Jaya.* **Vṛishabha—Vaigâśi.**			*Śukla.*		*H.* 1064 *Jamâda'l awwal.*
4	Sun.	1	8 ·15	: :	21	3	Wed.	1	8 ·74	18 ·00	21	3	Mon.	1	10 ·87	25 ·90	23
5	Mon.	2	9 ·28	15 ·08	22	4	Thur.	2	9 ·80	19 ·09	22	4	Tues.	2	11 ·80	26 ·87	24
6	Tues.	3	10 ·32	16 ·18	23	5	Fri.	3	10 ·84	20 ·16	23	5	Wed.	3	12 ·73	27 ·83	25
7	Wed.	4	11 ·41	17 ·29	24	6	Sat.	4	11 ·85	21 ·21	24	6	Thur.	4	13 ·64	1 ·77	26
8	Thur.	5	12 ·49	18 ·40	25	7	Sun.	5	12 ·85	22 ·26	25	7	Fri.	5	14 ·55	2 ·70	27
9	Fri.	6	13 ·55	19 ·48	26	8	Mon.	6	13 ·83	23 ·27	26	8	Sat.	6	—**A** ·44	3 ·63	28
10	Sat.	7	14 ·59	20 ·54	27	9	Tues.	7	14 ·78	24 ·26	27	9	Sun.	7	1 ·34	4 ·57	—29
11	Sun.	8	—**A** 62	21 ·59	28	10	Wed.	8	—**A** ·72	25 ·24	28	10	Mon.	8	2 ·24	5 ·50	1
12	Mon.	9	1 ·61	22 ·61	—29	11	Thur.	9	1 ·64	26 ·20	—29	11	Tues.	9	3 ·14	6 ·44	2
13	Tues.	10	2 ·59	23 ·62	1	12	Fri.	10	2 ·56	27 ·16	1	12	Wed.	10	4 ·06 5 ·98	7 ·39	3
14	Wed.	11	3 ·56	24 ·61	2	13	Sat.	11	3 ·47	1 ·10	2	13	Thur.	11	6 ·92	8 ·35	4
15	Thur.	12	4 ·51	25 ·58	3	14	Sun.	12	4 ·37	2 ·03 3 ·96	3	14	Fri.	12	7 ·88	9 ·33	5
16	Fri.	13	5 ·43	26 ·53	4	15	Mon.	13	5 ·26	4 ·89	4	15	Sat.	13	8 ·86	10 ·32	6
17	Sat.	14	6 ·33	27 ·48	5	16	Tues.	14	6 ·18	5 ·82	5	16	Sun.	14	9 ·85	11 ·33	7
18	Sun.	15	7 ·25	1 ·42	6	17	Wed.	15	7 ·08	6 ·77	6	17	Mon.	15	10 ·85	12 ·36	8
19	Mon.	16	8 ·15	2 ·35	7				8 ·99			18	Tues.	16	11 ·90	13 ·41	9
20	Tues.	17	9 ·05 10 ·96	3 ·28	8	18	Thur.	16	9 ·92	7 ·72	7	19	Wed.	17	12 ·96	14 ·49	10
21	Wed.	18	11 ·87	4 ·21	9	19	Fri.	17	10 ·86	8 ·69	8	20	Thur.	18	... ...	15 ·58	11
22	Thur.	19	12 ·78	5 ·15	10	20	Sat.	18	11 ·83	9 ·67	9	21	Fri.	19	13 ·04	16 ·68	12
23	Fri.	20	13 ·72	6 ·09	11	21	Sun.	19	12 ·80	10 ·67	10	22	Sat.	20	14 ·11	17 ·79	13
24	Sat.	21	14 ·67	7 ·06	12	22	Mon.	20	13 ·80	11 ·70	11	23	Sun.	21	P 20	18 ·89	14
25	Sun.	22	P ·62	8 ·03	13	23	Tues.	21	14 ·82	12 ·74	12	24	Mon.	22	1 ·27	. :	15
26	Mon.	23	1 ·60	9 ·02	14	24	Wed.	22	P ·86	13 ·80	13	25	Tues.	23	2 ·38	19 ·00	16
27	Tues.	24	2 ·59	10 ·03	15	25	Thur.	23	1 ·92	14 ·88	14	26	Wed.	24	3 ·38	20 ·09	17
28	Wed.	25	3 ·62	11 ·06	16	26	Fri.	24	2 ·99	15 ·97	15	27	Thur.	25	4 ·42	21 ·16	18
29	Thur.	26	4 ·66	12 ·12	17	27	Sat.	25	: :	: :	16	28	Fri.	26	5 ·45	22 ·20	19
—30	Fri.	27	5 ·72	13 ·19	18	28	Sun.	26	3 ·08	16 ·08	17	29	Sat.	27	6 ·44	23 ·23	20
1	Sat.	28	6 ·79	14 ·28	19	29	Mon.	27	4 ·16	17 ·19	18	30	Sun.	28	7 ·42	24 ·24	21
2	Sun.	29	7 ·88	15 ·38	20	—30	Tues.	28	5 ·25	18 ·30	19	—31	Mon.	29	8 ·37	25 ·24	22
3	Mon.	30	8 ·97	16 ·48	21	1	Wed.	29	6 ·32	19 ·39	20	1	Tues.	30	9 ·31	26 ·21	23
4	Tues.	31	... ...	17 ·59	22	2	Thur.	30	7 ·38	20 ·47	21	2	Wed.	31	10 ·23	27 ·16	24
	Feb.					3	Fri.	31	8 ·41	21 ·54	22		**June.**				
Vijaya. **Kumbha—Mâśi.**			*Śukla.*		*H.* 1064 *Rabi-ul ākhir.*		**April.**					*Jaya.* **Mithuna—Âṣâdha.**			*Śukla.*		*H.* 1064 *Śa'bân.*
5	Wed.	1	9 ·05	18 ·70	23	4	Sat.	1	9 ·41	22 ·57	23	3	Thur.	1	11 ·14	1 ·11	25
6	Thur.	2	10 ·13	19 ·78	24	5	Sun.	2	10 ·41	23 ·59	24	4	Fri.	2	12 ·05 12 ·94	2 ·04 3 ·98	26
7	Fri.	3	11 ·19	20 ·85	25	6	Mon.	3	11 ·39	24 ·59	25	5	Sat.	3	14 ·84	4 ·91	27
8	Sat.	4	12 ·24	21 ·90	26	7	Tues.	4	12 ·34	25 ·57	26	6	Sun.	4	—**A** ·74	5 ·84	28
9	Sun.	5	13 ·25	22 ·93	27	8	Wed.	5	13 ·28	26 ·54	27	7	Mon.	5	1 ·64	6 ·78	29
10	Mon.	6	14 ·24	23 ·95	28	9	Thur.	6	14 ·21	27 ·49	28	8	Tues.	6	2 ·55	7 ·72	—30
11	Tues. ●	7	—**A** ·22	24 ·94	29	10	Fri.	7	—**A** ·12	1 ·43	29	9	Wed.	7	3 ·47	8 ·69	1
12	Wed.	8	1 ·18	25 ·91	—30	11	Sat.	8	1 ·02 2 ·93	2 ·37	—30	10	Thur.	8	4 ·41	9 ·66	2
13	Thur.	9	2 ·13	26 ·87	1	12	Sun.	9	3 ·82	3 ·29	1	11	Fri.	9	5 ·36	10 ·64	3
14	Fri.	10	3 ·05 4 ·97	27 ·82	2	13	Mon.	10	4 ·73	4 ·22	2	12	Sat.	10	6 ·34	11 ·65	4
15	Sat.	11	5 ·87	1 ·76	3	14	Tues.	11	5 ·63	5 ·17	3	13	Sun.	11	7 ·33	12 ·67	5
16	Sun.	12	6 ·78	2 ·69	4	15	Wed.	12	6 ·54	6 ·11	4	14	Mon.	12	8 ·34	13 ·73	6
17	Mon.	13	7 ·68	3 ·62	5	16	Thur.	13	7 ·46	7 ·05	5	15	Tues.	13	9 ·38	14 ·80	7
18	Tues.	14	8 ·58	4 ·55	6	17	Fri.	14	8 ·40	8 ·02 9 ·99	6	16	Wed.	14	10 ·43	15 ·88	8
19	Wed.	15	9 ·49	5 ·48	7							17	Thur.	15	11 ·50	16 ·98	9
20	Thur.	16	10 ·40	6 ·43	8	18	Sat.	15	9 ·37	... ...	7	18	Fri.	16	12 ·57	... ..	10
21	Fri.	17	11 ·33	7 ·39	9	19	Sun.	16	10 ·34	10 ·00	8	19	Sat.	17	13 ·67	17 ·09	11
22	Sat.	18	12 ·27	8 ·36	10	20	Mon.	17	11 ·34	11 ·01	9	20	Sun.	18	14 ·74	18 ·19	12
23	Sun.	19	13 ·24	9 ·34	11	21	Tues.	18	12 ·36	12 ·05	10	21	Mon.	19	P ·81	19 ·30	13
24	Mon.	20	14 ·22	10 ·35	12	22	Wed.	19	13 ·40	13 ·11	11	22	Tues.	20	1 ·87	20 ·39	14
25	Tues. ○	21	P ·21	11 ·38	13	23	Thur.	20	14 ·45	14 ·18	12	23	Wed.	21	2 ·91	21 ·46	15
26	Wed.	22	1 ·24	12 ·43	14	24	Fri.	21	P ·52	15 ·28	13	24	Thur.	22	3 ·92	22 ·52	16
27	Thur.	23	2 ·27	13 ·49	15	25	Sat.	22	1 ·60	16 ·38	14	25	Fri.	23	4 ·91	23 ·55	17
28	Fri.	24	3 ·34	14 ·58	16	26	Sun.	23	2 ·69	17 ·49	15	26	Sat.	24	5 ·90	24 ·57	18
29	Sat.	25	4 ·41	15 ·67	17	27	Mon.	24	3 ·77	18 ·60	16	27	Sun.	25	6 ·84	25 ·56	19
—30	Sun.	26	5 ·50	16 ·78	18	28	Tues.	25	4 ·84	19 ·69	17	28	Mon.	26	7 ·79	26 ·54	20
1	Mon.	27	6 ·59	17 ·90	19	29	Wed.	26	5 ·90	20 ·78	18	29	Tues.	27	8 ·71	27 ·50	21
2	Tues.	28	7 ·67	... ...	20	30	Thur.	27	6 ·93	21 ·85	19	30	Wed.	28	9 ·62	1 ·45	22
						—31	Fri.	28	7 ·95	22 ·89	20	31	Thur.	29	10 ·52	2 ·39	23
						1	Sat.	29	8 ·94	23 ·91	21	—32	Fri.	30	11 ·42	3 ·32	24
						2	Sun.	30	9 ·92	24 ·01	22						

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1654. **Kollam 830,** { **N. Malabar—Sep.** **Hijra 1065.** **Vikrama 1711.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 1.** **Bengal San. 1060.**
P—Paurnimā. **(N. Cycle) Śobhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day. English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Sat.	1	12 ·31	4 ·25	25	1	Fri.	1	1 ·82	12 ·63	28	1	Wed.	1	2 ·24	18 ·69	1
2	Sun.	2	18 ·21	5 ·18	26	2	Sat.	2	2 ·83	13 ·66	—29	2	Thur.	2	3 ·33	19 ·81	2
3	Mon.	3	14 ·12	6 ·11	27	3	Sun.	3	3 ·87	14 ·72	1	3	Fri.	3	4 ·42	20 ·91	3
4	Tues.	4	A ·03	7 ·07	28	4	Mon.	4	4 ·92	15 ·79	2	4	Sat.	4	5 ·50	... ...	4
			1 ·95			5	Tues.	5	5 ·98	16 ·89	3	5	Sun.	5	6 ·55	21 ·00	5
5	Wed.	5	2 ·88	8 ·02	—29	6	Wed.	6	... ...	17 ·99	4	6	Mon.	6	7 ·59	22 ·08	6
				9 ·98		7	Thur.	7	6 ·07	.. ...	5	7	Tues.	7	8 ·62	23 ·13	7
6	Thur.	6	3 ·85	10 ·97	1	8	Fri.	8	7 ·15	18 ·10	6	8	Wed.	8	9 ·61	24 ·17	8
7	Fri.	7	4 ·81	11 ·97	2	9	Sat.	9	8 ·23	19 ·20	7	9	Thur.	9	10 ·61	25 ·18	9
8	Sat.	8	5 ·89	... ...	3	10	Sun.	10	9 ·30	20 ·30	8	10	Fri.	10	11 ·56	26 ·19	10
9	Sun.	9	6 ·82	12 ·00	4	11	Mon.	11	10 ·37	21 ·39	9	11	Sat.	11	12 ·51	27 ·16	11
10	Mon.	10	7 ·86	13 ·04	5	12	Tues.	12	11 ·41	22 ·46	10	12	Sun.	12	13 ·44	1 ·12	12
11	Tues.	11	8 ·92	14 ·10	6	13	Wed.	13	12 ·43	23 ·51	11	13	Mon.	13	14 ·36	2 ·07	13
12	Wed.	12	9 ·98	15 ·18	7	14	Thur.	14	13 ·43	24 ·53	12					3 ·02	
13	Thur.	13	... ...	16 ·28	8	15	Fri.	15	14 ·41	25 ·54	13	14	Tues.	14	P ·27	4 ·95	14
14	Fri.	14	10 ·06	17 ·38	9	16	Sat.	16	P 38	26 53	14	15	Wed.	15	1 ·16	5 ·88	15
15	Sat.	15	11 ·14	18 ·50	10	17	Sun.	17	1 ·32	27 ·50	15				2 ·07		
16	Sun.	16	12 ·21	19 ·60	11	18	Mon.	18	2 ·25	1 ·46	16	16	Thur.	16	3 ·97	6 ·81	16
17	Mon.	17	13 ·28	20 ·70	12	19	Tues.	19	3 ·16	2 ·40	17	17	Fri.	17	4 ·88	7 ·75	17
18	Tues.	18	14 ·34	21 ·77	13				4 ·07			18	Sat.	18	5 ·79	8 ·70	18
19	Wed.	19	P ·39	22 ·83	14	20	Wed.	20	5 ·97	3 ·34	18	19	Sun.	19	6 ·72	9 ·65	19
20	Thur.	20	1 ·40	23 ·88	15	21	Thur.	21	6 ·87	4 ·27	19	20	Mon.	20	7 ·65	10 ·61	20
21	Fri.	21	2 ·40	24 ·89	16	22	Fri.	22	7 ·77	5 ·21	20	21	Tues.	21	8 ·61	11 ·59	21
22	Sat.	22	3 ·38	25 ·89	17	23	Sat.	23	8 ·67	6 ·14	21	22	Wed.	22	9 ·60	12 ·59	22
23	Sun.	23	4 ·33	26 ·87	18	24	Sun.	24	9 ·59	7 ·07	22	23	Thur.	23	10 ·59	13 ·62	23
24	Mon.	24	5 ·27	27 ·83	19	25	Mon.	25	10 ·51	8 ·02	23	24	Fri.	24	11 ·61	14 ·66	24
25	Tues.	25	6 ·20	1 ·79	20					9 ·97		25	Sat.	25	12 ·66	15 ·71	25
26	Wed.	26	7 ·12	2 ·73	21	26	Tues.	26	11 ·45	10 ·95	24	26	Sun.	26	13 ·71	16 ·79	26
27	Thur.	27	8 ·01	3 ·66	22	27	Wed.	27	12 ·39	11 ·94	25	27	Mon.	27	14 ·78	17 ·89	27
			9 ·92			28	Thur.	28	13 ·38	12 ·95	26	28	Tues.	28	A ·87	18 ·99	28
28	Fri.	28	10 ·81	4 ·59	23	29	Fri.	29	14 ·37	13 ·98	27	—29	Wed.	29	1 ·96	... ...	29
29	Sat.	29	11 ·72	5 ·52	24	30	Sat.	30	—A ·38	... ...	28	1	Thur.	30	... ...	19 ·11	—30
30	Sun.	30	12 ·61	6 ·46	25												
—31	Mon.	31	13 ·52	7 ·40	26												
	Aug.						**Oct.**						**Dec.**				
1	Tues.	1	14 ·45	8 ·35	27	—31	Sun.	1	1 ·43	14 ·03	29	2	Fri.	1	2 ·04	20 ·21	1
2	Wed.	2	—A ·57	9 ·31	28	1	Mon.	2	2 ·48	15 ·10	—30	3	Sat.	2	3 ·18	21 ·30	2
3	Thur.	3	1 ·33	10 ·29	29	2	Tues.	3	3 ·55	16 ·19	1	4	Sun.	3	4 ·19	22 ·38	3
4	Fri.	4	2 ·30	11 ·29	—30	3	Wed.	4	4 ·64	17 ·29	2	5	Mon.	4	5 ·24	23 ·44	4
5	Sat.	5	3 ·30	12 ·31	1	4	Thur.	5	5 ·72	18 ·39	3	6	Tues.	5	6 ·25	24 ·49	5
6	Sun.	6	4 ·30	13 ·35	2	5	Fri.	6	6 ·80	19 ·50	4	7	Wed.	6	7 ·26	25 ·51	6
7	Mon.	7	5 ·34	14 ·41	3	6	Sat.	7	7 ·88	20 ·61	5	8	Thur.	7	8 ·24	26 ·51	7
8	Tues.	8	6 ·40	15 ·49	4	7	Sun.	8	8 ·94	21 ·70	6	9	Fri.	8	9 ·19	27 ·49	8
9	Wed.	9	7 ·46	16 ·58	5	8	Mon.	9	9 ·98	22 ·77	7	10	Sat.	9	10 ·14	1 ·46	9
10	Thur.	10	8 ·54	17 ·69	6	9	Tues.	10	... ...	23 ·82	8	11	Sun.	10	11 ·07	2 ·42	10
11	Fri.	11	9 ·63	18 ·80	7	10	Wed.	11	10 ·01	24 ·85	9				12 ·98		
12	Sat.	12	10 ·72	19 ·90	8	11	Thur.	12	11 ·01	25 ·86	10	12	Mon.	11	13 ·89	3 ·36	11
13	Sun.	13	11 ·78	... ...	9	12	Fri.	13	12 ·00	26 ·86	11	13	Tues.	12	14 ·80	4 ·29	12
14	Mon.	14	12 ·83	20 ·00	10				13 ·95			14	Wed.	13	P ·79	5 ·22	13
15	Tues.	15	13 ·88	21 ·08	11	13	Sat.	14	14 ·89	27 ·83	12	15	Thur.	14	1 ·60	6 ·15	14
16	Wed.	16	14 ·90	22 ·15	12	14	Sun.	15	P ·83	1 ·79	13	16	Fri.	15	2 ·51	7 ·09	15
17	Thur.	17	P ·90	23 ·19	13	15	Mon.	16	1 ·74	2 ·74	14					8 ·03	
18	Fri.	18	1 ·88	24 ·21	14	16	Tues.	17	2 ·65	3 ·67	15	17	Sat.	16	3 ·43	9 ·98	16
19	Sat.	19	2 ·84	25 ·21	15	17	Wed.	18	3 ·55	4 ·61	16	18	Sun.	17	4 ·36	10 ·94	17
20	Sun.	20	3 ·78	26 ·19	16	18	Thur.	19	4 ·45	5 ·54	17	19	Mon.	18	5 ·30	11 ·91	18
21	Mon.	21	4 ·71	27 ·17	17	19	Fri.	20	5 ·35	6 ·47	18	20	Tues.	19	6 ·26	12 ·92	19
22	Tues.	22	5 ·62	1 ·12	18	20	Sat.	21	6 ·27	7 ·41	19	21	Wed.	20	7 ·24	13 ·93	20
23	Wed.	23	6 ·52	2 ·06	19	21	Sun.	22	7 ·18	8 ·35	20	22	Thur.	21	8 ·25	14 ·97	21
				3 ·00		22	Mon.	23	8 ·10	9 ·31	21	23	Fri.	22	9 ·26	... ...	22
24	Thur.	24	7 ·42	4 ·93	20				9 ·04			24	Sat.	23	10 ·29	15 ·02	23
25	Fri.	25	8 ·32	5 ·86	21	23	Tues.	24	10 ·99	10 ·28	22	25	Sun.	24	11 ·36	16 ·10	24
26	Sat.	26	9 ·23	6 ·80	22	24	Wed.	25	11 ·98	11 ·27	23	26	Mon.	25	12 ·44	17 ·19	25
27	Sun.	27	10 ·13	7 ·74	23	25	Thur.	26	12 ·97	12 ·27	24	27	Tues.	26	13 ·53	18 ·30	26
28	Mon.	28	11 ·04	8 ·68	24	26	Fri.	27	13 ·98	13 ·29	25	28	Wed.	27	14 ·61	19 ·40	27
			12 ·96			27	Sat.	28	... ...	14 ·34	26	29	Thur.	28	—A ·71	20 ·51	28
29	Tues.	29	13 ·89	9 ·64	25	28	Sun.	29	14 ·02	15 ·41	27	—30	Fri.	29	1 ·78	21 ·61	—29
30	Wed.	30	14 ·85	10 ·62	26	29	Mon.	30	—A ·07	16 ·49	28	1	Sat.	30	2 ·84	22 ·69	1
—31	Thur.	31	—A ·82	11 ·62	27	—30	Tues.	31	1 ·15	17 ·59	—29	2	Sun.	31	3 ·89	23 ·76	2

Jaya. **Karkaṭaka—Ādi.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *H.* 1064 *Ramażān.* *H.* 1064 *Shawwāl.* *H.* 1064 *Żi-l-ka'da.* *H.* 1064 *Żi-l-hijja.* *H.* 1065 *Muharram.* *H.* 1065 *Ṣafar.*

Jaya. **Siṁha—Āvani.** *Śukla.* **Adhika Bhādrapada.** *Bahula.* **Āśvina.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśirsha.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *H.* 1064 *Shawwāl.* *H.* 1065 *Żi-l-ka'da.* *H.* 1065 *Żi-l-hijja.* *H.* 1066 *Muharram.* *H.* 1066 *Ṣafar.*

Jaya. **Kanyā—Purattāśi.** *Bahula.* **Nija Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *H.* 1064 *Żi-l-ka'da.* *H.* 1065 *Muharram.*

Jaya. **Tulā—Aippaśi.** *Śukla.* **Āśvina.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *H.* 1064 *Żi-l-hijja.* *H.* 1065 *Muharram.* *H.* 1065 *Ṣafar.*

Jaya. **Vṛiśchika—Kārttigai.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśirsha.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *H.* 1065 *Muharram.* *H.* 1065 *Ṣafar.* *H.* 1066 *Rabi' I.*

Jaya. **Dhanus—Mārgali.** *Śukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Śukla.* **Māgha.** *H.* 1065 *Ṣafar.* *H.* 1066 *Rabi' I.* *H.* 1066 *Rabi' II.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1655. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·22.** **Śaka 1577.** **Kaliyuga 4756.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·13.** **(S. Cycle) Manmatha.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Jaya. **Makara—Tai.**	**Jan.**				
3	Mon.	1	4 ·90	24 ·81	3
4	Tues.	2	5 ·90	25 ·83	4
5	Wed.	3	6 ·89	26 ·84	5
6	Thur.	4	7 ·85	27 ·82	6
7	Fri.	5	8 ·78	1 ·80	7
8	Sat.	6	9 ·70	2 ·75	8
9	Sun.	7	10 ·63	3 ·69	9
10	Mon.	8	11 ·54	4 ·63	10
11	Tues.	9	12 ·44	5 ·56	11
12	Wed.	10	13 ·34	6 ·50	12
13	Thur.	11	14 ·24	7 ·43	13
14	Fri.	12	P ·15	8 ·37	14
15	Sat.	13	1 ·07	9 ·31	15
16	Sun.	14	2 ·00 3 ·94	10 ·27	16
17	Mon.	15	4 ·90	11 ·24	17
18	Tues.	16	5 ·88	12 ·24	18
19	Wed.	17	6 ·89	13 ·25	19
20	Thur.	18	7 ·91	14 ·28	20
21	Fri.	19	8 ·96	15 ·33	21
22	Sat.	20	... ...	16 ·40	22
23	Sun.	21	9 ·02	17 ·50	23
24	Mon.	22	10 ·09	18 ·60	24
25	Tues.	23	11 ·18	19 ·70	25
26	Wed.	24	12 ·26	20 ·81	26
27	Thur.	25	13 ·35	21 ·91	27
28	Fri.	26	14 ·43	... ...	28
—29	Sat. ●	27	A ·49	22 ·00	29
1	Sun.	28	1 ·52	23 ·07	—30
2	Mon.	29	2 ·53	24 ·12	1
3	Tues.	30	3 ·54	25 ·15	2
4	Wed.	31	4 ·52	26 ·16	3
	Feb.				
5	Thur.	1	5 ·48	27 ·16	4
6	Fri.	2	6 ·40	1 ·13	5
7	Sat.	3	7 ·33	2 ·09	6
8	Sun.	4	8 ·25	3 ·03 4 ·97	7
9	Mon.	5	9 ·16	5 ·91	8
10	Tues.	6	10 ·06 11 ·96	6 ·84	9
11	Wed.	7	12 ·87	7 ·77	10
12	Thur.	8	13 ·77	8 ·70	11
13	Fri.	9	14 ·69	9 ·65	12
14	Sat.	10	P ·62	10 ·60	13
15	Sun.	11	1 ·57	11 ·58	14
16	Mon.	12	2 ·52	12 ·56	15
17	Tues.	13	3 ·51	13 ·57	16
18	Wed.	14	4 ·51	14 ·59	17
19	Thur.	15	5 ·53	15 ·64	18
20	Fri.	16	6 ·58	16 ·71	19
21	Sat.	17	7 ·63	17 ·80	20
22	Sun.	18	8 ·71	18 ·89	21
23	Mon.	19	9 ·81	... ...	22
24	Tues.	20	10 ·89	19 ·00	23
25	Wed.	21	11 ·97	20 ·11	24
26	Thur	22	... ...	21 ·22	25
27	Fri.	23	13 ·04	22 ·31	26
28	Sat.	24	13 ·10	23 ·38	27
29	Sun.	25	14 ·14	24 ·44	28
—30	Mon.	26	A ·15	25 ·47	—29
1	Tues.	27	1 ·15	26 ·49	1
2	Wed.	28	2 ·12	27 ·48	2

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Jaya. **Mīna—Paṅguni.**	**March.**				
3	Thur.	1	3 ·08	1 ·46	3
4	Fri.	2	4 ·01 5 ·94	2 ·42	4
5	Sat.	3	6 ·85	3 ·37	5
6	Sun.	4	7 ·76	4 ·30	6
7	Mon.	5	8 ·66	5 ·25	7
8	Tues.	6	9 ·57	6 ·18	8
9	Wed.	7	10 ·46	7 ·11	9
10	Thur.	8	11 ·36	8 ·04 9 ·98	10
11	Fri.	9	12 ·28	10 ·94	11
12	Sat.	10	13 ·21	11 ·91	12
13	Sun.	11	14 ·16	12 ·89	13
14	Mon.	12	P ·12	13 ·89	14
15	Tues.	13	1 ·11	14 ·91	15
16	Wed.	14	2 ·10	15 ·96	16
17	Thur.	15	3 ·13	... ...	17
18	Fri.	16	4 ·17	16 ·02	18
19	Sat.	17	5 ·22	17 ·10	19
20	Sun.	18	6 ·30	18 ·19	20
21	Mon.	19	7 ·39	19 ·30	21
22	Tues.	20	8 ·48	20 ·48	22
23	Wed.	21	9 ·56	21 ·52	23
24	Thur.	22	10 ·63	22 ·61	24
25	Fri.	23	11 ·68	23 ·69	25
26	Sat.	24	12 ·72	24 ·75	26
27	Sun.	25	13 ·72	25 ·78	27
28	Mon.	26	14 ·72	26 ·81	28
29	Tues.	27	A ·69	27 ·81	29
—30	Wed.	28	1 ·65	1 ·79	—30
1	Thur.	29	2 ·59	2 ·75	1
2	Fri.	30	3 ·51	3 ·70	2
3	Sat.	31	4 ·42	4 ·65	3
	April.				
4	Sun.	1	5 ·33	5 ·58	4
5	Mon.	2	6 ·22	6 ·51	5
6	Tues.	3	7 ·12	7 ·44	6
7	Wed.	4	8 ·02 9 ·93	8 ·38	7
8	Thur.	5	10 ·84	9 ·33	8
9	Fri.	6	11 ·77	10 ·27	9
10	Sat.	7	12 ·71	11 ·24	10
11	Sun.	8	13 ·67	12 ·21	11
12	Mon.	9	14 ·66	13 ·21	12
13	Tues.	10	P ·65	14 ·23	13
14	Wed.	11	1 ·69	15 ·27	14
15	Thur.	12	2 ·72	16 ·33	15
16	Fri.	13	3 ·77	17 ·40	16
17	Sat.	14	4 ·84	18 ·49	17
18	Sun.	15	5 ·93	19 ·60	18
19	Mon.	16	... ...	20 ·71	19
20	Tues.	17	6 ·02	21 ·82	20
21	Wed.	18	7 ·10	22 ·91	21
22	Thur.	19	8 ·17	23 ·99	22
23	Fri.	20	9 ·22	... ...	23
24	Sat.	21	10 ·26	24 ·06	24
25	Sun.	22	11 ·26	25 ·11	25
26	Mon.	23	12 ·25	26 ·13	26
27	Tues.	24	13 ·23	27 ·13	27
28	Wed.	25	14 ·18	1 ·12	28
29	Thur.	26	A ·12	2 ·08	—29
30	Fri.	27	1 ·04 2 ·95	3 ·05 4 ·99	1
—31	Sat.	28	3 ·85	5 ·92	2
1	Sun.	29	4 ·76	6 ·85	3
2	Mon.	30	5 ·65	7 ·78	4

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Manmatha. **Vrishabha—Vaigāśi.**	**May.**				
3	Tues.	1	6 ·55	8 ·72	5
4	Wed.	2	7 ·45	9 ·66	6
5	Thur.	3	8 ·36	10 ·61	7
6	Fri.	4	9 ·29	11 ·57	8
7	Sat.	5	10 ·24	12 ·54	9
8	Sun.	6	11 ·20	13 ·54	10
9	Mon.	7	12 ·17	14 ·55	11
10	Tues.	8	13 ·16	15 ·58	12
11	Wed.	9	14 ·19	16 ·63	13
12	Thur.	10	P ·23	17 ·71	14
13	Fri.	11	1 ·29	18 ·79	15
14	Sat.	12	2 ·35	19 ·90	16
15	Sun.	13	3 ·44	... ...	17
16	Mon.	14	4 ·53	20 ·01	18
17	Tues.	15	5 ·60	21 ·12	19
18	Wed.	16	6 ·67	22 ·22	20
19	Thur.	17	7 ·72	23 ·31	21
20	Fri.	18	8 ·76	24 ·38	22
21	Sat.	19	9 ·77	25 ·42	23
22	Sun.	20	10 ·77	26 ·45	24
23	Mon.	21	11 ·74	27 ·46	25
24	Tues.	22	12 ·70	1 ·45	26
25	Wed.	23	13 ·63	2 ·43	27
26	Thur.	24	14 ·54	3 ·38	28
27	Fri.	25	A ·45	4 ·33	29
28	Sat.	26	1 ·35	5 ·26	—30
29	Sun.	27	2 ·25	6 ·19	1
30	Mon.	28	3 ·14	7 ·13	2
—31	Tues.	29	4 ·05 5 ·96	8 ·07	3
1	Wed.	30	6 ·87	9 ·00 10 ·94	4
2	Thur.	31	7 ·79	11 ·90	5
	June.				
3	Fri.	1	8 ·73	12 ·88	6
4	Sat.	2	9 ·69	13 ·86	7
5	Sun.	3	10 ·66	14 ·87	8
6	Mon.	4	11 ·64	15 ·90	9
7	Tues.	5	12 ·68	16 ·94	10
8	Wed.	6	13 ·71	... ...	11
9	Thur.	7	14 ·77	17 ·02	12
10	Fri.	8	P ·84	18 ·10	13
11	Sat.	9	1 ·92	19 ·20	14
12	Sun.	10	... ...	20 ·31	15
13	Mon.	11	2 ·00	21 ·41	16
14	Tues.	12	3 ·08	22 ·52	17
15	Wed.	13	4 ·15	23 ·61	18
16	Thur.	14	5 ·20	24 ·68	19
17	Fri.	15	6 ·24	25 ·74	20
18	Sat.	16	7 ·25	26 ·77	21
19	Sun.	17	8 ·24	27 ·78	22
20	Mon.	18	9 ·21	1 ·78	23
21	Tues.	19	10 ·17	2 ·76	24
22	Wed.	20	11 ·11	3 ·71	25
23	Thur.	21	12 ·03 13 ·94	4 ·66	26
24	Fri.	22	14 ·84	5 ·60	27
25	Sat.	23	A ·73	6 ·54	28
26	Sun.	24	1 ·63	7 ·47	—29
27	Mon.	25	2 ·54	8 ·40	1
28	Tues.	26	3 ·48	9 ·33	2
29	Wed.	27	4 ·35	10 ·28	3
30	Thur.	28	5 ·27	11 ·24	4
31	Fri.	29	6 ·21	12 ·20	5
—32	Sat.	30	7 ·16	13 ·10	6

Cyclic sidereal year, month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Sukla. **Vaiśākha.**			
3	8 ·73	12 ·88	6
4	9 ·69	13 ·86	7
5	10 ·66	14 ·87	8
6	11 ·64	15 ·90	9
7	12 ·68	16 ·94	10
8	13 ·71	... ...	11
9	14 ·77	17 ·02	12
10	P ·84	18 ·10	13
11	1 ·92	19 ·20	14
12	... ...	20 ·31	15
13	2 ·00	21 ·41	16
14	3 ·08	22 ·52	17
15	4 ·15	23 ·61	18
16	5 ·20	24 ·68	19
17	6 ·24	25 ·74	20
18	7 ·25	26 ·77	21
19	8 ·24	27 ·78	22
20	9 ·21	1 ·78	23
21	10 ·17	2 ·76	24
22	11 ·11	3 ·71	25
23	12 ·03 13 ·94	4 ·66	26
24	14 ·84	5 ·60	27
25	A ·73	6 ·54	28
26	1 ·63	7 ·47	—29
27	2 ·54	8 ·40	1
28	3 ·48	9 ·33	2
29	4 ·35	10 ·28	3
30	5 ·27	11 ·24	4
31	6 ·21	12 ·20	5
—32	7 ·16	13 ·10	6

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1655. **Kollam 831,** { **N. Malabar—Sep.** **Hijra 1066.** **Vikrama 1712.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 21.** **Bengal San. 1061.**
P—Paurnimā. **(N. Cycle) Krodhin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
Manmatha. **Karkataka—Ādi.**		*Sukla.* **Āshādha.**			*Manmatha.* **Kanyā—Purattāsi.**		*Bahula.* **Bhādrapada.**			*Manmatha.* **Vṛischika—Kārttigai.**		*Sukla.* **Mārgaśirsha.**		
1	Sun. 1	8 ·14	14 ·19	7	—31	Sat. 1	11 ·47	21 ·32	10	1	Thur. 1	13 ·91	27 ·39	13
2	Mon. 2	9 ·13	15 ·21	8	1	Sun. 2	12 ·55	22 ·42	11	2	Fri. 2	14 ·88	1 ·40	13
3	Tues. 3	10 ·15	16 ·26	9	2	Mon. 3	13 ·63	23 ·52	12	3	Sat. 3	P ·84	2 ·41	14
4	Wed. 4	11 ·19	17 ·32	10	3	Tues. 4	14 ·69	24 ·60	13	4	Sun. 4	1 ·79	3 ·38	15
5	Thur. 5	12 ·25	18 ·41	11	4	Wed. 5	P ·74	25 ·68	14	5	Mon. 5	2 ·72	4 ·34	16
6	Fri. 6	13 ·32	19 ·50	12	5	Thur. 6	1 ·75	26 ·73	15	6	Tues. 6	3 ·64	5 ·29	17
7	Sat. 7	14 ·39	20 ·61	13	6	Fri. 7	2 ·74	27 ·75	16	7	Wed. 7	4 ·54	6 ·23	18
8	Sun. 8	P ·46	21 ·71	14	7	Sat. 8	3 ·72	1 ·76	17	8	Thur. 8	5 ·44	7 ·17	19
9	Mon. 9	1 ·54	22 ·82	15	8	Sun. 9	4 ·68	2 ·74	18	9	Fri. 9	6 ·34	8 ·10	20
10	Tues. 10	2 ·62	23 ·92	16	9	Mon. 10	5 ·62	3 ·72	19	10	Sat. 10	7 ·25	9 ·03	21
11	Wed. 11	3 ·69	24 ·99	17	10	Tues. 11	6 ·54	4 ·68	20				10 ·96	
12	Thur. 12	4 ·72	... ...	18	11	Wed. 12	7 ·46	5 ·62	21	11	Sun. 11	8 ·16	11 ·90	22
13	Fri. 13	5 ·73	25 ·05	19	12	Thur. 13	8 ·36	6 ·56	22	12	Mon. 12	9 ·08	12 ·87	23
14	Sat. 14	6 ·72	26 ·09	20	13	Fri. 14	9 ·27	7 ·49	23	13	Tues. 13	10 ·00	13 ·83	24
15	Sun. 15	7 ·69	27 ·11	21	14	Sat. 15	10 ·17	8 ·42	24			11 ·94		
16	Mon. 16	8 ·65	1 ·11	22	15	Sun. 16	11 ·06	9 ·36	25	14	Wed. 14	12 ·90	14 81	25
17	Tues. 17	9 ·58	2 ·09	23			12 ·97			15	Thur. 15	13 ·88	15 ·81	26
18	Wed. 18	10 ·51	3 ·05	24	16	Mon. 17	13 ·88	10 ·29	26	16	Fri. 16	14 ·88	16 ·83	27
19	Thur. 19	11 ·43	4 ·00	25	17	Tues. 18	14 ·81	11 ·24	27	17	Sat. 17	—A ·91	17 ·88	28
			5 ·95		18	Wed. 19	—A ·75	12 ·19	28	18	Sun. 18	1 ·94	18 ·94	29
20	Fri. 20	12 ·33	6 ·88	26	19	Thur. 20	1 ·70	13 ·16	29	19	Mon. 19	... ...	... ...	—30
21	Sat. 21	13 ·23	7 ·81	27	20	Fri. 21	2 ·78	14 ·16	—30	20	Tues. 20	2 ·00	19 ·01	1
22	Sun. 22	14 ·13	8 ·74	28	21	Sat. 22	3 ·67	15 ·17	1	21	Wed. 21	3 ·07	20 ·11	2
23	Mon. ● 23	A ·03	9 ·67	29	22	Sun. 23	4 ·69	16 ·20	2	22	Thur. 22	4 ·16	21 ·21	3
		1 ·92			23	Mon. 24	5 ·72	17 ·25	3	23	Fri. 23	5 ·25	22 ·33	4
24	Tues. 24	2 ·84	10 ·62	—30	24	Tues. 25	6 ·78	18 ·32	4	24	Sat. 24	6 ·34	23 ·43	5
25	Wed. 25	3 ·76	11 ·57	1	25	Wed. 26	7 ·85	19 ·41	5	25	Sun. 25	7 ·41	24 ·52	6
26	Thur. 26	4 ·70	12 ·53	2	26	Thur. 27	8 ·94	20 ·51	6	26	Mon. 26	8 ·48	25 ·60	7
27	Fri. 27	5 ·65	13 ·51	3	27	Fri. 28	... ...	21 ·62	7	27	Tues. 27	9 ·52	26 ·66	8
28	Sat. 28	6 ·63	14 ·51	4	28	Sat. 29	9 ·02	22 ·72	8	28	Wed. 28	10 ·54	27 ·70	9
29	Sun. 29	7 ·62	15 ·52	5	—29	Sun. 30	10 ·10	23 ·82	9	—29	Thur. 29	11 ·53	1 ·73	10
30	Mon. 30	8 ·63	16 ·57	6						1	Fri. 30	12 ·51	2 ·78	11
31	Tues. 31	9 ·66	17 ·63	7										
	Aug.					**Oct.**					**Dec.**			
Manmatha. **Simha—Āvaṇi.**		*Bahula.* **Śrāvaṇa.**			*Manmatha.* **Tulā—Aippasi.**		*Sukla.* **Āśvina.**			*Manmatha.* **Dhanus—Mārgali.**		*Bahula.* **Pausha.**		
—32	Wed. 1	10 ·72	18 ·71	8	30	Mon. 1	11 ·18	24 ·92	10	2	Sat. 1	13 ·47	3 ·71	12
1	Thur. 2	11 ·80	19 ·80	9	1	Tues. 2	12 ·25	25 ·99	11	3	Sun. 2	14 ·41	4 ·68	13
2	Fri. 3	12 ·88	20 ·90	10	2	Wed. 3	13 ·29	... ...	12	4	Mon. 3	P ·34	5 ·63	14
3	Sat. 4	13 ·97	... ...	11	3	Thur. 4	14 ·31	26 ·04	13	5	Tues. 4	1 ·26	6 ·58	15
4	Sun. 5	... ...	21 ·02	12	4	Fri. 5	P ·31	27 ·07	14	6	Wed. 5	2 ·17	7 ·51	16
5	Mon. 6	14 ·04	22 ·12	13	5	Sat. 6	1 ·28	1 ·08	15			3 ·06		
6	Tues. 7	P ·11	23 ·22	14	6	Sun. 7	2 ·24	2 ·08	16	7	Thur. 6	4 ·97	8 ·44	17
7	Wed. 8	1 ·17	24 ·30	15	7	Mon. 8	3 ·19	3 ·05	17	8	Fri. 7	5 ·88	9 ·37	18
8	Thur. 9	2 ·21	25 ·36	16	8	Tues. 9	4 ·11	4 ·01	18	9	Sat. 8	6 ·78	10 ·30	19
9	Fri. 10	3 ·23	26 ·41	17				5 ·96		10	Sun. 9	7 ·71	11 ·25	20
10	Sat. 11	4 ·21	27 ·43	18	9	Wed. 10	5 ·03	6 ·89	19	11	Mon. 10	8 ·63	12 ·20	21
11	Sun. 12	5 ·19	1 ·43	19			6 ·93			12	Tues. 11	9 ·58	13 ·16	22
12	Mon. 13	6 ·15	2 ·41	20	10	Thur. 11	7 ·84	7 ·82	20	13	Wed. 12	10 ·54	14 ·13	23
13	Tues. 14	7 ·10	3 ·38	21	11	Fri. 12	8 ·74	8 ·76	21	14	Thur. 13	11 ·53	15 ·13	24
		8 ·02			12	Sat. 13	9 ·65	9 ·69	22	15	Fri. 14	12 ·52	16 ·15	25
14	Wed. 15	9 ·92	4 ·34	22	13	Sun. 14	10 ·55	10 ·63	23	16	Sat. 15	13 ·54	17 ·19	26
15	Thur. 16	10 ·83	5 ·28	23	14	Mon. 15	11 ·46	11 ·57	24	17	Sun. 16	14 ·59	18 ·24	27
16	Fri. 17	11 ·73	6 ·22	24	15	Tues. 16	12 ·39	12 ·52	25	18	Mon. 17	—A ·65	19 ·32	28
17	Sat. 18	12 ·63	7 ·15	25	16	Wed. 17	13 ·33	13 ·50	26	19	Tues. 18	1 ·73	20 ·41	—29
18	Sun. 19	13 ·53	8 ·08	26	17	Thur. 18	14 ·28	14 ·48	27	20	Wed. 19	2 ·82	21 ·51	1
			9 ·02		18	Fri. 19	—A ·26	15 ·49	28	21	Thur. 20	3 ·91	22 ·62	2
19	Mon. 20	14 ·44	10 ·96	27	19	Sat. 20	1 ·26	16 ·51	—29	22	Fri. 21	4 ·99	23 ·73	3
20	Tues. 21	—A ·34	11 ·90	28	20	Sun. 21	2 ·28	17 ·56	1	23	Sat. 22	... ..	24 ·83	4
21	Wed. 22	1 ·26	12 ·86	—29	21	Mon. 22	3 ·32	18 ·63	2	24	Sun. 23	5 ·07	25 ·91	5
22	Thur. 23	2 ·20	13 ·84	1	22	Tues. 23	4 ·38	19 ·71	3	25	Mon. 24	6 ·13	26 ·97	6
23	Fri. 24	3 ·16	14 ·83	2	23	Wed. 24	5 ·45	20 ·81	4	26	Tues. 25	7 ·16	... ...	7
24	Sat. 25	4 ·14	15 ·85	3	24	Thur. 25	6 ·54	21 ·91	5	27	Wed. 26	8 ·18	27 ·03	8
25	Sun. 26	5 ·13	16 ·88	4	25	Fri. 26	7 ·62	... ...	6	28	Thur. 27	9 ·18	1 ·05	9
26	Mon. 27	6 ·15	17 ·94	5	26	Sat. 27	8 ·72	22 ·02	7	29	Fri. 28	10 ·16	2 ·06	10
27	Tues. 28	7 ·18	... ...	6	27	Sun. 28	9 ·79	23 ·13	8	—30	Sat. 29	11 ·11	3 ·04	11
28	Wed. 29	8 ·24	18 ·01	7	28	Mon. 29	10 ·84	24 ·22	9			12 ·06	4 ·01	
29	Thur. 30	9 ·30	19 ·10	8	29	Tues. 30	11 ·88	25 ·30	10	1	Sun. 30	13 ·99	5 ·97	12
30	Fri. 31	10 ·38	20 ·21	9	—30	Wed. 31	12 ·90	26 ·35	11	2	Mon. 31	14 ·90	6 ·91	13

H. 1065 *Ramazān.* | *H.* 1065 *Shawwāl.* | *H.* 1065 *Zi-l-ka'da.* | *H.* 1065 *Zi-l-hijja.* | *H.* 1066 *Muharram.* | *H.* 1066 *Ṣafar.* | *H.* 1066 *Rabi-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1656. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·48.** **Śaka 1578.** **Kaliyuga 4757.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·39.** **(S. Cycle) Durmukha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Kanmatha. **Makara—Tai.** 3	Tues. ○ 1		7 ·85	*H.* 1066 *Rabī-ul awwal.* 14	4	Sat. 1	*Bahula.* **Phālguna.** 1 ·58	12 ·20	15	4	Thur. 1	3 ·51	19 ·85	17
4	Wed. 2	1 ·71	8 ·78	15	5	Sun. 2	2 ·51	13 ·15	16	5	Fri. 2	4 ·56	20 ·93	18
5	Thur. 3	2 ·62	9 ·71	16	6	Mon. 3	3 ·45	14 ·13	17	6	Sat. 3	5 ·62	... ...	19
6	Fri. 4	3 ·52	10 ·65	17	7	Tues. 4	4 ·42	15 ·11	18	7	Sun. 4	6 ·69	21 ·02	20
7	Sat. 5	4 ·44	11 ·59	18	8	Wed. 5	5 ·40	16 ·11	19	8	Mon. 5	7 ·77	22 ·12	21
8	Sun. 6	5 ·35	12 ·53	19	9	Thur. 6	6 ·40	17 ·13	20	9	Tues. 6	8 ·85	23 ·23	22
9	Mon. 7	6 ·27	13 ·49	20	10	Fri. 7	7 ·43	18 ·17	21	10	Wed. 7	9 ·93	24 ·34	23
10	Tues. 8	7 ·22	14 ·46	21	11	Sat. 8	8 ·47	19 ·24	22	11	Thur. 8	... ...	25 ·43	24
11	Wed. 9	8 ·18	15 ·46	22	12	Sun. 9	9 ·53	20 ·32	23	12	Fri. 9	10 ·00	26 ·52	25
12	Thur. 10	9 ·17	16 ·47	23	13	Mon. 10	10 ·62	21 ·41	24	13	Sat. 10	11 ·06	27 ·59	26
13	Fri. 11	10 ·17	17 ·50	24	14	Tues. 11	11 ·71	22 ·52	25	14	Sun. 11	12 ·08	1 ·64	27
14	Sat. 12	11 ·20	18 ·55	25	*Mammatha.* **Mīna—Pāguni.** 15	Wed. 12	12 ·80	23 ·63	26	*Durmukha.* **Vṛishabha—Vaigāśi.** 15	Mon. 12	13 ·09	2 ·67	28
15	Sun. 13	12 ·24	19 ·62	26	16	Thur. 13	13 ·88	24 ·74	27	16	Tues. 13	14 ·08	3 ·68	29
16	Mon. 14	13 ·30	20 ·71	27	17	Fri. 14	14 ·94	25 ·83	28	17	Wed. 14	—A ·06	4 ·66	—30
17	Tues. 15	14 ·38	21 ·82	28	18	Sat. 15	—A ·99	26 ·91	29	18	Thur. 15	1 ·01	5 ·64	1
18	Wed. 16	—A ·47	22 ·92	29	19	Sun. 16	... ...	27 ·97	—30			2 ·94		
19	Thur. 17	1 ·56	... ...	—30	20	Mon. 17	1 ·03	... ...	1	19	Fri. 16	3 ·86	6 ·60	2
20	Fri. 18	2 ·65	23 ·03	1	21	Tues. 18	2 ·03	1 ·00	2	20	Sat. 17	4 ·76	7 ·55	3
21	Sat. 19	3 ·73	24 ·13	2			3 ·03			21	Sun. 18	5 ·66	8 ·48	4
22	Sun. 20	4 ·78	25 ·21	3	22	Wed. 19	4 ·99	2 ·03	3	22	Mon. 19	6 ·56	9 ·41	5
23	Mon. 21	5 ·81	26 ·29	4	23	Thur. 20	5 ·95	3 ·03	4	23	Tues. 20	7 ·47	10 ·34	6
24	Tues. 22	6 ·83	27 ·34	5	24	Fri. 21	*Sukla.* 6 ·89	4 ·01	5	24	Wed. 21	8 ·36	11 ·28	7
25	Wed. 23	7 ·82	1 ·37	6				5 ·97		25	Thur. 22	9 ·26	12 ·22	8
26	Thur. 24	8 ·80	2 ·38	7	25	Sat. 22	7 ·81	6 ·92	6	26	Fri. 23	10 ·18	13 ·16	9
27	Fri. 25	9 ·75	3 ·37	8	26	Sun. 23	8 ·73	7 ·86	7	27	Sat. 24	11 ·11	14 ·12	10
28	Sat. 26	10 ·69	4 ·35	9	27	Mon. 24	9 ·63	8 ·80	8	28	Sun. 25	12 ·05	15 ·09	11
—29	Sun. 27	11 ·62	5 ·31	10	28	Tues. 25	10 ·52	9 ·73	9	29	Mon. 26	13 ·00	16 ·08	12
1	Mon. 28	12 ·54	6 ·25	11	29	Wed. 26	11 ·42	10 ·66	10			14 ·09		
2	Tues. 29	13 ·44	7 ·19	12	—30	Thur. 27	12 ·33	11 ·60	11	30	Tues. 27	P ·98	17 ·09	13
3	Wed. 30	14 ·33	8 ·12	13	1	Fri. 28	13 ·24	12 ·54	12	31	Wed. 28	... ...	18 ·12	14
			9 ·06		2	Sat. 29	14 ·16	13 ·49	13	—32	Thur. 29	1 ·01	19 ·16	15
4	Thur. 31	P ·24	10 ·99	14	3	Sun. 30	P ·08	14 ·46	14	1	Fri. 30	2 ·04	20 ·23	16
	Feb.						1 ·02			2	Sat. 31	3 ·09	21 ·31	17
					4	Mon. 31	2 ·98	15 ·43	15					
5	Fri. 1	1 ·14	11 ·92	15		**April.**					**June.**			
6	Sat. 2	2 ·05	12 ·87	16	5	Tues. 1	3 ·96	16 ·43	16	3	Sun. 1	4 ·18	22 ·42	18
		3 ·97			6	Wed. 2	4 ·96	17 ·44	17	4	Mon. 2	5 ·26	23 ·53	19
7	Sun. 3	4 ·90	13 ·82	17	7	Thur. 3	5 ·99	18 ·49	18	5	Tues. 3	6 ·35	24 ·63	20
8	Mon. 4	5 ·85	14 ·79	18	8	Fri. 4	... ...	19 ·55	19	6	Wed. 4	7 ·42	25 ·73	21
9	Tues. 5	6 ·81	15 ·78	19	9	Sat. 5	6 ·04	20 ·62	20	7	Thur. 5	8 ·49	26 ·82	22
10	Wed. 6	7 ·80	16 ·79	20	10	Sun. 6	7 ·09	21 ·71	21	8	Fri. 6	9 ·53	27 ·90	23
11	Thur. 7	8 ·79	17 ·81	21	11	Mon. 7	8 ·17	22 ·82	22	9	Sat. 7	10 ·56	1 ·96	24
12	Fri. 8	9 ·83	18 ·86	22	12	Tues. 8	9 ·26	23 ·93	23	10	Sun. 8	11 ·58	2 ·99	25
13	Sat. 9	10 ·88	19 ·93	23	13	Wed. 9	10 ·34	... ...	24	11	Mon. 9	12 ·57	... ...	26
14	Sun. 10	11 ·94	... ...	24	14	Thur. 10	11 ·42	24 ·04	25	12	Tues. 10	13 ·54	3 ·00	27
15	Mon. 11	... ...	20 ·02	25	15	Fri. 11	12 ·49	25 ·13	26				4 ·99	
16	Tues. 12	12 ·01	21 ·12	26	16	Sat. 12	13 ·55	26 ·21	27	13	Wed. 11	14 ·49	5 ·98	28
17	Wed. 13	13 ·09	22 ·22	27	17	Sun. 13	14 ·57	27 ·28	28	14	Thur. 12	—A ·43	6 ·93	—29
18	Thur. 14	14 ·18	23 ·33	28	18	Mon. 14	—A ·57	1 ·32	—29	15	Fri. 13	1 ·35	7 ·88	1
19	Fri. 15	—A ·27	24 ·43	—29	19	Tues. 15	1 ·57	2 ·35	1	16	Sat. 14	2 ·25	8 ·82	2
20	Sat. 16	1 ·35	25 ·53	1	20	Wed. 16	2 ·54	3 ·35	2	17	Sun. 15	3 ·16	9 ·75	3
21	Sun. 17	2 ·40	26 ·60	2	21	Thur. 17	3 ·49	4 ·34	3			4 ·05		
22	Mon. 18	3 ·44	27 ·65	3	22	Fri. 18	4 ·43	5 ·30	4	18	Mon. 16	5 ·95	10 ·69	4
23	Tues. 19	4 ·44	1 ·69	4	23	Sat. 19	5 ·36	6 ·26	5	19	Tues. 17	6 ·85	11 ·63	5
24	Wed. 20	5 ·44	2 ·70	5	24	Sun. 20	6 ·26	7 ·21	6	20	Wed. 18	7 ·75	12 ·55	6
25	Thur. 21	6 ·42	3 ·70	6	25	Mon. 21	7 ·17	8 ·14	7	21	Thur. 19	8 ·67	13 ·49	7
26	Fri. 22	7 ·37	4 ·68	7			8 ·06			22	Fri. 20	9 ·60	14 ·45	8
27	Sat. 23	8 ·31	5 ·64	8	26	Tues. 22	9 ·96	9 ·07	8	23	Sat. 21	10 ·54	15 ·42	9
28	Sun. 24	9 ·23	6 ·59	9				10 ·00		24	Sun. 22	11 ·49	16 ·41	10
29	Mon. 25	10 ·15	7 ·52	10	27	Wed. 23	10 ·86	11 ·93	9	25	Mon. 23	12 ·47	17 ·41	11
		11 ·05			28	Thur. 24	11 ·76	12 ·88	10	26	Tues. 24	13 ·46	18 ·43	12
—30	Tues. 26	12 ·95	8 ·46	11	29	Fri. 25	12 ·68	13 ·83	11	27	Wed. 25	14 ·48	19 ·47	13
1	Wed. 27	13 ·86	9 ·40	12	30	Sat. 26	13 ·60	14 ·79	12	28	Thur. ○ 26	P ·52	20 ·54	14
2	Thur. 28	14 ·76	10 ·32	13	—31	Sun. 27	14 ·55	15 ·76	13	29	Fri. 27	1 ·58	21 ·63	15
3	Fri. 29	P ·67	11 ·26	14	1	Mon. 28	P ·51	16 ·75	14	30	Sat. 28	2 ·65	22 ·72	16
					2	Tues. 29	1 ·49	17 ·77	15	—31	Sun. 29	3 ·73	23 ·83	17
					3	Wed. 30	2 ·49	18 ·80	16	1	Mon. 30	4 ·82	24 ·93	18

Nakshatra:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1656. **Kollam 832,** { **N. Malabar—Sep.** **Hijra 1067.** **Vikrama 1713.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 10.** **Bengal San. 1062.**
P—Paurnimā. **(N. Cycle) Viśvāvasu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
2	Tues.	1	5 ·88	... ...	19							2	Sat.	1	10 ·63	11 ·32	23
3	Wed.	2	6 ·96	25 ·03	20				7 ·02			3	Sun.	2	11 ·52	12 ·25	24
4	Thur.	3	... ...	26 ·13	21			1	Mon. 1	8 ·98	5 ·96	22	4	Mon.	3	12 ·44	13 ·18	25
5	Fri.	4	7 ·01	27 ·21	22			2	Tues. 2	9 ·92	6 ·93	23	5	Tues.	4	13 ·35	14 ·12	26
6	Sat.	5	8 ·05	1 ·27	23			3	Wed. 3	10 ·85	7 ·89	24	6	Wed.	5	14 ·29	15 ·07	27
7	Sun.	6	9 ·05	2 ·31	24			4	Thur. 4	11 ·76	8 ·84	25	7	Thur.	6	—A 23	16 ·05	28
8	Mon.	7	10 ·04	3 ·32	25			5	Fri. 5	12 ·66	9 ·77	26	8	Fri.	7	1 ·18	17 ·03	29
9	Tues.	8	11 ·02 12 ·97	4 ·33	26			6	Sat. 6	13 ·57	10 ·70	27	9	Sat.	8	2 ·17	18 ·08	—30
10	Wed.	9	13 ·91	5 ·31	H. 1066 Ramażān. 27			7	Sun. 7	14 ·46	11 ·63	28	10	Sun.	9	3 ·17	19 ·05	1
11	Thur.	10	14 ·83	6 ·27	28			8	Mon. 8	—A ·37	12 ·56	29	11	Mon.	10	4 ·19	20 ·09	2
12	Fri.	11	—A ·74	7 ·22	29			9	Tues. 9	1 ·26	13 ·51	—30	12	Tues.	11	5 ·23	21 ·15	3
13	Sat.	12	1 ·64	8 ·16	—30			10	Wed. 10	2 ·18	14 ·46	1	13	Wed.	12	6 ·30	22 ·23	4
14	Sun.	13	2 ·55	9 ·10	1			11	Thur. 11	3 ·11	15 ·41	2	14	Thur.	13	7 ·38	23 ·33	5
15	Mon.	14	3 ·44	10 ·03 11 ·96	2			12	Fri. 12	4 ·05	16 ·38	3	15	Fri.	14	8 ·46	24 ·43	6
16	Tues.	15	4 ·33	12 ·89	3			13	Sat. 13	5 ·00 6 ·98	17 ·37	4	16	Sat.	15	9 ·55	25 ·54	7
17	Wed.	16	5 ·24	13 ·83	4			14	Sun. 14	7 ·98	18 ·39	5	17	Sun.	16	10 ·63	26 ·64	8
18	Thur.	17	6 ·15	14 ·78	5			15	Mon. 15	8 ·99	19 ·42	6	18	Mon.	17	11 ·70	27 ·74	9
19	Fri.	18	7 ·08	15 ·75	6			16	Tues. 16	... ..	20 ·47	7	19	Tues.	18	12 ·76	1 ·82	10
20	Sat.	19	8 ·01 9 ·97	16 ·73	7			17	Wed. 17	9 ·04	21 ·54	8	20	Wed.	19	13 ·81	2 ·88	11
21	Sun.	20	10 ·95	17 ·73	8			18	Thur. 18	10 ·99	22 ·63	9	21	Thur.	20	14 ·82	3 ·92	12
22	Mon.	21	11 ·93	18 ·74	9			19	Fri. 19	11 ·17	23 ·73	10	22	Fri.	21	P 82	4 ·94	13
23	Tues.	22	12 ·96	19 ·78	10			20	Sat. 20	12 ·25	24 ·84	11	23	Sat.	22	1 ·80	5 ·95	14
24	Wed.	23	... ...	20 ·85	11			21	Sun. 21	13 ·33	25 ·94	12	24	Sun.	23	2 ·75	6 ·93	15
25	Thur.	24	13 ·00	21 ·93	12			22	Mon. 22	14 ·42	... ...	13	25	Mon.	24	3 ·69	7 ·90	16
26	Fri.	25	14 ·06	... ...	13			23	Tues. 23	P ·49	26 ·04	14	26	Tues.	25	4 ·62	8 ·85	17
27	Sat.	26	P ·13	22 ·02	14			24	Wed. 24	1 ·55	27 ·13	15	27	Wed.	26	5 ·55	9 ·79	18
28	Sun.	27	1 ·21	23 ·12	15			25	Thur. 25	2 ·58	1 ·20	16	28	Thur.	27	6 ·45	10 ·73	19
29	Mon.	28	2 ·29	24 ·23	16			26	Fri. 26	3 ·60	2 ·26	17	29	Fri.	28	7 ·35	11 ·66	20
30	Tues.	29	3 ·33	25 ·34	17			27	Sat. 27	4 ·60	3 ·29	18	—30	Sat.	29	8 ·26	12 ·59	21
31	Wed.	30	4 ·43	26 ·44	18			28	Sun. 28	5 ·57	4 ·30	19	1	Sun.	30	9 ·15	13 ·52	22
—32	Thur.	31	5 ·48	27 ·52	19			29	Mon. 29	6 ·54	5 ·29	20						
	Aug.							—30	Tues. 30	7 ·48	6 ·26	21						
1	Fri.	1	6 ·52	1 ·58	20		**Oct.**						**Dec.**					
2	Sat.	2	7 ·54	2 ·62	21	1	Wed.	1	8 ·41	7 ·28	22	2	Mon.	1	10 ·06 11 ·98	14 ·46	23
3	Sun.	3	8 ·54	3 ·65	22	2	Thur.	2	9 ·32	8 ·18	23	3	Tues.	2	12 ·02	15 ·42	24
4	Mon.	4	9 ·51	4 ·65	23	3	Fri.	3	10 ·23	9 ·11	24	4	Wed.	3	13 ·86	16 ·38	25
5	Tues.	5	10 ·46	5 ·63	24	4	Sat.	4	11 ·13	10 ·04 11 ·97	25	5	Thur.	4	14 ·83	17 ·35	26
6	Wed.	6	11 ·41	6 ·60	25	5	Sun.	5	12 ·08 13 ·93	12 ·91	26	6	Fri.	5	—A ·81	18 ·35	27
7	Thur.	7	12 ·33	7 ·55	26	6	Mon.	6	14 ·83	13 ·85	27	7	Sat.	6	1 ·80	19 ·36	28
8	Fri.	8	13 ·24	8 ·50	27	7	Tues.	7	—A ·75	14 ·79	28	8	Sun.	7	2 ·88	20 ·40	—29
9	Sat.	9	14 ·14	9 ·44	28	8	Wed.	8	1 ·68	15 ·74	29	9	Mon.	8	3 ·88	21 ·46	1
10	Sun.	10	A ·04 1 ·93	10 ·37	—29	9	Thur.	9	2 ·63	16 ·71	—30	10	Tues.	9	4 ·95	22 ·54	2
11	Mon.	11	2 ·84	11 ·30	1	10	Fri.	10	3 ·58	17 ·70	1	11	Wed.	10	... ...	23 ·63	3
12	Tues.	12	3 ·74	12 ·23	2	11	Sat.	11	4 ·56	18 ·71	2	12	Thur.	11	5 ·02	24 ·73	4
13	Wed.	13	4 ·65	13 ·17	3	12	Sun.	12	5 ·56	19 ·73	3	13	Fri.	12	6 ·11	25 ·84	5
14	Thur.	14	5 ·58	14 ·12	4	13	Mon.	13	6 ·57	20 ·78	4	14	Sat.	13	7 ·20	26 ·95	6
15	Fri.	15	6 ·52	15 ·08	5	14	Tues.	14	7 ·62	21 ·84	5	15	Sun.	14	8 ·28	... ...	7
16	Sat.	16	7 ·47	16 ·06	6	15	Wed.	15	8 ·68	22 ·93	6	16	Mon.	15	9 ·35	27 ·05	8
17	Sun.	17	8 ·45	17 ·05	7	16	Thur.	16	9 ·75	... ...	7	17	Tues.	16	10 ·41	1 ·13	9
18	Mon.	18	9 ·45	18 ·06	8	17	Fri.	17	10 ·83	23 ·03	8	18	Wed.	17	11 ·45	2 ·19	10
19	Tues.	19	10 ·46	19 ·10	9	18	Sat.	18	11 ·92	24 ·13	9	19	Thur.	18	12 ·46	3 ·24	11
20	Wed.	20	11 ·50	20 ·16	10	19	Sun.	19	... ...	25 ·24	10	20	Fri.	19	13 ·47	4 ·27	12
21	Thur.	21	12 ·56	21 ·23	11	20	Mon.	20	12 ·00	26 ·34	11	21	Sat.	20	14 ·44	5 ·28	13
22	Fri.	22	13 ·63	22 ·32	12	21	Tues.	21	13 ·08	27 ·43	12	22	Sun ◯	21	P ·39	6 ·26	14
23	Sat.	23	14 ·71	23 ·42	13	22	Wed.	22	14 ·14	1 ·52	13	23	Mon.	22	1 ·32	7 ·23	15
24	Sun.	24	P ·79	24 ·54	14	23	Thur.	23	P ·17	2 ·57	14	24	Tues.	23	2 ·26	8 ·18	16
25	Mon.	25	1 ·88	25 ·64	15	24	Fri.	24	1 ·20	3 ·61	15	25	Wed.	24	3 ·18	9 ·13	17
26	Tues.	26	2 ·95	26 ·74	16	25	Sat.	25	2 ·19	4 ·62	16	26	Thur.	25	4 ·08 5 ·99	10 ·07	18
27	Wed	27	... ...	27 ·82	17	26	Sun.	26	3 ·17	5 ·62	17	27	Fri.	26	6 ·89	11 ·00 12 ·93	...
28	Thur.	28	3 ·00	1 ·89	18	27	Mon.	27	4 ·14	6 ·60	18	28	Sat.	27	7 ·80	13 ·86	20
29	Fri.	29	4 ·03	2 ·95	19	28	Tues.	28	5 ·08	7 ·56	19	—29	Sun.	28	8 ·71	14 ·81	21
30	Sat.	30	5 ·05	3 ·97	20	29	Wed.	29	6 ·00 7 ·91	8 ·51	20	1	Mon.	29	9 ·63	15 ·75	22
—31	Sun.	31	6 ·05	4 ·98	21	—30	Thur.	30	8 ·82	9 ·45	21	2	Tues.	30	10 ·56	16 ·71	23
						1	Fri.	31	9 ·73	10 ·38	22	3	Wed.	31	11 ·50	17 ·68	24

Durmukha. **Karkataka—Ādi.** *Sukla.* *Bahula.* **Śrāvaṇa.** *Bahula.* *Sukla.* *Durmukha.* **Simha—Āvaṇi.** *Sukla.* *Bahula.* **Bhādrapada.** *Bahula.* *Sukla.* *Durmukha.* **Kanyā—Puraṭṭāsi.** *Sukla.* *Bahula.* **Āśvina.** *Bahula.* *Sukla.* *Durmukha.* **Tulā—Aippasi.** *Sukla.* *Bahula.* **Kārttika.** *Bahula.* *Sukla.* *Durmukha.* **Vṛśchika—Kārttigai.** *Sukla.* *Bahula.* **Mārgaśīrsha.** *Bahula.* *Sukla.* *Durmukha.* **Dhanus—Mārgaḷi.** *Sukla.* *Bahula.* **Pausha.**

H. 1066 Ramażān. 27 · H. 1066 Shawwāl. 13 · H. 1066 Zi-l-ka'da. 7 · H. 1066 Zi-l-hija. 17 · H. 1067 Muharram. 6 · H. 1067 Śafar. 15 · H. 1067 Rabi-ul awwal. 13

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhanī. 24. Śata.

A.D. 1857. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·74.** **Śaka 1579.** **Kaliyuga 4758.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·65.** **(S. Cycle) Hemalamba.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Durmukha. **Maṣara—Tai.**	**Jan.**				
4	Thur.	1	12 ·47	18 ·67	25
5	Fri.	2	13 ·45	19 ·63	26
6	Sat.	3	14 ·46	20 ·72	27
7	Sun.	4	—A ·48	21 ·77	28
8	Mon.	5	1 ·52	22 ·84	29
9	Tues.	6	2 ·59	23 ·93	—30
10	Wed.	7	3 ·68	... ...	1
11	Thur.	8	4 ·77	24 ·03	2
12	Fri.	9	5 ·86	25 ·14	3
13	Sat.	10	6 ·95	26 ·25	4
14	Sun.	11	... ...	27 ·35	5
15	Mon.	12	7 ·01	1 ·43	6
16	Tues.	13	8 ·06	2 ·50	7
17	Wed	14	9 ·10	3 ·56	8
18	Thur.	15	10 ·11	4 ·59	9
19	Fri.	16	11 ·11	5 ·60	10
20	Sat.	17	12 ·08	6 ·59	11
21	Sun.	18	13 ·04 14 ·98	7 ·56	12
22	Mon.	19	P ·90	8 ·53	13
23	Tues.	20	1 ·81	9 ·47	14
24	Wed.	21	2 ·72	10 ·41	15
25	Thur.	22	3 ·62	11 ·34	16
26	Fri.	23	4 ·52	12 ·27	17
27	Sat	24	5 ·43	13 ·20	18
28	Sun.	25	6 ·34	14 ·14	19
29	Mon.	26	7 ·26	15 ·08	20
—30	Tues.	27	8 ·19	16 ·04	21
1	Wed.	28	9 ·14	17 ·01 18 ·99	22
2	Thur.	29	10 ·11	... ...	23
3	Fri.	30	11 ·09	19 ·01	24
4	Sat.	31	12 ·10	20 ·03	25
	Feb.				
5	Sun.	1	13 ·12	21 ·08	26
6	Mon.	2	14 ·17	22 ·15	27
7	Tues.	3	—A ·24	23 ·23	28
8	Wed.	4	1 ·32	24 ·33	—29
9	Thur.	5	2 ·40	25 ·44	1
10	Fri.	6	3 ·48	26 ·55	2
11	Sat.	7	4 ·57	27 ·65	3
12	Sun.	8	5 ·65	1 ·74	4
13	Mon.	9	6 ·70	2 ·82	5
14	Tues.	10	7 ·73	3 ·88	6
15	Wed.	11	8 ·75	4 ·91	7
16	Thur.	12	9 ·73	5 ·92	8
17	Fri.	13	10 ·70	6 ·91	9
18	Sat.	14	11 ·66	7 ·89	10
19	Sun.	15	12 ·59	8 ·86	11
20	Mon.	16	13 ·52	9 ·81	12
21	Tues.	17	14 ·43	10 ·74	13
22	Wed.	18	P ·34	11 ·68	14
23	Thur.	19	1 ·23	12 ·61	15
24	Fri.	20	2 ·14	13 ·54	16
25	Sat.	21	3 ·05 4 ·95	14 ·48	17
26	Sun.	22	5 ·87	15 ·42	18
27	Mon.	23	6 ·80	16 ·37	19
28	Tues.	24	7 ·75	17 ·34	20
—29	Wed.	25	8 ·74	18 ·33	21
1	Thur.	26	9 ·71	19 ·33	22
2	Fri.	27	10 ·71	20 ·35	23
3	Sat.	28	11 ·75	21 ·39	24

Sukla. *Bahula.* *H.* 1067 *Rabi-ul ākhir.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Durmukha. **Mīna—Pāṅguni.**	**March.**				
4	Sun.	1	12 ·78	22 ·45	25
5	Mon.	2	13 ·84	23 ·54	26
6	Tues.	3	14 ·92	24 ·63	27
7	Wed.	4	... ...	25 ·74	28
8	Thur.	5	—A ·01	26 ·85	29
9	Fri.	6	1 ·10	27 ·95	—30
10	Sat.	7	2 ·18	... ..	1
11	Sun.	8	3 ·24	1 ·05	2
12	Mon.	9	4 ·30	2 ·12	3
13	Tues.	10	5 ·33	3 ·18	4
14	Wed.	11	6 ·35	4 ·22	5
15	Thur.	12	7 ·38	5 ·24	6
16	Fri.	13	8 ·30	6 ·24	7
17	Sat.	14	9 ·25	7 ·23	8
18	Sun.	15	10 ·18	8 ·19	9
19	Mon.	16	11 ·11	9 ·14	10
20	Tues.	17	12 ·02 13 ·93	10 ·08	11
21	Wed.	18	14 ·82	11 ·02 12 ·95	12
22	Thur.	19	P ·72	13 ·88	13
23	Fri.	20	1 ·63	14 ·81	14
24	Sat.	21	2 ·54	15 ·75	15
25	Sun.	22	3 ·45	16 ·70	16
26	Mon.	23	4 ·38	17 ·67	17
27	Tues.	24	5 ·33	18 ·65	18
28	Wed.	25	6 ·29	19 ·65	19
29	Thur.	26	7 ·28	20 ·66	20
30	Fri.	27	8 ·28	21 ·70	21
—31	Sat.	28	9 ·31	22 ·76	22
1	Sun.	29	10 ·35	23 ·84	23
2	Mon.	30	11 ·41	24 ·93	24
3	Tues.	31	12 ·49	... ...	25
	April.				
4	Wed.	1	13 ·57	25 ·04	26
5	Thur.	2	14 ·66	26 ·14	27
6	Fri.	3	—A ·74	27 ·25	28
7	Sat.	4	1 ·81	1 ·35	—29
8	Sun.	5	2 ·86	2 ·43	1
9	Mon.	6	3 ·89	3 ·50	2
10	Tues.	7	4 ·90	4 ·54	3
11	Wed.	8	5 ·88	5 ·56	4
12	Thur.	9	6 ·85	6 ·57	5
13	Fri.	10	7 ·80	7 ·56	6
14	Sat.	11	8 ·74	8 ·52	7
15	Sun.	12	9 ·66	9 ·48	8
16	Mon.	13	10 ·57	10 ·42	9
17	Tues.	14	11 ·47	11 ·38	10
18	Wed.	15	12 ·37	12 ·29	11
19	Thur.	16	13 ·27	13 ·22	12
20	Fri.	17	14 ·17	14 ·15	13
21	Sat.	18	P ·08 1 ·99	15 ·09	14
22	Sun.	19	2 ·92	16 ·04	15
23	Mon.	20	3 ·86	17 ·00 18 ·98	16
24	Tues.	21	4 ·82	19 ·97	17
25	Wed.	22	5 ·81	20 ·98	18
26	Thur.	23	6 ·81	.. ..	19
27	Fri.	24	7 ·84	21 ·01	20
28	Sat.	25	8 ·88	22 ·07	21
29	Sun.	26	9 ·94	22 ·15	22
30	Mon.	27	... ..	24 ·23	23
—31	Tues.	28	10 ·01	25 ·38	24
1	Wed.	29	11 ·10	26 ·44	25
2	Thur.	30	12 ·18	27 ·55	26

Sukla. *Bahula.* *H.* 1067 *Jamādā'l awwal.* *Hemalamba.* *H.* 1067 *Rajab.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Hemalamba. **Vrishabha—Vaigāśi.**	**May.**				
3	Fri.	1	13 ·26	1 ·65	27
4	Sat.	2	14 ·33	2 ·74	28
5	Sun.	3	—A ·58	3 ·81	29
6	Mon.	4	1 ·41	4 ·85	—30
7	Tues.	5	2 ·42	5 ·89	1
8	Wed.	6	3 ·41	6 ·90	2
9	Thur.	7	4 ·37	7 ·88	3
10	Fri.	8	5 ·32	8 ·85	4
11	Sat.	9	6 ·25	9 ·81	5
12	Sun.	10	7 ·17	10 ·76	6
13	Mon.	11	8 ·08 9 ·98	11 ·70	7
14	Tues.	12	10 ·88	12 ·63	8
15	Wed.	13	11 ·78	13 ·56	9
16	Thur.	14	12 ·68	14 ·49	10
17	Fri.	15	13 ·58	15 ·43	11
18	Sat.	16	14 ·49	16 ·38	12
19	Sun.	17	P ·43	17 ·34	13
20	Mon.	18	1 ·37	18 ·31	14
21	Tues.	19	2 ·33	19 ·29	15
22	Wed.	20	3 ·31	20 ·30	16
23	Thur.	21	4 ·32	21 ·34	17
24	Fri.	22	5 ·33	22 ·38	18
25	Sat.	23	6 ·37	23 ·45	19
26	Sun.	24	7 ·44	24 ·54	20
27	Mon.	25	8 ·51	25 ·64	21
28	Tues.	26	9 ·59	26 ·75	22
29	Wed.	27	10 ·68	27 ·85	23
30	Thur.	28	11 ·76	1 ·96	24
—31	Fri.	29	12 ·83	... ...	25
1	Sat.	30	13 ·87	2 ·05	26
2	Sun.	31	14 ·90	3 ·12	27
	June.				
3	Mon. ●	1	—A ·91	4 ·18	28
4	Tues.	2	1 ·89	5 ·21	—29
5	Wed.	3	2 ·86	6 ·22	1
6	Thur.	4	3 ·81	7 ·21	2
7	Fri.	5	4 ·74	8 ·19	3
8	Sat.	6	5 ·66	9 ·15	4
9	Sun.	7	6 58	10 ·10	5
10	Mon.	8	7 ·48	11 ·04 12 ·97	6
11	Tues.	9	8 ·37	13 ·90	7
12	Wed.	10	9 ·27	14 ·83	8
13	Thur.	11	10 ·17	15 ·77	9
14	Fri.	12	11 ·07 12 ·99	16 ·71	10
15	Sat.	13	13 ·91	17 ·67	11
16	Sun.	14	14 ·85	18 ·65	12
17	Mon. ○	15	P ·81	19 ·62	13
18	Tues.	16	1 ·79	20 ·63	14
19	Wed.	17	2 ·80	21 ·65	15
20	Thur.	18	3 ·82	22 ·69	16
21	Fri.	19	4 ·83	23 ·76	17
22	Sat.	20	5 ·91	24 ·84	18
23	Sun.	21	6 ·98	25 ·94	19
24	Mon.	22	... ...	.. ..	20
25	Tues.	23	7 ·06	26 ·05	21
26	Wed.	24	8 ·15	27 ·15	22
27	Thur.	25	9 ·23	1 ·26	23
28	Fri	26	10 ·29	2 ·35	24
29	Sat.	27	11 ·35	3 ·43	25
30	Sun.	28	12 ·38	4 ·49	26
31	Mon.	29	13 ·38	5 ·53	27
—32	Tues.	30	14 ·37	6 ·54	28

Sukla. *Bahula.* *H.* 1067 *Ramazān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Megh. 11. P. Phal. 12 U. Phal 26. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1657. Kollam 833, { N. Malabar—Sep. / S. Malabar—Aug. Hijra 1068. Vikrama 1714.
A—Amāvāsyā. Commences Commences Sep. 29. Bengal San. 1063.
P—Paurnimā. (N. Cycle) Parābhava.

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Hemalamba. **Karkataka—Ādi.**	**July.**			
1	Wed. 1	—A ·84	7 ·54	29
2	Thur. 2	1 ·29	8 ·53	—30
3	Fri. 3	2 ·22	9 ·49	1
4	Sat. 4	3 ·15	10 ·44	2
5	SUN. 5	*Śukla.* 4 ·06 / 5 ·96	11 ·38	3
6	Mon. 6	6 ·85	12 ·31	4
7	Tues. 7	7 ·75	13 ·24	5
8	Wed. 8	8 ·64	14 ·18	6
9	Thur. 9	9 ·55	15 ·11	7
10	Fri. 10	10 ·47	16 ·05	8
11	Sat. 11	**Adhika Śrāvaṇa.** 11 ·39	17 ·00 / 18 ·96	9
12	SUN. 12	12 ·33	19 ·95	10
13	Mon. 13	13 ·29	20 ·95	11
14	Tues. 14	14 ·27	21 ·97	12
15	Wed. 15	P ·27	... ...	13
16	Thur. 16	1 ·29	22 ·00	14
17	Fri. 17	2 ·33	23 ·06	15
18	Sat. 18	3 ·38	24 ·15	16
19	SUN. 19	4 ·46	25 ·24	17
20	Mon. 20	5 ·54	26 ·34	18
21	Tues. 21	6 ·62	27 ·45	19
22	Wed. 22	*Bahula.* 7 ·69	1 ·56	20
23	Thur. 23	8 ·76	2 ·66	21
24	Fri. 24	9 ·82	3 ·74	22
25	Sat. 25	10 ·86	4 ·80	23
26	SUN. 26	11 ·87	5 ·84	24
27	Mon. 27	12 ·85	6 ·86	25
28	Tues. 28	13 ·83	7 ·86	26
29	Wed. 29	14 ·78	8 ·85	27
30	Thur. 30	—A ·71	9 ·82	28
—31	Fri. 31	1 ·64	10 ·77	—29
	Aug.			
1	Sat. 1	2 ·55	11 ·71	1
2	SUN. 2	3 ·45	12 ·65	2
3	Mon. 3	*Śukla.* 4 ·35	13 ·59	3
4	Tues. 4	5 ·25	14 ·52	4
5	Wed. 5	6 ·14	15 ·45	5
6	Thur. 6	7 ·05 / 8 ·97	16 ·38	6
7	Fri. 7	9 ·89	17 ·33	7
8	Sat. 8	10 ·82	18 ·30	8
9	SUN. 9	11 ·78	19 ·28	9
10	Mon. 10	12 ·77	20 ·27	10
11	Tues. 11	13 ·77	21 ·28	11
12	Wed. 12	14 ·79	22 ·32	12
13	Thur. 13	P ·82	23 ·38	13
14	Fri. 14	1 ·87	24 ·45	14
15	Sat. 15	2 ·95	25 ·54	15
16	SUN. 16	... ..	26 ·64	16
17	Mon. 17	3 ·03	27 ·75	17
18	Tues. 18	4 ·12	1 ·86	18
19	Wed. 19	5 ·20	2 ·96	19
20	Thur. 20	6 ·27	... ...	20
21	Fri. 21	*Bahula.* 7 ·32	3 ·04	21
22	Sat 22	8 ·35	4 ·11	22
23	SUN. 23	9 ·38	5 ·16	23
24	Mon. 24	10 ·36	6 ·18	24
25	Tues. 25	11 ·34	7 ·20	25
26	Wed. 26	12 ·30	8 ·18	26
27	Thur. 27	13 ·24	9 ·15	27
28	Fri. 28	14 ·18	10 ·11	28
29	Sat. 29	A ·05 / 1 ·96	11 ·05 / 12 ·99	29
30	SUN. 30	2 ·86	13 ·92	—30
—31	Mon. 31	3 ·76	14 ·85	1

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Hemalamba. **Kanyā—Purattāśi.**	**Sep.**			*H.* 1067 *Zi-l-hijja.*
1	Tues. 1	4 ·66	15 ·78	2
2	Wed. 2	5 ·57	16 ·72	3
3	Thur. 3	6 ·49	17 ·67	4
4	Fri. 4	7 ·42	18 ·63	5
5	Sat. 5	*Śukla.* 8 ·36	19 ·60	6
6	SUN. 6	9 ·31	20 ·59	7
7	Mon. 7	10 ·30	21 ·60	8
8	Tues. 8	11 ·30	22 ·63	9
9	Wed. 9	12 ·31	23 ·69	10
10	Thur. 10	13 ·35	24 ·76	11
11	Fri. 11	14 ·40	25 ·84	12
12	Sat. 12	P ·48	26 ·94	13
13	SUN. 13	**Bhādrapada.** 1 ·56	... ...	14
14	Mon. 14	2 ·65	27 ·05	15
15	Tues. 15	3 ·73	1 ·16	16
16	Wed. 16	4 ·80	2 ·26	17
17	Thur. 17	5 ·86	3 ·35	18
18	Fri. 18	6 ·90	4 ·42	19
19	Sat. 19	*Bahula.* 7 ·92	5 ·47	20
20	SUN. 20	8 ·90	6 ·51	21
21	Mon. 21	9 ·88	7 ·52	22
22	Tues. 22	10 ·84	8 ·51	23
23	Wed. 23	11 ·78	9 ·48	24
24	Thur. 24	12 ·70	10 ·44	25
25	Fri. 25	13 ·61	11 ·40	26
26	Sat. 26	14 ·51	12 ·33	27
27	SUN. 27	—A ·42	13 ·26	28
28	Mon. 28	1 ·32	14 ·19	—29
29	Tues. 29	2 ·22	15 ·13	1
30	Wed. 30	3 ·13	16 ·07	2
	Oct.			
—31	Thur. 1	4 ·05 / 5 ·98	17 ·01 / 18 ·96	3
1	Fri. 2	*Śukla.* 6 ·92	19 ·93	4
2	Sat. 3	7 ·88	20 ·92	5
3	SUN. 4	8 ·86	21 ·92	6
4	Mon. 5	9 ·86	22 ·95	7
5	Tues. 6	10 ·88	... ...	8
6	Wed. 7	11 ·92	23 ·00	9
7	Thur. 8	12 ·98	24 ·06	10
8	Fri. 9	... ..	25 ·14	11
9	Sat. 10	13 ·05	26 ·24	12
10	SUN. 11	14 ·14	27 ·35	13
11	Mon. 12	P ·23	1 ·48	14
12	Tues. 13	**Āśvina.** 1 ·32	2 ·56	15
13	Wed. 14	2 ·39	3 ·65	16
14	Thur. 15	3 ·44	4 ·73	17
15	Fri. 16	*Bahula.* 4 ·48	5 ·79	18
16	Sat. 17	5 ·50	6 ·83	19
17	SUN. 18	6 ·49	7 ·84	20
18	Mon. 19	7 ·46	8 ·84	21
19	Tues. 20	8 ·43	9 ·81	22
20	Wed. 21	9 ·37	10 ·78	23
21	Thur. 22	10 ·29	11 ·73	24
22	Fri. 23	11 ·20	12 ·67	25
23	Sat. 24	12 ·10	13 ·60	26
24	SUN. 25	13 ·01 / 14 ·91	14 ·53	27
25	Mon. 26	—A ·82	15 ·46	28
26	Tues. 27	1 ·72	16 ·40	29
27	Wed. 28	2 ·64	17 ·34	—30
28	Thur. 29	3 ·57	18 ·29	1
—29	Fri. 30	4 ·51	19 ·26	2
1	Sat. 31	5 ·48	20 ·24	3

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Hemalamba. **Vṛśchika—Kārttigai.**	**Nov.**			*H.* 1067 *Zi-l-hijja.*
2	SUN 1	6 ·46	21 ·25	4
3	Mon. 2	7 ·47	22 ·27	5
4	Tues. 3	8 ·48	23 ·31	6
5	Wed. 4	*Śukla.* 9 ·53	24 ·37	7
6	Thur. 5	10 ·60	25 ·44	8
7	Fri. 6	11 ·67	26 ·54	9
8	Sat. 7	12 ·76	27 ·65	10
9	SUN. 8	13 ·84	1 ·76	11
10	Mon. 9	14 ·93	2 ·86	12
11	Tues. 10	... ...	3 ·96	13
12	Wed. 11	P ·00	... ...	14
13	Thur. 12	**Kārttika.** 1 ·06	4 ·04	15
14	Fri. 13	2 ·10	5 ·10	16
15	Sat. 14	3 ·12	6 ·14	17
16	SUN. 15	4 ·11	7 ·16	18
17	Mon. 16	5 ·08	8 ·16	19
18	Tues. 17	*Bahula.* 6 ·04 / 7 ·98	9 ·15	20
19	Wed. 18	8 ·92	10 ·12	21
20	Thur. 19	9 ·82	11 ·07	22
21	Fri. 20	10 ·72	12 ·01 / 13 ·94	23
22	Sat. 21	11 ·64	14 ·87	24
23	SUN. 22	12 ·53	15 ·81	25
24	Mon. 23	13 ·44	16 ·74	26
25	Tues. 24	14 ·34	17 ·68	27
26	Wed. 25	—A ·26	18 ·63	28
27	Thur. 26	1 ·19	19 ·59	—29
28	Fri. 27	2 ·14	20 ·57	1
29	Sat. 28	3 ·11	21 ·57	2
—30	SUN. 29	4 ·09	22 ·58	3
1	Mon. 30	5 ·10	23 ·62	4
	Dec.			
2	Tues. 1	6 ·12	24 ·67	5
3	Wed. 2	7 ·18	25 ·76	6
4	Thur. 3	8 ·24	26 ·85	7
5	Fri. 4	9 ·32	27 ·95	8
6	Sat. 5	10 ·41	... ...	9
7	SUN. 6	*Śukla.* 11 ·49	1 ·06	10
8	Mon. 7	12 ·58	2 ·17	11
9	Tues. 8	**Mārgaśirsha.** 13 ·65	3 ·27	12
10	Wed. 9	14 ·71	4 ·35	13
11	Thur. 10	P ·74	5 ·41	14
12	Fri. 11	1 ·76	6 ·46	15
13	Sat. 12	2 ·75	7 ·48	16
14	SUN. 13	3 ·72	8 ·49	17
15	Mon. 14	4 ·68	9 ·48	18
16	Tues. 15	5 ·62	10 ·45	19
17	Wed. 16	6 ·55	11 ·40	20
18	Thur. 17	*Bahula.* 7 ·45	12 ·34	21
19	Fri. 18	8 ·36	13 ·28	22
20	Sat. 19	9 ·27	14 ·22	23
21	SUN. 20	10 ·17	15 ·15	24
22	Mon. 21	11 07 / 12 ·98	16 ·08	25
23	Tues. 22	13 ·90	17 ·01 / 18 ·96	26
24	Wed. 23	14 ·83	19 ·93	27
25	Thur. 24	—A ·78	20 ·90	28
26	Fri. 25	1 ·75	21 ·89	29
27	Sat. 26	2 ·74	22 ·90	—30
28	SUN. 27	3 ·74	23 ·93	1
—29	Mon. 28	*Śukla.* 4 ·77	24 ·99	2
1	Tues. 29	5 ·82	... ...	3
2	Wed. 30	6 ·88	25 ·06	4
3	Thur. 31	7 ·97	26 ·15	5

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1658. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 29·00.** **Śaka 1580.** **Kaliyuga 4759.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·01.** **(S. Cycle) Vilamba.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Hemalamba. **Makara—Tai.**	**Jan.**				
4	Fri.	1	... ...	27 ·25	6
5	Sat.	2	8 ·05	1 ·35	7
6	Sun.	3	9 ·14	2 ·47	8
7	Mon.	4	10 ·22	3 ·57	9
8	Tues.	5	11 ·29	4 ·65	10
9	Wed.	6	12 ·35	5 ·72	11
10	Thur.	7	13 ·39	6 ·77	12
11	Fri.	8	14 ·41	7 ·80	13
12	Sat.	9	P ·39	8 ·82	14
13	Sun.	10	1 ·37	9 ·81	15
14	Mon.	11	2 ·33	10 ·78	16
15	Tues.	12	3 ·27	11 ·73	17
16	Wed.	13	4 ·18	12 ·68	18
17	Thur.	14	5 ·09	13 ·63	19
18	Fri.	15	6 ·00 7 ·90	14 ·56	20
19	Sat.	16	8 ·80	15 ·49	21
20	Sun.	17	9 ·71	16 ·42	22
21	Mon.	18	10 ·62	17 ·35	23
22	Tues.	19	11 ·54	18 ·30	24
23	Wed.	20	12 ·47	19 ·26	25
24	Thur.	21	13 ·43	20 ·23	26
25	Fri.	22	14 ·39	21 ·21	27
26	Sat.	23	A ·38	22 ·22	28
27	Sun.	24	1 ·38	23 ·25	—29
28	Mon.	25	2 ·42	24 ·30	1
29	Tues.	26	3 ·47	25 ·37	2
—30	Wed.	27	4 ·54	26 ·45	3
1	Thur.	28	5 ·61	27 ·55	4
2	Fri.	29	6 ·70	1 ·65	5
3	Sat.	30	7 ·79	2 ·77	6
4	Sun.	31	8 ·87	3 ·87	7
Hemalamba. **Kumbha—Mâgh.**	**Feb.**				
5	Mon.	1	9 ·94	4 ·96	8
6	Tues.	2	10 ·99	... ..	9
7	Wed.	3	.. ...	5 ·03	10
8	Thur.	4	11 ·03	6 ·09	11
9	Fri.	5	12 ·04	7 ·13	12
10	Sat.	6	13 ·02	8 ·14	13
11	Sun.	7	14 ·00 P ·95	9 ·13	14
12	Mon.	8	1 ·89	10 ·11	15
13	Tues.	9	2 ·81	11 ·07	16
14	Wed.	10	3 ·72	12 ·03 13 ·96	17
15	Thur.	11	4 ·62	14 ·89	18
16	Fri.	12	5 ·52	15 ·82	19
17	Sat.	13	6 ·43	16 ·75	20
18	Sun.	14	7 ·33	17 ·70	21
19	Mon.	15	8 ·24	18 ·64	22
20	Tues.	16	9 ·15	19 ·59	23
21	Wed.	17	10 ·09	20 ·56	24
22	Thur.	18	11 ·04	21 ·54	25
23	Fri	19	12 ·01	22 ·54	26
24	Sat.	20	13 ·00	23 ·57	27
25	Sun.	21	14 ·00	24 ·61	28
26	Mon.	22	A ·04	25 ·67	29
27	Tues.	28	1 ·08	26 ·75	—30
28	Wed.	24	2 ·15	27 ·85	1
29	Thur.	25	3 ·23	1 ·96	2
—30	Fri.	26	4 ·32	... ...	3
1	Sat.	27	5 ·41	2 ·07	4
2	Sun.	28	6 ·49	3 ·17	5

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Hemalamba. **Mîna—Pâṅguni.**	**March.**				
3	Mon.	1	7 ·55	4 ·26	6
4	Tues.	2	8 ·60	5 ·34	7
5	Wed.	3	9 ·64	6 ·41	8
6	Thur.	4	10 ·64	7 ·45	9
7	Fri.	5	11 ·63	8 ·46	10
8	Sat.	6	12 ·59	9 ·46	11
9	Sun.	7	13 ·54	10 ·44	12
10	Mon.	8	14 ·48	11 ·41	13
11	Tues.	9	P ·40	12 ·36	14
12	Wed.	10	1 ·31	13 ·30	15
13	Thur.	11	2 ·22	14 ·23	16
14	Fri.	12	3 ·11	15 ·16	17
15	Sat.	13	4 ·01 5 ·92	16 ·10	18
16	Sun.	14	6 ·83	17 ·03 18 ·97	19
17	Mon.	15	7 ·74	19 ·92	20
18	Tues.	16	8 ·68	20 ·88	21
19	Wed.	17	9 ·63	21 ·86	22
20	Thur.	18	10 ·60	22 ·87	23
21	Fri.	19	11 ·58	23 ·88	24
22	Sat.	20	12 ·59	24 ·92	25
23	Sun.	21	13 ·62	25 ·98	26
24	Mon.	22	14 ·66	... ...	27
25	Tues.	23	A ·78	26 ·06	28
26	Wed.	24	1 ·81	27 ·16	—29
27	Thur.	25	2 ·90	1 ·26	1
28	Fri.	26	3 ·99	2 ·36	2
29	Sat.	27	... ...	3 ·46	3
—30	Sun.	28	4 ·07	4 ·56	4
1	Mon.	29	5 ·12	5 ·65	5
2	Tues.	30	6 ·17	6 ·72	6
3	Wed.	31	7 ·21	7 ·78	7
Vilamba. **Mêsha—Chittirai.**	**April.**				
4	Thur.	1	8 ·20	8 ·78	8
5	Fri.	2	9 ·19	9 ·78	9
6	Sat.	3	10 ·15	10 ·78	10
7	Sun.	4	11 ·11	11 ·74	11
8	Mon.	5	12 ·04 13 ·96	12 ·70	12
9	Tues.	6	14 ·87	13 ·64	13
10	Wed.	7	P ·77	14 ·57	14
11	Thur.	8	1 ·66	15 ·50	15
12	Fri.	9	2 ·57	16 ·44	16
13	Sat.	10	3 ·48	17 ·37	17
14	Sun.	11	4 ·38	18 ·31	18
15	Mon.	12	5 ·29	19 ·26	19
16	Tues.	13	6 ·22	20 ·21	20
17	Wed.	14	7 ·17	21 ·20	21
18	Thur.	15	8 ·14	22 ·19	22
19	Fri.	16	9 ·12	23 ·20	23
20	Sat.	17	10 ·13	24 ·23	24
21	Sun.	18	11 ·16	25 ·28	25
22	Mon.	19	12 ·21	26 ·37	26
23	Tues.	20	13 ·26	27 ·46	27
24	Wed.	21	14 ·34	1 ·56	28
25	Thur.	22	A ·43	2 ·66	29
26	Fri.	23	1 ·51	3 ·77	—30
27	Sat.	24	2 ·59	4 ·87	1
28	Sun.	25	3 ·65	5 ·96	2
29	Mon.	26	4 ·70	... ...	3
30	Tues.	27	5 ·72	6 .03	4
—31	Wed.	28	6 ·74	7 ·07	5
1	Thur.	29	7 ·72	8 ·10	6
2	Fri.	30	8 ·69	9 ·12	7

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Vilamba. **Vrishabha—Vaigâsi.**	**May.**				
3	Sat.	1	9 ·64	10 ·10	8
4	Sun.	2	10 ·56	11 ·07	9
5	Mon.	3	11 ·48	12 ·03 13 ·97	10
6	Tues.	4	12 ·39	14 ·91	11
7	Wed.	5	13 ·30	15 ·85	12
8	Thur.	6	14 ·19	16 ·78	13
9	Fri.	7	P ·08 1 ·99	17 ·71	14
10	Sat.	8	2 ·89	18 ·65	15
11	Sun.	9	3 ·81	19 ·59	16
12	Mon.	10	4 ·74	20 ·56	17
13	Tues.	11	5 ·69	21 ·53	18
14	Wed.	12	6 ·65	22 ·51	19
15	Thur.	13	7 ·64	23 ·52	20
16	Fri.	14	8 ·64	24 ·55	21
17	Sat.	15	9 ·65	25 ·60	22
18	Sun.	16	10 ·71	26 ·67	23
19	Mon.	17	11 ·77	27 ·76	24
20	Tues.	18	12 ·85	1 ·95	25
21	Wed.	19	13 ·93	2 ·96	26
22	Thur.	20	... ...	... ...	27
23	Fri.	21	14 ·02	3 ·07	28
24	Sat.	22	A ·09	4 ·17	—29
25	Sun.	23	1 ·14	5 ·27	1
26	Mon.	24	2 ·19	6 ·34	2
27	Tues.	25	3 ·22	7 ·39	3
28	Wed.	26	4 ·24	8 ·42	4
29	Thur.	27	5 ·22	9 ·43	5
30	Fri.	28	6 ·19	10 ·43	6
—31	Sat.	29	7 ·13	11 ·40	7
1	Sun.	30	8 ·06 9 ·98	12 ·36	8
2	Mon.	31	10 ·89	13 ·30	9
Vilamba. **Mithuna—Âni.**	**June.**				
3	Tues.	1	11 ·79	14 ·24	10
4	Wed.	2	12 ·69	15 ·17	11
5	Thur.	3	13 ·59	16 ·11	12
6	Fri.	4	14 ·49	17 ·05 18 ·98	13
7	Sat.	5	P ·39	19 ·93	14
8	Sun.	6	1 ·30	20 ·89	15
9	Mon.	7	2 ·23	21 ·85	16
10	Tues.	8	3 ·18	22 ·84	17
11	Wed.	9	4 ·14	23 ·84	18
12	Thur.	10	5 ·12	24 ·87	19
13	Fri.	11	6 ·12	25 ·91	20
14	Sat.	12	7 ·14	26 ·98	21
15	Sun.	13	8 ·18	... ...	22
16	Mon.	14	9 ·24	27 ·06	23
17	Tues.	15	10 ·31	1 ·16	24
18	Wed.	16	11 ·39	2 ·27	25
19	Thur.	17	12 ·48	3 ·37	26
20	Fri.	18	13 ·56	4 ·47	27
21	Sat.	19	14 ·63	5 ·57	28
22	Sun.	20	A ·67	6 ·64	29
23	Mon.	21	1 ·70	7 ·70	—30
24	Tues.	22	2 ·71	8 ·75	1
25	Wed.	23	3 ·69	9 ·76	2
26	Thur.	24	4 ·66	10 ·76	3
27	Fri.	25	5 ·61	11 ·73	4
28	Sat.	26	6 ·54	12 ·70	5
29	Sun.	27	7 ·46	13 ·66	6
30	Mon.	28	8 ·38	14 ·60	7
31	Tues.	29	9 ·27	15 ·53	8
—32	Wed.	30	10 ·16	16 ·46	9

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

83446

A.D. 1658. **Kollam 834,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** } **Hijra 1069.** **Vikrama 1715.**
A—Amāvāsyā. Commences Commences **Sep. 19.** **Bengal San. 1064.**
P—Paurnima. **(N. Cycle) Plavaṅga.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
Vilamba. **Karkataka—Ādi.** 1	Thur. 1	11 ·07 – 12 ·96	17 ·39	10	1	Wed. 1	**P** ·61	25 ·85	13	1	Mon. 1	**Kārt.** 1 ·06	4 ·98	14
2	Fri. 2	13 ·87	18 ·33	11	2	Thur. 2	1 ·62	26 ·90	14	2	Tues. 2	2 ·15	... ...	15
3	Sat. 3	14 ·78	19 ·27	12	3	Fri. 3	2 ·66	27 ·98	15	3	Wed. 3	3 ·23	5 ·08	16
4	Sun. 4	**P** ·71	20 ·22	13	4	Sat. 4	3 ·72	... ...	16	4	Thur. 4	4 ·30	6 ·18	17
5	Mon. 5	1 ·65	21 ·18	14	5	Sun. 5	4 ·80	1 ·06	17	5	Fri. 5	5 ·35	7 ·25	18
6	Tues. 6	2 ·61	22 ·16	15	6	Mon. 6	5 ·90	2 ·16	18	6	Sat. 6	6 ·39	8 ·31	19
7	Wed. 7	3 ·60	23 ·17	16	7	Tues. 7	6 ·98	3 ·27	19	7	Sun. 7	7 ·40	9 ·36	20
8	Thur. 8	4 ·59	24 ·19	17	8	Wed. 8	... ...	4 ·38	20	8	Mon. 8	8 ·39	10 ·38	21
9	Fri. 9	5 ·62	25 ·22	18	9	Thur. 9	7 ·05	5 ·48	21	9	Tues. 9	9 ·37	11 ·38	22
10	Sat. 10	6 ·68	26 ·28	19	10	Fri. 10	8 ·12	6 ·57	22	10	Wed. 10	10 ·32	12 ·36	23
11	Sun. 11	7 ·72	27 ·36	20	11	Sat. 11	9 ·17	7 ·64	23	11	Thur. 11	11 ·27	13 ·33	24
12	Mon. 12	8 ·79	1 ·45	21	12	Sun. 12	10 ·20	8 ·69	24	12	Fri. 12	12 ·19	14 ·29	25
13	Tues. 13	9 ·88	2 ·56	22	13	Mon. 13	11 ·22	9 ·72	25	13	Sat. 13	13 ·10	15 ·26	26
14	Wed. 14	10 ·96	3 ·67	23	14	Tues. 14	12 ·21	10 ·74	26	14	Sun. 14	14 ·01 – **A** ·91	16 ·16	27
15	Thur. 15	... ...	4 ·78	24	15	Wed. 15	13 ·18	11 ·73	27	15	Mon. 15	1 ·81	17 ·09	28
16	Fri. 16	11 ·02	5 ·87	25	16	Thur. 16	14 ·14	12 ·70	28	16	Tues. 16	2 ·71	18 ·02 – 19 ·96	—29
17	Sat. 17	12 ·10	6 ·95	26	17	Fri. 17	—**A** ·07	13 ·66	29	17	Wed. 17	3 ·63	20 ·90	1
18	Sun. 18	13 ·15	... ...	27	18	Sat. 18	1 ·00 – 2 ·91	14 ·60	—30	18	Thur. 18	4 ·55	21 ·85	2
19	Mon. 19	14 ·19	7 ·02	28	19	Sun. 19	3 ·82	15 ·54	1	19	Fri. 19	5 ·48	22 ·81	3
20	Tues. 20	—**A** ·19	8 ·06	—29	20	Mon. 20	4 ·72	16 ·48	2	20	Sat. 20	6 ·42	23 ·78	4
21	Wed. 21	1 ·18	9 ·08	1	21	Tues. 21	5 ·62	17 ·41	3	21	Sun. 21	7 ·39	24 ·79	5
22	Thur. 22	2 ·15	10 ·08	2	22	Wed. 22	6 ·51	18 ·34	4	22	Mon. 22	8 ·38	25 ·80	6
23	Fri. 23	3 ·09	11 ·06	3	23	Thur. 23	7 ·42	19 ·28	5	23	Tues. 23	9 ·38	26 ·84	7
24	Sat. 24	4 ·03 – 5 ·95	12 ·04 – 13 ·99	4	24	Fri. 24	8 ·31	20 ·22	6	24	Wed. 24	10 ·41	27 ·89	8
25	Sun. 25	6 ·86	14 ·93	5	25	Sat. 25	9 ·27	21 ·18	7	25	Thur. 25	11 ·46	1 ·97	9
26	Mon. 26	7 ·76	15 ·87	6	26	Sun. 26	10 ·21	22 ·15	8	26	Fri. 26	12 ·53	... ...	10
27	Tues. 27	8 ·66	16 ·80	7	27	Mon. 27	11 ·17	23 ·13	9	27	Sat. 27	13 ·60	2 ·07	11
28	Wed. 28	9 ·56	17 ·73	8	28	Tues. 28	12 ·15	24 ·14	10	28	Sun. 28	14 ·69	3 ·17	12
29	Thur. 29	10 ·46	18 ·66	9	29	Wed. 29	13 ·15	25 ·16	11	—29	Mon 29	**P** ·78	4 ·28	13
30	Fri. 30	11 ·36	19 ·69	10	30	Thur. 30	14 ·18	26 ·22	12	1	Tues. 30	1 ·86	5 ·38	14
—31	Sat. 31	12 ·27	20 ·55	11										
	Aug.					**Oct.**					**Dec.**			
Vilamba. **Simha—Āvani.** 1	Sun. 1	13 ·20	21 ·51	12	—31	Fri. 1				2	Wed. 1	2 ·94	6 ·48	15
2	Mon. 2	14 ·14	22 ·50	13	1	Sat. 2	**P** ·23	27 ·28	13	3	Thur. 2	... ...	7 ·56	16
3	Tues. 3	**P** ·11	23 ·49	14	2	Sun. 3	1 ·28	1 ·36	14	4	Fri. 3	3 ·00	8 ·63	17
4	Wed. 4	1 ·08	24 ·50	15	3	Mon. 4	2 ·36	2 ·46	15	5	Sat. 4	4 ·03	9 ·68	18
5	Thur. 5	2 ·09	25 ·54	16	4	Tues. 5	3 ·46	3 ·57	16	6	Sun. 5	5 ·04	10 ·70	19
6	Fri. 6	3 ·10	26 ·59	17	5	Wed. 6	4 ·54	4 ·68	17	7	Mon. 6	6 ·03	11 ·71	20
7	Sat. 7	4 ·14	27 ·66	18	6	Thur. 7	5 ·62	5 ·78	18	8	Tues. 7	7 ·01 – 8 ·96	12 ·69	21
8	Sun. 8	5 ·21	1 ·76	19	7	Fri. 8	6 ·69	6 ·87	19	9	Wed. 8	9 ·90	13 ·67	22
9	Mon. 9	6 ·28	2 ·86	20	8	Sat. 9	7 ·74	7 ·95	20	10	Thur. 9	10 ·82	14 ·62	23
10	Tues. 10	7 ·37	3 ·97	21	9	Sun. 10	8 ·77	... ...	21	11	Fri. 10	11 ·73	15 ·56	24
11	Wed. 11	8 ·45	... ...	22	10	Mon. 11	9 ·80	8 ·00	22	12	Sat. 11	12 ·63	16 ·50	25
12	Thur. 12	9 ·53	4 ·07	23	11	Tues. 12	10 ·79	9 ·05	23	13	Sun. 12	13 ·54	17 ·43	26
13	Fri. 13	10 ·60	5 ·17	24	12	Wed. 13	11 ·77	10 ·06	24	14	Mon. 13	14 ·44	18 ·37	27
14	Sat. 14	11 ·64	6 ·26	25	13	Thur. 14	12 ·72	11 ·06 – 12 ·03 – 13 ·99	25 – 26	15	Tues. 14	—**A** ·34	19 ·30	28
15	Sun. 15	12 ·67	7 ·33	26	14	Fri. 15	13 ·65	14 ·94	27	16	Wed. 15	1 ·26	20 ·23	29
16	Mon. 16	13 ·69	8 ·38	27	15	Sat. 16	14 ·58	—**A** ·49	28	17	Thur. 16	2 ·19	21 ·18	—30
17	Tues. 17	14 ·68	9 ·40	28	16	Sun. 17	1 ·39	16 ·82	29	18	Fri. 17	3 ·13	22 ·14	1
18	Wed. 18	—**A** ·65	10 ·41	29	17	Mon. 18	2 ·29	17 ·75	—30	19	Sat. 18	4 ·07	23 ·12	2
19	Thur. 19	1 ·61	11 ·40	—30	18	Tues. 19	3 ·20	18 ·68	1	20	Sun. 19	5 ·04	24 ·11	3
20	Fri. 20	2 ·53	12 ·37	1	19	Wed. 20	4 ·10	19 ·61	2	21	Mon. 20	6 ·02	25 ·12	4
21	Sat. 21	3 ·45	13 ·33	2	20	Thur. 21	5 ·01 – 6 ·93	20 ·56	3	22	Tues. 21	7 ·03	26 ·15	5
22	Sun. 22	4 ·37	14 ·27	3	21	Fri. 22	7 ·86	21 ·51	4	23	Wed. 22	8 ·06	27 ·20	6
23	Mon. 23	5 ·27	15 ·20	4	22	Sat. 23	8 ·80	22 ·48	5	24	Thur. 23	9 ·11	1 ·27	7
24	Tues. 24	6 ·17	16 ·14	5	23	Sun. 24	9 ·76	23 ·46	6	25	Fri. 24	10 ·18	2 ·37	8
25	Wed. 25	7 ·07 – 8 ·97	17 ·07 – 18 ·00	6	24	Mon. 25	10 ·76	24 ·46	7	26	Sat. 25	11 ·26	3 ·47	9
26	Thur. 26	9 ·88	19 ·94	7	25	Tues. 26	11 ·76	25 ·49	8	27	Sun. 26	12 ·35	4 ·57	10
27	Fri. 27	10 ·80	20 ·88	8	26	Wed. 27	12 ·76	26 ·53	9	28	Mon. 27	13 ·44	5 ·68	11
28	Sat. 28	11 ·72	21 ·84	9	27	Thur. 28	13 ·82	27 ·59	10	29	Tues. 28	14 ·52	6 ·78	12
29	Sun. 29	12 ·66	22 ·82	10	28	Fri. 29	14 ·88	1 ·67	11	—30	Wed. 29	**P** ·59	7 ·87	13
30	Mon. 30	13 ·62	23 ·81	11	29	Sat. 30	**P** ·97	2 ·76	12	1	Thur. 30	1 ·64	8 ·94	14
—31	Tues. 31	14 ·60	24 ·82	12	—30	Sun. 31	... ...	3 ·87	13	2	Fri. 31	2 ·67	9 ·99	15

Śaka. *Bahula.* *Śukla.* *Vilamba.* *Kanyā—Purattāśi.* *H.* 1068 *Zi-l-ḥijja.* *H.* 1069 *Muḥarram.* *H.* 1069 *Śafar.* *H.* 1069 *Rabī-ul awwal.* *H.* 1069 *Rabī-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1659. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·26.** **Śaka 1581.** **Kaliyuga 4760.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·17.** **(S. Cycle) Vikārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Sat.	1	3 ·69	... ...	16	3	Tues.	1	3 ·77	14 ·62	16	3	Sun.	1	*Bahula.* 5 ·30	21 ·86	18
4	Sun.	2	4 ·68	10 ·02	17	4	Wed.	2	4 ·70	15 ·58	17	4	Mon.	2	6 ·20	22 ·81	19
5	Mon.	3	5 ·65	11 ·03	18	5	Thur.	3	5 ·60	16 ·52	18	5	Tues.	3	7 ·12	23 ·76	20
6	Tues.	4	6 ·61	12 ·00	19	6	Fri.	4	6 ·51	17 ·45	19	6	Wed.	4	8 ·05	24 ·74	21
7	Wed.	5	*Bahula.* 7 ·54	13 ·00 14 ·95	20	7	Sat.	5	7 ·40	18 ·38	20	7	Thur.	5	9 ·01 10 ·98	25 ·73	22
8	Thur.	6	8 ·46	15 ·90	21	8	Sun.	6	8 ·31	19 ·31	21	8	Fri.	6	11 ·96	26 ·74	23
9	Fri.	7	9 ·37	16 ·84	22	9	Mon.	7	9 ·21	20 ·24	22	9	Sat.	7	12 ·96	27 ·77	24
10	Sat.	8	10 ·28	17 ·78	23	10	Tues.	8	10 ·12	21 ·19	23	10	Sun.	8	... ...	1 ·82	25
11	Sun.	9	11 ·18	18 ·71	24	11	Wed.	9	11 ·04 12 ·97	22 ·14	24	11	Mon.	9	13 ·00	2 ·89	26
12	Mon.	10	12 ·08 13 ·99	19 ·64	25	12	Thur.	10	13 ·93	23 ·10	25	12	Tues.	10	14 ·05	3 ·98	27
13	Tues.	11	14 ·90	20 ·57	26	13	Fri.	11	14 ·90	24 ·08	26	13	Wed. ●	11	—**A** ·11	... ...	28
14	Wed.	12	—**A** ·82	21 ·61	27	14	Sat.	12	—**A** ·89	25 ·08	27	14	Thur.	12	1 ·18	4 ·07	—29
15	Thur.	13	1 ·76	22 ·48	28	15	Sun.	13	1 ·89	26 ·10	28	15	Fri.	13	2 ·26	5 ·18	1
16	Fri.	14	2 ·71	23 ·45	—29	16	Mon.	14	2 ·92	27 ·14	—29	16	Sat.	14	3 ·34	6 ·29	2
17	Sat.	15	3 ·68	24 ·43	1	17	Tues.	15	3 ·98	1 ·20	1	17	Sun.	15	*Sukla.* 4 ·42	7 ·39	3
18	Sun.	16	4 ·66	25 ·44	2	18	Wed.	16	... ...	2 ·27	2	18	Mon.	16	5 ·49	8 ·48	4
19	Mon.	17	5 ·68	26 ·46	3	19	Thur.	17	*Sukla.* 4 ·05	3 ·37	3	19	Tues.	17	6 ·53	9 ·56	5
20	Tues.	18	*Sukla.* 6 ·71	27 ·51	4	20	Fri	18	5 ·13	4 ·48	4	20	Wed.	18	7 ·55	10 ·61	6
21	Wed.	19	7 ·77	1 ·59	5	21	Sat.	19	6 ·21	5 ·59	5	21	Thur.	19	8 ·56	11 ·64	7
22	Thur.	20	8 ·83	2 ·67	6	22	Sun.	20	7 ·30	6 ·69	6	22	Fri.	20	9 ·55	12 ·65	8
23	Fri.	21	9 ·91	3 ·77	7	23	Mon.	21	8 ·38	7 ·78	7	23	Sat.	21	10 ·51	13 ·65	9
24	Sat.	22	... ...	4 ·87	8	24	Tues.	22	9 ·44	8 ·87	8	24	Sun.	22	11 ·45	14 ·62	10
25	Sun.	23	10 ·00	5 ·98	9	25	Wed.	23	10 ·49	9 ·94	9	25	Mon.	23	12 ·38	15 ·58	11
26	Mon.	24	11 ·09	... ...	10	26	Thur.	24	11 ·51	10 ·98	*H.* 1069 *Rajab.* 10	26	Tues.	24	13 ·29	16 ·53	12
27	Tues.	25	12 ·17	6 ·09	11	27	Fri.	25	12 ·52	... ...	11	27	Wed.	25	14 ·20	17 ·47	13
28	Wed.	26	13 ·24	7 ·18	12	28	Sat.	26	13 ·50	11 ·00	12	28	Thur.	26	**P** ·10	18 ·41	14
—29	Thur.	27	14 ·30	8 ·25	13	29	Sun.	27	14 ·47	12 ·00 13 ·99	13	29	Fri.	27	1 ·00 2 ·90	19 ·34	15
1	Fri.	28	*Māgha.* **P** ·31	9 ·31	*H.* 1069 14	—30	Mon.	28	**P** ·41	14 ·96	14	30	Sat.	28	3 ·80	20 ·27	16
2	Sat.	29	1 ·32	10 ·34	15	1	Tues.	29	1 ·35	15 ·92	15	—31	Sun.	29	4 ·71	21 ·20	17
3	Sun.	30	2 ·32	11 ·36	16	2	Wed.	30	2 ·27	16 ·86	16	1	Mon.	30	5 ·63	22 ·14	18
4	Mon.	31	3 ·29	12 ·35	17	3	Thur.	31	3 ·17	17 ·79	17	2	Tues.	31	6 ·55	23 ·11	19
	Feb.						**April.**						**June.**				
5	Tues.	1	4 ·23	13 ·33	18	4	Fri.	1	4 ·07 5 ·96	18 ·72	18	3	Wed.	1	7 ·50	24 ·07	20
6	Wed.	2	5 ·16	14 ·29	19	5	Sat.	2	6 ·87	19 ·65	19	4	Thur.	2	*Bahula.* 8 ·47	25 ·06	21
7	Thur.	3	6 ·09	15 ·24	20	6	Sun.	3	7 ·77	20 ·59	20	5	Fri.	3	9 ·44	26 ·06	22
8	Fri.	4	7 ·00 8 ·90	16 ·18	21	7	Mon.	4	8 ·68	21 ·53	21	6	Sat.	4	10 ·45	27 ·08	23
9	Sat.	5	9 ·80	17 ·11	22	8	Tues.	5	9 ·60	22 ·48	22	7	Sun.	5	11 ·48	1 ·12	24
10	Sun.	6	*Bahula.* 10 ·70	18 ·04 19 ·97	23	9	Wed.	6	*Bahula.* 10 ·53	23 ·43	23	8	Mon.	6	12 ·52	2 ·20	25
11	Mon.	7	11 ·61	20 ·91	24	10	Thur.	7	11 ·48	24 ·41	24	9	Tues.	7	13 ·58	3 ·28	26
12	Tues.	8	12 ·52	21 ·85	25	11	Fri.	8	12 ·45	25 ·41	25	10	Wed.	8	14 ·65	4 ·37	27
13	Wed.	9	13 ·45	22 ·81	26	12	Sat.	9	13 ·44	26 ·42	26	11	Thur.	9	—**A** ·74	5 ·48	28
14	Thur.	10	14 ·38	23 ·78	27	13	Sun.	10	14 ·44	27 ·45	27	12	Fri.	10	1 ·82	6 ·59	29
15	Fri.	11	—**A** ·34	24 ·76	28	14	Mon.	11	—**A** ·48	1 ·51	28	13	Sat.	11	2 ·90	7 ·70	—30
16	Sat.	12	1 ·30	25 ·76	29	15	Tues.	12	1 ·53	2 ·58	29	14	Sun.	12	3 ·96	8 ·79	1
17	Sun.	13	2 ·29	26 ·78	—30	16	Wed.	13	2 ·59	3 ·68	—30	15	Mon.	13	... ...	9 ·86	2
18	Mon.	14	3 ·30	27 ·83	1	17	Thur.	14	3 ·67	4 ·78	1	16	Tues.	14	*Sukla.* 4 ·01	10 ·92	3
19	Tues.	15	*Sukla.* 4 ·33	1 ·89	2	18	Fri.	15	4 ·75	5 ·88	2	17	Wed.	15	5 ·03	11 ·96	4
20	Wed.	16	5 ·39	2 ·97	3	19	Sat.	16	*Sukla.* 5 ·84	6 ·99	3	18	Thur.	16	6 ·04	12 ·98	5
21	Thur.	17	6 ·45	... ...	4	20	Sun	17	6 ·91	... ...	4	19	Fri.	17	7 ·02 8 ·99	13 ·98	6
22	Fri.	18	7 ·53	3 ·07	5	21	Mon.	18	7 ·98	7 ·09	5	20	Sat.	18	9 ·94	14 ·95	7
23	Sat.	19	8 ·63	4 ·17	6	22	Tues.	19	... ...	8 ·17	6	21	Sun.	19	10 ·86	15 ·92	8
24	Sun.	20	9 ·71	5 ·29	7	23	Wed.	20	8 ·03	9 ·24	7	22	Mon.	20	11 ·78	16 ·87	9
25	Mon.	21	10 ·79	6 ·39	8	24	Thur.	21	9 ·06	10 ·29	8	23	Tues.	21	12 ·69	17 ·81	10
26	Tues.	22	11 ·85	7 ·48	9	25	Fri.	22	10 ·05	11 ·32	9	24	Wed.	22	13 ·59	18 ·75	11
27	Wed.	23	12 ·90	8 ·56	10	26	Sat.	23	11 ·03	12 ·33	10	25	Thur.	23	14 ·48	19 ·68	12
28	Thur.	24	13 ·93	9 ·62	11	27	Sun.	24	12 ·00 13 ·95	13 ·31	11	26	Fri.	24	**P** ·38	20 ·61	13
29	Fri.	25	14 ·96	10 ·67	12	28	Mon.	25	14 ·88	14 ·29	12	27	Sat.	25	1 ·28	21 ·54	14
—30	Sat.	26	**P** ·93	11 ·68	13	29	Tues ○	26	**P** ·80	15 ·25	13	28	Sun.	26	2 ·18	22 ·49	15
1	Sun.	27	*Phālguna.* 1 ·89	12 ·68	14	30	Wed.	27	1 ·70	16 ·19	14	29	Mon.	27	3 ·10	23 ·44	16
2	Mon.	28	2 ·84	13 ·66	15	—31	Thur.	28	2 ·60	17 ·13	15	30	Tues.	28	4 ·03 5 ·98	24 ·40	17
						1	Fri.	29	*Vaiśākha.* 3 ·50	18 ·06	16	31	Wed.	29	6 ·95	25 ·38	18
						2	Sat.	30	4 ·40	19 ·00 20 ·93	17	—32	Thur.	30	7 ·93	26 ·38	19

Vilamba. **Makara—Tai.** *Vilamba.* **Mīna—Paṅguni.** *Vikārin.* **Vṛishabha—Vaigāśi.**

Vilamba. **Kumbha—Māśi.** *Vikārin.* **Mēsha—Chittirai.** *Vikārin.* **Mithuna—Āni.**

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1659. **Kollam 835,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1070** Commences **Sep. 8.** **Vikrama 1716.** **Bengal San. 1065.** **(N. Cycle) Kilaka.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
Vikārin. **Karkataka—Ādi.**		*Bahula.*			*Vikārin.* **Kanyā—Puraṭṭāśi.**		*Bahula.*		*H.* 1070 *Muharram.*	*Vikārin.* **Vṛiśchika—Kārttigai.**		*Sukla.*		
1	Fri. 1	8 ·92	27 ·40	20	—31	Thur. 1	10 ·29	7 ·59	23	1	Tues. 1	12 ·69	13 ·60	25
2	Sat. 2	9 ·95	1 ·44	21	1	Fri. 2	11 ·37	8 ·69	24	2	Wed. 2	13 ·66	14 ·60	26
3	Sun. 3	.. ...	2 ·50	22	2	Sat. 3	12 ·44	9 ·79	25	3	Thur. 3	14 ·62	15 ·58	27
4	Mon. 4	10 ·00	3 ·58	23	3	Sun. 4	13 ·49	10 ·86	26	4	Fri. 4	—**A** ·55	16 ·54	28
5	Tues. 5	11 ·06	4 ·67	24	4	Mon. 5	14 ·52	11 ·91	27	5	Sat. 5	1 ·47	17 ·50	—29
6	Wed. 6	12 ·13	5 ·78	25	5	Tues. 6	—**A** ·54	12 ·94	28	6	Sun. 6	2 ·38	18 ·45	1
7	Thur. 7	13 ·22	6 ·89	26	6	Wed. 7	1 ·52	13 ·95	—29	7	Mon. 7	3 ·29	19 ·38	2
8	Fri. 8	14 ·30	... ...	27	7	Thur. 8	2 ·50	14 ·94	1	8	Tues. 8	4 ·19	20 ·31	3
9	Sat. 9	—**A** ·38	7 ·00	28	8	Fri. 9	3 ·45	15 ·92	2	9	Wed. 9	5 ·09	21 ·24	4
10	Sun. 10	1 ·44	8 ·09	—29	9	Sat. 10	4 ·39	16 ·88	3			6 ·99		
11	Mon. 11	2 ·49	9 ·17	1	10	Sun. 11	5 ·30	17 ·82	4	10	Thur. 10	7 ·91	22 ·17	5
12	Tues. 12	3 ·51	10 ·23	2	11	Mon. 12	6 ·21	18 ·76	5	11	Fri. 11	8 ·83	23 ·12	6
13	Wed. 13	4 ·53	11 ·28	3	12	Tues. 13	7 ·11	19 ·69	6	12	Sat. 12	9 ·75	24 ·07	7
14	Thur. 14	5 ·50	12 ·30	4	13	Wed. 14	8 ·01	20 ·63	7	13	Sun. 13	10 ·70	25 ·03	8
15	Fri. 15	6 ·47	13 ·30	5			9 ·31			14	Mon. 14	11 ·68	26 ·00	9
16	Sat. 16	7 ·42	14 ·28	6	14	Thur. 15	10 ·81	21 ·56	8	15	Tues. 15	12 ·66	27 ·00	10
17	Sun. 17	8 ·35	15 ·25	7	15	Fri. 16	11 ·72	22 ·50	9	16	Wed. 16	13 ·67	1 ·01	11
18	Mon. 18	9 ·27	16 ·21	8	16	Sat. 17	12 ·64	23 ·44	10	17	Thur. 17	14 ·69	2 ·06	12
19	Tues. 19	10 ·18	17 ·15	9	17	Sun. 18	13 ·57	24 ·39	11	18	Fri. 18	**P** ·75	3 ·11	13
20	Wed. 20	11 ·08	18 ·08	10	18	Mon. 19	14 ·52	25 ·37	12	19	Sat. 19	1 ·81	4 ·19	14
		12 ·97			19	Tues. 20	**P** ·48	26 ·35	13	20	Sun. 20	2 ·89	5 ·28	15
21	Thur. 21	13 ·87	19 ·01	11	20	Wed. 21	1 ·46	27 ·36	14	21	Mon. 21	3 ·98	6 ·38	16
			20 ·94		21	Thur. 22	2 ·45	1 ·38	15	22	Tues. 22	... ...	7 ·50	17
22	Fri. 22	14 ·78	21 ·88	12	22	Fri. 23	3 ·49	2 ·43	16	23	Wed. 23	4 ·07	8 ·60	18
23	Sat. 23	**P** ·68	22 ·82	13	23	Sat. 24	4 ·53	3 ·50	17	24	Thur. 24	5 ·15	9 ·70	19
24	Sun. 24	1 ·60	23 ·77	14	24	Sun. 25	5 ·59	4 ·58	18	25	Fri. 25	6 ·22	10 ·78	20
25	Mon. 25	2 ·52	24 ·73	15	25	Mon. 26	6 ·67	5 ·68	19	26	Sat. 26	7 ·28	11 ·84	21
26	Tues. 26	3 ·46	25 ·71	16	26	Tues. 27	7 ·76	6 ·79	20	27	Sun. 27	8 ·32	12 ·89	22
27	Wed. 27	4 ·42	26 ·70	17	27	Wed. 28	8 ·84	7 ·90	21	28	Mon. 28	9 ·32	13 ·92	23
28	Thur. 28	5 ·41	27 ·72	18	28	Thur. 29	9 ·92	... ...	22	—29	Tues. 29	10 ·31	14 ·93	24
29	Fri. 29	6 ·41	1 ·76	19	29	Fri. 30	10 ·99	8 ·00	23	1	Wed. 30	11 ·28	15 ·91	25
30	Sat. 30	7 ·43	2 ·81	20										
31	Sun. 31	8 ·47	3 ·88	21										
	Aug.					**Oct.**					**Dec.**			
—32	Mon. 1	9 ·53	4 ·97	22	—30	Sat. 1	... ...	9 ·09	24	2	Thur. 1	12 ·24	16 ·88	26
1	Tues. 2	10 ·61	... .	23	1	Sun. 2	11 ·05	10 ·17	25	3	Fri. 2	13 ·17	17 ·84	27
2	Wed. 3	11 ·70	5 ·08	24	2	Mon. 3	12 ·09	11 ·22	26	4	Sat. 3	14 ·09	18 ·78	28
3	Thur. 4	12 ·78	6 ·19	25	3	Tues. 4	13 ·10	12 ·26	27	5	Sun. 4	**A** ·01	19 ·72	29
4	Fri. 5	13 ·85	7 ·30	26	4	Wed. 5	14 ·09	13 ·27	28			1 ·92		
5	Sat. 6	14 ·91	8 ·39	27	5	Thur. 6	—**A** ·06	14 ·28	29	6	Mon. 5	2 ·82	20 ·65	—30
6	Sun. 7	—**A** ·97	9 ·48	28	6	Fri. 7	1 ·01	15 ·25	—30	7	Tues. 6	3 ·72	21 ·58	1
7	Mon. 8	.. ...	10 ·55	29			2 ·95			8	Wed. 7	4 ·62	22 ·51	2
8	Tues. 9	1 ·01	11 ·60	—30	7	Sat. 8	3 ·87	16 ·21	1	9	Thur. 8	5 ·53	23 ·45	3
9	Wed. 10	2 ·02	12 ·62	1	8	Sun. 9	4 ·78	17 ·16	2	10	Fri. 9	6 ·46	24 ·40	4
10	Thur. 11	3 ·99	13 ·63	2	9	Mon. 10	5 ·68	18 ·10	3	11	Sat. 10	7 ·39	25 ·36	5
11	Fri. 12	4 ·96	14 ·61	3	10	Tues. 11	6 ·58	19 ·04	4	12	Sun. 11	8 ·35	26 ·33	6
12	Sat. 13	5 ·92	15 ·59	4	11	Wed. 12	7 ·48	20 ·97	5	13	Mon. 12	9 ·31	27 ·32	7
13	Sun. 14	6 ·85	16 ·54	5	12	Thur. 13	8 ·39	21 ·90	6	14	Tues. 13	10 ·30	1 ·34	8
14	Mon. 15	7 ·77	17 ·49	6	13	Fri. 14	9 ·30	22 ·83	7	15	Wed. 14	11 ·31	2 ·37	9
15	Tues. 16	8 ·67	18 ·42	7	14	Sat. 15	10 ·22	23 ·77	8	16	Thur. 15	12 ·34	3 ·42	10
16	Wed. 17	9 ·58	19 ·35	8	15	Sun. 16	11 ·15	24 ·73	9	17	Fri. 16	13 ·40	4 ·49	11
17	Thur. 18	10 ·47	20 ·28	9	16	Mon. 17	12 ·19	25 ·70	10	18	Sat. 17	14 ·47	5 ·58	12
18	Fri. 19	11 ·38	21 ·22	10	17	Tues. 18	13 ·06	26 ·68	11	19	Sun. 18	**P** ·55	6 ·69	13
19	Sat. 20	12 ·28	22 ·16	11	18	Wed. 19	14 ·04	27 ·68	12	20	Mon. 19	1 ·64	7 ·80	14
20	Sun. 21	13 ·19	23 ·10	12	19	Thur. ○ 20	**P** ·05	1 ·70	13	21	Tues. 20	2 ·73	8 ·90	15
		14 ·10			20	Fri. 21	1 ·08	2 ·75	14	22	Wed. 21	3 ·81	... ...	16
21	Mon. 22	**P** ·02	24 ·06	13	21	Sat. 22	2 ·12	3 ·81	15	23	Thur. 22	4 ·88	9 ·00	17
		1 ·97			22	Sun. 23	3 ·19	4 ·89	16	24	Fri. 23	5 ·93	10 ·09	18
22	Tues. 23	2 ·93	25 ·03	14	23	Mon. 24	4 ·27	5 ·98	17	25	Sat. 24	6 ·96	11 ·16	19
23	Wed. 24	3 ·92	26 ·03	15	24	Tues. 25	5 ·35	... ...	18	26	Sun. 25	7 ·97	12 ·21	20
24	Thur. 25	4 ·92	27 ·04	16	25	Wed. 26	6 ·44	6 ·08	19	27	Mon. 26	8 ·96	13 ·24	21
25	Fri. 26	5 ·95	1 ·07	17	26	Thur. 27	7 ·53	7 ·19	20	28	Tues. 27	9 ·93	14 ·25	22
26	Sat. 27	6 ·99	2 ·12	18	27	Fri. 28	8 ·60	8 ·30	21	29	Wed. 28	10 ·88	15 ·24	23
27	Sun. 28	.. ...	3 ·19	19	28	Sat. 29	9 ·65	9 ·40	22	—30	Thur. 29	11 ·82	16 ·22	24
28	Mon. 29	7 ·04	4 ·28	20	29	Sun. 30	10 ·69	10 ·47	23	1	Fri. 30	12 ·74	17 ·17	25
29	Tues. 30	8 ·12	5 ·38	21	—30	Mon. 31	11 ·69	11 ·53	24	2	Sat. 31	13 ·66	18 ·12	26
30	Wed. 31	9 ·20	6 ·49	22										

Vikārin. **Simha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 1069 *Ẓi-l-ka'da.* *Vikārin.* **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1070 *Śafar.* *Vikārin.* **Dhanus—Mārgaḷi.** *Śukla.* **Pausha.** *Bahula.* *H.* 1070 *Rabī-ul akhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1660 **Mēsha Saṅkrānti** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Sūrya Sid.) March 28·52.** **Śaka 1582.** **Kaliyuga 4761.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·43.** **(S. Cycle) Śārvari.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Vikārin. **Makara—Tai.**					*Vikārin.* **Mīna—Paṅguni.**					*Śārvari.* **Vṛishabha—Vaigāśi.**				
3	Sun. 1	14 ·57	19 ·05 / 20 ·98	27	4	Thur. 1	A ·33	25 ·36	28	4	Tues. 1	2 ·31	4 ·03	1
4	Mon. 2	A ·47	21 ·91	28	5	Fri. 2	1 ·27	26 ·32	29	5	Wed. 2	3 ·37	5 ·10	2
5	Tues. 3	1 ·37	22 ·85	29	6	Sat. 3	2 ·23	27 ·30	1	6	Thur 3	4 ·43	6 ·19	3
6	Wed. 4	2 ·27	23 ·79	1	7	Sun. 4	3 ·20	1 ·30	2	7	Fri. 4	5 ·51	7 ·29	4
7	Thur. 5	3 ·18	24 ·73	2	8	Mon. 5	4 ·18	2 ·32	3	8	Sat. 5	6 ·59	8 ·40	5
8	Fri. 6	4 ·10	25 ·69	3	9	Tues. 6	5 ·19	3 ·36	4	9	Sun. 6	7 ·66	9 ·51	6
9	Sat. 7	5 ·04	26 ·66	4	10	Wed. 7	6 ·23	4 ·42	5	10	Mon. 7	8 ·74	10 ·61	7
10	Sun. 8	6 ·00 / 6 ·96	27 ·65	5	11	Thur. 8	7 ·28	5 ·49	6	11	Tues. 8	9 ·81	11 ·70	8
11	Mon. 9	8 ·95	1 ·66	6	12	Fri. 9	8 ·36	6 ·59	7	12	Wed. 9	10 ·86	12 ·78	9
12	Tues. 10	9 ·96	2 ·68	7	13	Sat. 10	9 ·45	7 ·69	8	13	Thur. 10	11 ·88	13 ·83	10
13	Wed. 11	... ...	3 ·73	8	14	Sun. 11	10 ·53	8 ·81	9	14	Fri. 11	12 ·88	14 ·86	11
14	Thur. 12	10 ·00	4 ·80	9	15	Mon. 12	11 ·61	9 ·91	10	15	Sat. 12	13 ·86	15 ·87	12
15	Fri. 13	11 ·05	5 ·89	10	16	Tues. 13	12 ·69	... ...	11	16	Sun. 13	14 ·82	16 ·86	13
16	Sat. 14	12 ·12	6 ·99	11	17	Wed. 14	13 ·75	10 ·01	12	17	Mon. 14	P ·77	17 ·84	14
17	Sun. 15	13 ·20	... ...	12	18	Thur. 15	14 ·79	11 ·09	13	18	Tues. 15	1 ·69	18 ·80	15
18	Mon. 16	14 ·29	7 ·09	13	19	Fri. 16	P ·83	12 ·15	14	19	Wed. 16	2 ·61	19 ·75	16
19	Tues. 17	P ·38	8 ·20	14	20	Sat. 17	1 ·82	13 ·19	15	20	Thur. 17	3 ·52	20 ·69	17
20	Wed. 18	1 ·46	9 ·30	15	21	Sun. 18	2 ·80	14 ·22	16	21	Fri. 18	4 ·42	21 ·62	18
21	Thur. 19	2 ·53	10 ·46	16	22	Mon. 19	3 ·76	15 ·22	17	22	Sat. 19	5 ·32	22 ·56	19
22	Fri. 20	3 ·57	11 ·47	17	23	Tues. 20	4 ·71	16 ·21	18	23	Sun. 20	6 ·21	23 ·49	20
23	Sat. 21	4 ·60	12 ·53	18	24	Wed. 21	5 ·64	17 ·17	19	24	Mon. 21	7 ·11	24 ·42	21
24	Sun. 22	5 ·61	13 ·56	19	25	Thur. 22	6 ·56	18 ·13	20	25	Tues. 22	8 ·02 / 9 ·94	25 ·36	22
25	Mon. 23	6 ·60	14 ·57	20	26	Fri. 23	7 ·47	19 ·08	21	26	Wed. 23	10 ·87	26 ·32	23
26	Tues. 24	7 ·57	15 ·57	21	27	Sat. 24	8 ·37	20 ·01 / 21 ·94	22	27	Thur. 24	11 ·83	27 ·28	24
27	Wed. 25	8 ·52	16 ·55	22	28	Sun. 25	9 ·27	22 ·87	23	28	Fri. 25	12 ·79	1 ·28	25
28	Thur. 26	9 ·45	17 ·52	23	29	Mon. 26	10 ·17	23 ·80	24	29	Sat. 26	13 ·77	2 ·28	26
29	Fri. 27	10 ·37	18 ·46	24	30	Tues. 27	11 ·08 / 12 ·99	24 ·74	25	30	Sun. 27	14 ·78	3 ·30	27
1	Sat. 28	11 ·28	19 ·39	25	1	Wed. 28	13 ·90	25 ·69	26	31	Mon. 28	A ·81	4 ·34	28
2	Sun. 29	12 ·18	20 ·32	26	2	Thur. 29	14 ·84	26 ·65	27	32	Tues. 29	1 ·86	5 ·41	29
3	Mon. 30	13 ·08 / 14 ·99	21 ·26	27	3	Fri. 30	A ·80	27 ·63	28	1	Wed. 30	2 ·92	6 ·50	30
4	Tues. 31	A ·89	22 ·19	28	4	Sat. 31	1 ·76	1 ·62	29	2	Thur. 31	... ...	7 ·59	1
	Feb.					**April.**					**June.**			
Vikārin. **Kumbha—Māsi.**					*Śārvari.* **Mēsha—Chittirai.**					*Śārvari.* **Mithuna—Āni.**				
5	Wed. 1	1 ·80	23 ·13	29	5	Sun. 1	2 ·74	2 ·64	30	3	Fri. 1	3 ·00	8 ·70	2
6	Thur. 2	2 ·72	24 ·07	30	6	Mon. 2	3 ·75	3 ·67	1	4	Sat. 2	4 ·08	9 ·81	3
7	Fri. 3	3 ·66	25 ·02	1	7	Tues. 3	4 ·79	4 ·73	2	5	Sun. 3	5 ·16	10 ·91	4
8	Sat. 4	4 ·62	26 ·00 / 27 ·98	2	8	Wed. 4	5 ·84	5 ·80	3	6	Mon. 4	6 ·23	...	5
9	Sun. 5	5 ·59	1 ·98	3	9	Thur. 5	6 ·91	6 ·89	4	7	Tues. 5	7 ·29	11 ·01	6
10	Mon. 6	6 ·58	... ...	4	10	Fri. 6	7 ·99	7 ·99	5	8	Wed. 6	8 ·33	12 ·08	7
11	Tues. 7	7 ·59	2 ·00	5	11	Sat. 7	... ...	...	6	9	Thur. 7	9 ·36	13 ·14	8
12	Wed. 8	8 ·63	3 ·04	6	12	Sun. 8	8 ·08	8 ·19	7	10	Fri. 8	10 ·37	14 ·18	9
13	Thur. 9	9 ·68	4 ·11	7	13	Mon. 9	9 ·16	9 ·21	8	11	Sat. 9	11 ·35	15 ·19	10
14	Fri. 10	10 ·75	5 ·19	8	14	Tues. 10	10 ·24	10 ·31	9	12	Sun. 10	12 ·31	16 ·20	11
15	Sat. 11	11 ·83	6 ·29	9	15	Wed. 11	11 ·30	11 ·39	10	13	Mon. 11	13 ·26	17 ·17	12
16	Sun. 12	12 ·91	7 ·39	10	16	Thur. 12	12 ·35	12 ·46	11	14	Tues. 12	14 ·19	18 ·13	13
17	Mon. 13	... ...	8 ·50	11	17	Fri. 13	13 ·36	13 ·52	12	15	Wed. 13	P ·10	19 ·08	14
18	Tues. 14	13 ·00	9 ·61	12	18	Sat. 14	14 ·36	14 ·54	13	16	Thur. 14	1 ·00 / 2 ·90	20 ·02 / 21 ·96	15
19	Wed. 15	14 ·09	10 ·70	13	19	Sun. ○ 15	P ·35	15 ·55	14	17	Fri. 15	3 ·80	22 ·90	16
20	Thur. 16	P ·16	11 ·78	14	20	Mon. 16	1 ·31	16 ·53	15	18	Sat. 16	4 ·70	23 ·82	17
21	Fri. 17	1 ·20	12 ·84	15	21	Tues. 17	2 ·26	17 ·50	16	19	Sun. 17	5 ·60	24 ·76	18
22	Sat. 18	2 ·23	13 ·85	16	22	Wed. 18	3 ·19	18 ·46	17	20	Mon. 18	6 ·51	25 ·70	19
23	Sun. 19	3 ·23	14 ·89	17	23	Thur. 19	4 ·11	19 ·41	18	21	Tues. 19	7 ·42	26 ·65	20
24	Mon. 20	4 ·21	15 ·90	18	24	Fri. 20	5 ·01 / 6 ·91	20 ·35	19	22	Wed. 20	8 ·35	27 ·62	21
25	Tues. 21	5 ·18	16 ·88	19	25	Sat. 21	7 ·81	21 ·28	20	23	Thur. 21	9 ·30	1 ·60	22
26	Wed. 22	6 ·13	17 ·84	20	26	Sun. 22	8 ·71	22 ·21	21	24	Fri. 22	10 ·26	2 ·60	23
27	Thur. 23	7 ·07 / 8 ·99	18 ·79	21	27	Mon. 23	9 ·61	23 ·15	22	25	Sat. 23	11 ·25	3 ·62	24
28	Fri. 24	9 ·90	19 ·73	22	28	Tues. 24	10 ·52	24 ·08	23	26	Sun. 24	12 ·26	4 ·65	25
29	Sat. 25	10 ·80	20 ·67	23	29	Wed. 25	11 ·44	25 ·03 / 26 ·98	24	27	Mon. 25	13 ·28	5 ·72	26
30	Sun. 26	11 ·70	21 ·60	24	30	Thur. 26	12 ·37	27 ·95	25	28	Tues. 26	14 ·33	6 ·80	27
1	Mon. 27	12 ·60	22 ·53	25	31	Fri. 27	13 ·33	1 ·95	26	29	Wed. 27	A ·40	7 ·89	28
2	Tues. 28	13 ·50	23 ·46	26	1	Sat. 28	14 ·29	2 ·96	27	30	Thur. 28	1 ·47	... ...	29
3	Wed. 29	14 ·41	24 ·40	27	2	Sun. 29	A ·27	3 ·99	28	31	Fri. 29	2 ·55	8 ·00	1
					3	Mon. 30	1 ·29	... ...	29	1	Sat. 30	3 ·64	9 ·11	2

Śukla. *Bahula.* *H. 1070 Jumāda'l awwal.* *H. 1070 Jumāda'l ākhir.* *H. 1070 Rajab.* *H. 1070 Sha'bān.* *H. 1070 Ramaẓān.* *H. 1070 Shawwāl.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swā. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ashā. 21. U. Ashā. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1660. **Kollam 836,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1071.** Commences **Aug. 27.** **Vikrama 1717.** **Bengal San. 1066.** **(N. Cycle) Saumya.**

A—Amāvāsyā.
P—Paurnimā.

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari. **Karkataka—Ādi.**	**July.**			
2	Sun. 1	*Sukla.* 4 ·71	10 ·22	3
3	Mon. 2	5 ·77	11 ·31	4
4	Tues. 3	6 ·81	12 ·39	5
5	Wed. 4	7 ·85	13 ·45	
6	Thur. 5	8 ·84	14 ·49	7
7	Fri. 6	9 ·82	15 ·52	8
8	Sat. 7	10 ·79	16 ·52	9
9	Sun. 8	11 ·73	17 ·50	10
10	Mon. 9	12 ·66	18 ·47	11
11	Tues. 10	13 ·58	19 ·42	12
12	Wed. 11	14 ·49	20 ·36	13
13	Thur. 12	P ·39	21 ·30	14
14	Fri. 13	1 ·29	22 ·23	15
15	Sat. 14	2 ·19	23 ·16	16
16	Sun. 15	3 ·08	24 ·09	17
		4 ·99	25 ·03	
17	Mon. 16	5 ·91	26 ·99	18
18	Tues. 17	6 ·84	27 ·95	19
19	Wed. 18	7 ·78	1 ·93	20
20	Thur. 19	8 ·75	2 ·92	21
21	Fri. 20	9 ·73	3 ·94	22
22	Sat. 21	10 ·74	4 ·98	23
23	Sun. 22	11 ·76	...	24
24	Mon. 23	12 ·80	5 ·03	25
25	Tues. 24	13 ·86	6 ·10	26
26	Wed. 25	14 ·94	7 ·19	27
27	Thur. 26	... ...	8 ·29	28
28	Fri. 27	—A ·03	9 ·41	29
29	Sat. 28	1 ·11	10 ·52	—30
30	Sun. 29	2 ·18	11 ·61	1
31	Mon. 30	3 ·25	12 ·70	2
—32	Tues. 31	4 ·30	13 ·76	3
Śārvari. **Siṁha—Āvaṇi.**	**Aug.**			
1	Wed. 1	*Sukla.* 5 ·33	14 ·81	4
2	Thur. 2	6 ·33	15 ·84	5
3	Fri. 3	7 ·32	16 ·85	6
4	Sat. 4	8 ·28	17 ·83	7
5	Sun. 5	9 ·23	18 ·80	8
6	Mon. 6	10 ·16	19 ·75	9
7	Tues. 7	11 ·08	20 ·70	10
		12 ·99		
8	Wed. 8	13 ·89	21 ·64	11
9	Thur. 9	14 ·79	22 ·57	12
10	Fri. 10	P ·69	23 ·50	13
11	Sat. 11	1 ·59	24 ·43	14
12	Sun. 12	2 ·49	25 ·37	15
13	Mon. 13	3 ·41	26 ·32	16
14	Tues. 14	4 ·34	27 ·28	17
15	Wed. 15	5 ·28	1 ·25	18
16	Thur. 16	6 ·25	2 ·24	19
17	Fri. 17	7 ·23	3 ·26	20
18	Sat. 18	8 ·24	4 ·29	21
19	Sun. 19	9 ·26	5 ·34	22
20	Mon. 20	10 ·30	6 ·41	23
21	Tues. 21	11 ·36	7 ·49	24
22	Wed. 22	12 ·44	8 ·60	25
23	Thur. 23	13 ·53	9 ·71	26
24	Fri. 24	14 ·62	10 ·81	27
25	Sat. 25	—A ·70	11 ·91	28
26	Sun. 26	1 ·76	... ...	—29
27	Mon. 27	2 ·81	12 ·00	1
28	Tues. 28	3 ·83	13 ·07	2
29	Wed. 29	4 ·84	14 ·13	3
30	Thur. 30	5 ·83	15 ·16	4
—31	Fri. 31	6 ·80	16 ·17	5

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari. **Kanyā—Purattāsi.**	**Sep.**			
1	Sat. 1	7 ·76	17 ·16	6
2	Sun. 2	8 ·69	18 ·13	7
3	Mon. 3	9 ·61	19 ·10	8
4	Tues. 4	10 ·51	20 ·04	9
			21 ·98	
5	Wed. 5	11 ·41	22 ·91	10
6	Thur. 6	12 ·31	23 ·84	11
7	Fri. 7	13 ·21	24 ·78	12
8	Sat. 8	14 ·11	25 ·71	13
9	Sun. 9	P ·02	26 ·66	14
10	Mon. 10	1 ·94		15
11	Tues. 11	2 ·87	27 ·61	16
12	Wed. 12	3 ·81	1 ·58	17
13	Thur. 13	4 ·78	2 ·57	18
14	Fri. 14	5 ·76	3 ·58	19
15	Sat. 15	6 ·78	4 ·60	20
16	Sun. 16	7 ·80	5 ·65	21
17	Mon. 17	8 ·85	6 ·71	22
18	Tues. 18	9 ·91	7 ·79	23
19	Wed. 19	10 ·99	8 ·90	24
20	Thur. 20	... ...	... ...	25
21	Fri. 21	11 ·07	9 ·01	26
22	Sat. 22	12 ·15	10 ·11	27
23	Sun. 23	13 ·23	11 ·21	28
24	Mon. 24	14 ·30	12 ·30	29
25	Tues. 25	—A ·35	13 ·38	30
26	Wed. 26	1 ·38	14 ·44	—30
27	Thur. 27	2 ·40	15 ·48	1
28	Fri. 28	3 ·38	16 ·49	2
29	Sat. 29	4 ·35	17 ·48	3
—30	Sun. 30	5 ·30	18 ·47	4
		6 ·23	19 ·43	5
Śārvari. **Tulā—Aippasi.**	**Oct.**			
1	Mon. 1	7 ·17	20 ·38	6
2	Tues. 2	8 ·07	21 ·32	7
		9 ·98		
3	Wed. 3	10 ·88	22 ·25	8
4	Thur. 4	11 ·78	23 ·19	9
5	Fri. 5	12 ·68	24 ·12	10
			25 ·05	
6	Sat. 6	13 ·59	26 ·99	11
7	Sun. 7	14 ·51	27 ·94	12
8	Mon. ○ 8	P ·44	1 ·92	13
9	Tues. 9	1 ·39	2 ·90	14
10	Wed. 10	2 ·35	3 ·90	15
11	Thur. 11	3 ·34	4 ·92	16
12	Fri. 12	4 ·36	5 ·96	17
13	Sat. 13	5 ·38	... ...	18
14	Sun. 14	6 ·43	6 ·02	19
15	Mon. 15	7 ·49	7 ·10	20
16	Tues. 16	8 ·57	8 ·20	21
17	Wed. 17	9 ·65	9 ·30	22
18	Thur. 18	10 ·74	10 ·41	23
19	Fri. 19	11 ·82	11 ·52	24
20	Sat. 20	12 ·89	12 ·62	25
21	Sun. 21	13 ·94	13 ·70	26
22	Mon. 22	14 ·97	14 ·75	27
23	Tues. 23	—A ·99	15 ·79	28
24	Wed. 24	1 ·98	16 ·81	—29
25	Thur. 25	2 ·94	17 ·82	1
26	Fri. 26	3 ·90	18 ·80	2
27	Sat. 27	4 ·83	19 ·76	3
28	Sun. 28	5 ·76	20 ·71	4
29	Mon. 29	6 ·67	21 ·66	5
—30	Tues. 30	7 ·57	22 ·60	6
1	Wed. 31	8 ·47	23 ·53	7

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari. **Vṛiśchika—Kārttigai**	**Nov.**			
2	Thur. 1	*Sukla.* 9 ·38	24 ·46	8
3	Fri. 2	10 ·28	25 ·39	9
4	Sat. 3	11 ·19	26 ·33	10
5	Sun. 4	12 ·11	27 ·28	11
6	Mon. 5	13 ·05	1 ·25	12
		14 ·99		
7	Tues. 6	P ·96	2 ·22	13
8	Wed. 7	1 ·95	3 ·22	14
9	Thur. 8	2 ·97	4 ·23	15
10	Fri. 9	3 ·99	5 ·27	16
11	Sat. 10	... ...	6 ·33	17
12	Sun. 11	4 ·04	7 ·41	18
13	Mon. 12	5 ·10	8 ·50	19
14	Tues. 13	6 ·19	9 ·60	20
15	Wed. 14	7 ·28	10 ·71	21
16	Thur. 15	8 ·37	11 ·82	22
17	Fri. 16	9 ·45	12 ·92	23
18	Sat. 17	10 ·52	... ...	24
19	Sun. 18	11 ·58	13 ·00	25
20	Mon. 19	12 ·31	14 ·07	26
21	Tues. 20	13 ·61	15 ·11	27
22	Wed. 21	14 ·60	16 ·14	28
23	Thur. 22	—A ·57	17 ·14	29
24	Fri. 23	1 ·51	18 ·13	—30
25	Sat. 24	2 ·45	19 ·10	1
26	Sun. 25	3 ·38	20 ·05	2
27	Mon. 26	4 ·30	21 ·00	3
			22 ·94	
28	Tues. 27	5 ·20	23 ·87	4
29	Wed. 28	6 ·10	24 ·80	5
—30	Thur. 29	7 ·00	25 ·73	6
		8 ·90		
1	Fri. 30	9 ·81	26 ·67	7
Śārvari. **Dhanus—Mārgali.**	**Dec.**			
2	Sat. 1	*Bahula.* 10 ·73	27 ·62	8
3	Sun. 2	11 ·67	1 ·58	9
4	Mon. 3	12 ·62	2 ·55	10
5	Tues. 4	13 ·59	3 ·54	11
6	Wed. 5	14 ·59	4 ·55	12
7	Thur. 6	P ·60	5 ·59	13
8	Fri. 7	1 ·63	6 ·64	14
9	Sat. 8	2 ·69	7 ·71	15
10	Sun. 9	3 ·76	8 ·80	16
11	Mon. 10	4 ·84	9 ·90	17
12	Tues. 11	5 ·93	... ...	18
13	Wed. 12	... ..	10 ·02	19
14	Thur. 13	6 ·02	11 ·12	20
15	Fri. 14	7 ·09	12 ·22	21
16	Sat. 15	8 ·16	13 ·31	22
17	Sun. 16	9 ·22	14 ·37	23
18	Mon. 17	10 ·25	15 ·43	24
19	Tues. 18	11 ·25	16 ·46	25
20	Wed. 19	12 ·25	17 ·47	26
21	Thur. 20	13 ·21	18 ·46	27
22	Fri. 21	14 ·15	19 ·43	28
23	Sat. 22	—A ·10	20 ·38	—29
24	Sun. 23	1 ·02	21 ·33	1
		2 ·93		
25	Mon. 24	3 ·83	22 ·27	2
26	Tues. 25	4 ·74	23 ·20	3
27	Wed. 26	5 ·64	24 ·13	4
28	Thur. 27	6 ·54	25 ·06	5
—29	Fri. 28	7 ·46	26 ·00	6
			27 ·95	
1	Sat. 29	8 ·38	1 ·91	7
2	Sun. 30	9 ·32	2 ·88	8
3	Mon. 31	10 ·27	3 ·86	9

H. 1070 *Zi-l-ka'da.* *H.* 1071 *Muharram.* *H.* 1071 *Safar.* *H.* 1071 *Rabi-ul awwal.* *H.* 1071 *Rabi-ul akhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1661. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·78.** **Śaka 1583.** **Kaliyuga 4762.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·69.** **(S. Cycle) Plava.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari.	**Jan.**				
Makara—Tai. 4	Tues.	1	11 ·25	4 S8	10
5	Wed.	2	12 ·23	5 ·90	11
6	Thur.	3	13 ·25	6 ·95	12
7	Fri.	4	14 ·28	... ...	13
8	Sat.	5	P ·33	7 ·02	14
9	Sun.	6	1 ·40	8 ·10	15
10	Mon.	7	2 ·49	9 ·20	16
11	Tues.	8	3 ·59	10 ·31	17
12	Wed.	9	4 ·68	11 ·42	18
13	Thur.	10	5 ·76	12 ·52	19
14	Fri.	11	6 ·82	13 ·61	20
15	Sat.	12	7 ·86	14 ·69	21
16	Sun.	13	8 ·89	15 ·75	22
17	Mon.	14	9 ·90	16 ·78	23
18	Tues.	15	10 ·89	17 ·79	24
19	Wed.	16	11 ·85	18 ·78	25
20	Thur.	17	12 ·80	19 ·76	26
21	Fri.	18	13 ·73	20 ·73	27
22	Sat.	19	14 ·65	21 ·67	28
23	Sun.	20	—A ·56	22 ·61	29
24	Mon.	21	1 ·47	23 ·54	—30
25	Tues.	22	2 ·37	24 ·47	1
26	Wed.	23	3 ·27	25 ·41	2
27	Thur.	24	4 ·18	26 ·35	3
28	Fri.	25	5 ·09	27 ·29	4
29	Sat.	26	6 ·02	1 ·24	5
			7 ·96		
—30	Sun.	27	8 ·90	2 ·20	6
1	Mon.	28	9 ·88	3 ·20	7
2	Tues.	29	10 ·87	4 ·20	8
3	Wed.	30	11 ·89	5 ·22	9
4	Thur.	31	12 ·92	6 ·26	10
	Feb.				
5	Fri.	1	13 ·97	7 ·32	11
6	Sat.	2	... .	8 ·42	12
7	Sun.	3	14 ·04	9 ·51	13
8	Mon.	4	P ·13	10 ·61	14
9	Tues.	5	1 ·22	11 ·72	15
10	Wed.	6	2 ·30	12 ·82	16
11	Thur.	7	3 ·38	13 ·91	17
12	Fri.	8	4 ·45	... ...	18
13	Sat.	9	5 ·50	14 ·00	19
14	Sun.	10	6 ·52	15 ·06	20
15	Mon.	11	7 ·53	16 ·10	21
16	Tues.	12	8 ·51	17 ·11	22
17	Wed.	13	9 ·47	18 ·11	23
18	Thur.	14	10 ·42	19 ·10	24
19	Fri.	15	11 ·35	20 ·06	25
20	Sat.	16	12 ·27	21 ·01	26
				22 ·95	
21	Sun.	17	13 ·18	23 ·88	27
22	Mon	18	14 ·09	24 ·82	28
			A ·99		
23	Tues.	19	1 ·89	25 ·75	—29
24	Wed.	20	2 ·79	26 ·68	1
25	Thur.	21	3 ·70	27 ·62	2
26	Fri.	22	4 ·63	1 ·57	3
27	Sat.	23	5 ·56	2 ·54	4
28	Sun.	24	6 ·52	3 ·52	5
—29	Mon.	25	7 ·49	4 ·52	6
1	Tues.	26	8 ·45	5 ·53	7
2	Wed.	27	9 ·50	6 ·57	8
3	Thur.	28	10 ·53	7 ·68	9

Bahula. *Sukla.* *Bahula.* *Sukla.*

H. 1071 *Jamād'l awwal.* *Jamād'l ākhir.* *Rajab.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari.	**March.**				
Mīna—Pāṅguni. 4	Fri.	1	11 ·59	8 ·72	10
5	Sat.	2	12 ·66	9 ·81	11
6	Sun.	3	13 ·74	10 ·91	12
7	Mon.	4	14 ·83	... ...	13
8	Tues.	5	P ·92	11 ·02	14
9	Wed.	6	... ...	12 ·13	15
10	Thur.	7	1 ·00	13 ·23	16
11	Fri.	8	2 ·06	14 ·31	17
12	Sat.	9	3 ·10	15 ·37	18
13	Sun.	10	4 ·12	16 ·41	19
14	Mon.	11	5 ·13	17 ·43	20
15	Tues.	12	6 ·11	18 ·44	21
16	Wed.	13	7 ·07	19 ·43	22
17	Thur.	14	8 ·01	20 ·39	23
			9 ·94		
18	Fri.	15	10 ·86	21 ·34	24
19	Sat.	16	11 ·77	22 ·29	25
20	Sun.	17	12 ·66	23 ·23	26
21	Mon.	18	13 ·56	24 ·16	27
22	Tues.	19	14 ·47	25 ·09	28
23	Wed. ●	20	—A ·37	26 ·02	29
				27 ·96	
24	Thur.	21	1 ·28	1 ·91	—30
25	Fri.	22	2 ·21	2 ·87	1
26	Sat.	23	3 ·14	3 ·85	2
27	Sun.	24	4 ·10	4 ·84	3
28	Mon.	25	5 ·07	5 ·85	4
29	Tues.	26	6 ·06	6 ·89	5
30	Wed.	27	7 ·08	7 ·95	6
—31	Thur.	28	8 ·12	... ...	7
1	Fri.	29	9 ·17	8 ·02	8
2	Sat.	30	10 ·24	9 ·11	9
3	Sun.	31	11 ·32	10 ·21	10
	April.				
4	Mon.	1	12 ·39	11 ·31	11
5	Tues.	2	13 ·48	12 ·43	12
6	Wed.	3	14 ·56	13 ·53	13
7	Thur. ○	4	P ·62	14 ·61	14
8	Fri.	5	1 ·68	15 ·68	15
9	Sat.	6	2 ·67	16 ·73	16
10	Sun.	7	3 ·68	17 ·76	17
11	Mon.	8	4 ·66	18 ·77	18
12	Tues.	9	5 ·63	19 ·75	19
13	Wed.	10	6 ·57	20 ·72	20
14	Thur.	11	7 ·50	21 ·68	21
15	Fri.	12	8 ·41	22 ·63	22
16	Sat.	13	9 ·31	23 ·57	23
17	Sun.	14	10 ·21	24 ·50	24
18	Mon.	15	11 ·11	25 ·43	25
19	Tues.	16	12 ·01	26 ·36	26
			13 ·91		
20	Wed.	17	14 ·83	27 ·29	27
21	Thur.	18	—A ·75	1 ·24	28
22	Fri.	19	1 ·69	2 ·20	29
23	Sat.	20	2 ·63	3 ·17	1
24	Sun.	21	3 ·60	4 ·16	2
25	Mon.	22	4 ·59	5 ·17	3
26	Tues.	23	5 ·60	6 ·20	4
27	Wed.	24	6 ·64	7 ·25	5
28	Thur.	25	7 ·69	8 ·32	6
29	Fri.	26	8 ·76	9 ·41	7
30	Sat.	27	9 ·83	10 ·51	8
—31	Sun.	28	10 ·91	11 ·62	9
1	Mon.	29	... ...	12 ·73	10
2	Tues.	30	11 ·00	13 ·83	11

Bahula. *Sukla.* *Bahula.* *Sukla.*

H. 1071 *Rajab.* *Ramazān.* *Shaw'āl.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Plava.	**May.**				
Vrishabha—Vaigāsi. 3	Wed.	1	12 ·08	14 ·93	12
4	Thur.	2	13 ·14	15 ·99	13
5	Fri.	3	14 ·18	... ...	14
6	Sat.	4	P ·20	16 ·05	15
7	Sun.	5	1 ·20	17 ·08	16
8	Mon.	6	2 ·19	18 ·09	17
9	Tues.	7	3 ·14	19 ·08	18
10	Wed.	8	4 ·08	20 ·05	19
11	Thur.	9	5 ·01	21 ·02	20
			6 ·93	22 ·97	
12	Fri.	10	7 ·84	23 ·91	21
13	Sat.	11	8 ·74	24 ·84	22
14	Sun.	12	9 ·63	25 ·77	23
15	Mon.	13	10 ·52	26 ·70	24
16	Tues.	14	11 ·42	27 ·64	25
17	Wed.	15	12 ·33	1 ·58	26
18	Thur.	16	13 ·25	2 ·54	27
19	Fri.	17	14 ·19	3 ·50	28
20	Sat.	18	—A ·14	4 ·49	29
21	Sun.	19	1 ·11	5 ·50	—30
22	Mon.	20	2 ·09	6 ·52	1
23	Tues.	21	3 ·10	7 ·56	2
24	Wed.	22	4 ·13	8 ·63	3
25	Thur.	23	5 ·18	9 ·71	4
26	Fri.	24	6 ·25	10 ·81	5
27	Sat.	25	7 ·33	11 ·92	6
28	Sun.	26	8 ·41	... ..	7
29	Mon.	27	9 ·49	12 ·03	8
30	Tues.	28	10 ·57	13 ·13	9
—31	Wed.	29	11 ·63	14 ·22	10
1	Thur.	30	12 ·67	15 ·29	11
2	Fri.	31	13 ·69	16 ·36	12
	June.				
3	Sat.	1	14 ·69	17 ·40	13
4	Sun.	2	P ·67	18 ·41	14
5	Mon.	3	1 ·63	19 ·41	15
6	Tues.	4	2 ·58	20 ·38	16
7	Wed.	5	3 ·51	21 ·36	17
8	Thur.	6	4 ·42	22 ·30	18
9	Fri.	7	5 ·32	23 ·24	19
10	Sat.	8	6 ·22	24 ·18	20
11	Sun.	9	7 ·12	25 ·10	21
12	Mon.	10	8 ·02	26 ·04	22
			9 ·92	27 ·98	
13	Tues.	11	10 ·83	1 ·92	23
14	Wed.	12	11 ·74	2 ·87	24
15	Thur.	13	12 ·68	3 ·83	25
16	Fri.	14	13 ·62	4 ·82	26
17	Sat.	15	14 ·59	5 ·82	27
18	Sun.	16	—A ·57	6 ·84	28
19	Mon.	17	1 ·59	7 ·87	—29
20	Tues.	18	2 ·61	8 ·93	1
21	Wed.	19	3 ·66	... ...	2
22	Thur.	20	4 ·73	9 ·02	3
23	Fri.	21	5 ·80	10 ·11	4
24	Sat.	22	6 ·88	11 ·22	5
25	Sun.	23	7 ·97	12 ·32	6
26	Mon.	24	... ...	13 ·43	7
27	Tues.	25	8 ·05	14 ·52	8
28	Wed.	26	9 ·11	15 ·61	9
29	Thur.	27	10 ·15	16 ·67	10
30	Fri.	28	11 ·17	17 ·71	11
31	Sat.	29	12 ·16	18 ·73	12
—32	Sun.	30	13 ·15	19 ·73	13

Bahula. *Sukla.* *Bahula.* *Sukla.*

H. 1071 *Shawwāl.* *Zī-ka'da.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1661. **Kollam 837,** { **N. Malabar—Aug.** / **S. Malabar—July.** **Hijra 1072.** Commences **Aug. 17.** **Vikrama 1718.** **Bengal San. 1067.** **(N. Cycle) Sādhāraṇa.**

A—Amāvāsyā.
P—Paurnimā.

Plava.

Karkataka—Ādi.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
1	Mon. 1	14 ·11	20 ·72	14
2	Tues. 2	P ·05	21 ·69	15
		1 ·98		
3	Wed. 3	2 ·90	22 ·64	16
4	Thur. 4	3 ·80	23 ·58	17
5	Fri. 5	4 ·69	24 ·51	18
6	Sat. 6	5 ·59	25 ·45	19
7	Sun. 7	6 ·49	26 ·38	20
8	Mon. 8	7 ·39	27 ·31	21
9	Tues. 9	8 ·30	1 ·25	22
10	Wed. 10	9 ·23	2 ·20	23
11	Thur. 11	10 ·16	3 ·17	24
12	Fri. 12	11 ·10	4 ·15	25
13	Sat. 13	12 ·07	5 ·14	26
14	Sun. 14	13 ·05	6 ·15	27
15	Mon. 15	14 ·06	7 ·19	28
16	Tues. 16	A ·09	8 ·24	29
17	Wed. 17	1 ·13	9 ·32	30
18	Thur. 18	2 ·20	10 ·41	1
19	Fri. 19	3 ·27	11 ·52	2
20	Sat. 20	4 ·35	12 ·62	3
21	Sun. 21	5 ·44	13 ·73	4
22	Mon. 22	6 ·51	14 ·83	5
23	Tues. 23	7 ·57	15 ·92	6
24	Wed. 24	8 ·62	16 ·98	7
25	Thur. 25	9 ·65	... ...	8
26	Fri. 26	10 ·65	17 ·03	9
27	Sat. 27	11 ·63	18 ·05	10
28	Sun. 28	12 ·59	19 ·07	11
29	Mon. 29	13 ·54	20 ·05	12
30	Tues. 30	14 ·47	21 ·02 / 22 ·97	13
31	Wed. 31	P ·39	23 ·92	14
	Aug.			
1	Thur. 1	1 ·29	24 ·86	15
2	Fri. 2	2 ·19	25 ·79	16
3	Sat. 3	3 ·10	26 ·72	17
4	Sun. 4	4 ·00 / 5 ·89	27 ·65	18
5	Mon. 5	6 ·80	1 ·59	19
6	Tues. 6	7 ·72	2 ·54	20
7	Wed. 7	8 ·66	3 ·50	21
8	Thur. 8	9 ·60	4 ·47	22
9	Fri. 9	10 ·56	5 ·46	23
10	Sat. 10	11 ·55	6 ·47	24
11	Sun. 11	12 ·56	7 ·50	25
12	Mon. 12	13 ·58	8 ·56	26
13	Tues. 13	14 ·63	9 ·63	27
14	Wed. 14	A ·69	10 ·71	28
15	Thur. 15	1 ·77	11 ·81	29
16	Fri. 16	2 ·85	12 ·92	30
17	Sat. 17	3 ·95	... ...	1
18	Sun. 18	... ..	13 ·03	2
19	Mon. 19	4 ·02	14 ·13	3
20	Tues. 20	5 ·08	15 ·22	4
21	Wed. 21	6 ·12	16 ·29	5
22	Thur. 22	7 ·14	17 ·34	6
23	Fri. 23	8 ·16	18 ·38	7
24	Sat. 24	9 ·14	19 ·39	8
25	Sun. 25	10 ·11	20 ·38	9
26	Mon. 26	11 ·06	21 ·35	10
27	Tues. 27	12 ·00 / 13 ·91	22 ·31	11
28	Wed. 28	14 ·81	23 ·26	12
29	Thur. 29	P ·71	24 ·20	13
30	Fri. 30	1 ·61	25 ·13	14
31	Sat. 31	2 ·51	26 ·06 / 27 ·99	15

Śukla. **Āshādha.** *Bahula.* *Śrāvaṇa.* *Śukla.* **Bhādrapada.** *Śukla.* *H.* 1071 *Zi-l-ka'da.* *H.* 1072 *Muharram.*

Plava.

Kanyā—Puraṭṭāśi.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
1	Sun. 1	3 ·41	1 ·92	16
2	Mon. 2	4 ·32	2 ·87	17
3	Tues. 3	5 ·24	3 ·83	18
4	Wed. 4	6 ·18	4 ·80	19
5	Thur. 5	7 ·12	5 ·78	20
6	Fri. 6	8 ·09	6 ·79	21
7	Sat. 7	9 ·08	7 ·82	22
8	Sun. 8	10 ·09	8 ·87	23
9	Mon. 9	11 ·11	9 ·93	24
10	Tues. 10	12 ·16	... ...	25
11	Wed. 11	13 ·22	10 ·02	26
12	Thur. 12	14 ·30	11 ·12	27
13	Fri. 13	A ·38	12 ·23	28
14	Sat. 14	1 ·47	13 ·33	29
15	Sun. 15	2 ·55	14 ·43	30
16	Mon. 16	3 ·62	15 ·52	1
17	Tues. 17	4 ·66	16 ·60	2
18	Wed. 18	5 ·69	17 ·66	3
19	Thur. 19	6 ·70	18 ·70	4
20	Fri. 20	7 ·68	19 ·71	5
21	Sat. 21	8 ·65	20 ·70	6
22	Sun. 22	9 ·60	21 ·68	7
23	Mon. 23	10 ·54	22 ·65	8
24	Tues. 24	11 ·45	23 ·60	9
25	Wed. 25	12 ·36	24 ·54	10
26	Thur. 26	13 ·26	25 ·47	11
27	Fri. 27	14 ·17	26 ·40	12
28	Sat ○ 28	P ·07 / 1 ·97	27 ·33	13
29	Sun. 29	2 ·88	1 ·27	14
30	Mon. 30	3 ·80	2 ·21	15
	Oct.			
31	Tues. 1	4 ·74	3 ·16	16
1	Wed. 2	5 ·68	4 ·13	17
2	Thur. 3	6 ·66	5 ·11	18
3	Fri. 4	7 ·64	6 ·12	19
4	Sat. 5	8 ·66	7 ·14	20
5	Sun. 6	9 ·68	8 ·18	21
6	Mon. 7	10 ·73	9 ·24	22
7	Tues. 8	11 ·79	10 ·32	23
8	Wed. 9	12 ·87	11 ·42	24
9	Thur. 10	13 ·96	12 ·52	25
10	Fri. 11	... ...	13 ·63	26
11	Sat. 12	14 ·05	14 ·73	27
12	Sun. 13	A ·13	15 ·83	28
13	Mon. 14	1 ·20	16 ·92	29
14	Tues. 15	2 ·24	17 ·98	1
15	Wed. 16	3 ·27	... ...	2
16	Thur. 17	4 ·28	18 ·01	3
17	Fri. 18	5 ·27	19 ·03	4
18	Sat. 19	6 ·23	20 ·03	5
19	Sun. 20	7 ·18	21 ·01 / 22 ·93	6
20	Mon. 21	8 ·12	23 ·93	7
21	Tues. 22	9 ·04 / 10 ·95	24 ·87	8
22	Wed. 23	11 ·85	25 ·81	9
23	Thur. 24	12 ·76	26 ·74	10
24	Fri. 25	13 ·66	27 ·68	11
25	Sat. 26	14 ·57	1 ·61	12
26	Sun. 27	P ·48	2 ·55	13
27	Mon. 28	1 ·39	3 ·50	14
28	Tues. 29	2 ·33	4 ·46	15
29	Wed. 30	3 ·28	5 ·44	16
1	Thur. 31	4 ·26	6 ·44	17

Śukla. **Bhād.** *Bahula.* *H.* 1072 *Muharram.* *Śukla.* **Āśvina.** *Bahula.* *H.* 1072 *Ṣafar.* **Kārttika.** *Śukla.* *H.* 1072 *Rabi-ul awwal.*

Plava.

Siṁha—Āvaṇi.

Plava.

Tulā—Aippaśi.

Plava.

Vṛiśchika—Kārttigai.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
2	Fri. 1	5 ·24	7 ·45	18
3	Sat. 2	6 ·26	8 ·49	19
4	Sun. 3	7 ·28	9 ·54	20
5	Mon. 4	8 ·33	10 ·62	21
6	Tues. 5	9 ·41	11 ·72	22
7	Wed. 6	10 ·49	12 ·82	23
8	Thur. 7	11 ·58	13 ·93	24
9	Fri. 8	12 ·67	... ...	25
10	Sat. 9	13 ·75	14 ·03	26
11	Sun. 10	14 ·81	15 ·13	27
12	Mon. 11	A ·86	16 ·22	28
13	Tues. 12	1 ·89	17 ·29	29
14	Wed. 13	2 ·90	18 ·33	30
15	Thur. 14	3 ·89	19 ·35	1
16	Fri. 15	4 ·85	20 ·35	2
17	Sat. 16	5 ·80	21 ·35	3
18	Sun. 17	6 ·75	22 ·32	4
19	Mon. 18	7 ·67	23 ·27	5
20	Tues. 19	8 ·57	24 ·21	6
21	Wed. 20	9 ·47	25 ·15	7
22	Thur. 21	10 ·38	26 ·08	8
23	Fri. 22	11 ·28	27 ·01 / 1 ·95	9
24	Sat. 23	12 ·19	2 ·88	10
25	Sun. 24	13 ·10	3 ·83	11
26	Mon. 25	14 ·02 / P ·95	4 ·80	12
27	Tues. 26	1 ·90	5 ·77	13
28	Wed. 27	2 ·89	6 ·76	14
29	Thur. 28	3 ·87	7 ·77	15
30	Fri. 29	4 ·89	8 ·80	16
1	Sat. 30	5 ·92	9 ·86	17
	Dec.			
2	Sun. 1	6 ·99	10 ·93	18
3	Mon. 2	... ...	... ...	19
4	Tues. 3	7 ·05	11 ·02	20
5	Wed. 4	8 ·13	12 ·12	21
6	Thur. 5	9 ·22	13 ·23	22
7	Fri. 6	10 ·31	14 ·34	23
8	Sat. 7	11 ·39	15 ·44	24
9	Sun. 8	12 ·45	16 ·53	25
10	Mon. 9	13 ·50	17 ·59	26
11	Tues. 10	14 ·53	18 ·64	27
12	Wed. 11	A ·54	19 ·67	28
13	Thur. 12	1 ·52	20 ·69	29
14	Fri. 13	2 ·49	21 ·68	1
15	Sat. 14	3 ·44	22 ·65	2
16	Sun. 15	4 ·37	23 ·60	3
17	Mon. 16	5 ·29	24 ·55	4
18	Tues. 17	6 ·20	25 ·49	5
19	Wed. 18	7 ·11	26 ·42	6
20	Thur. 19	8 ·01 / 9 ·91	27 ·35	7
21	Fri. 20	10 ·82	1 ·28	8
22	Sat. 21	11 ·74	2 ·22	9
23	Sun. 22	12 ·66	3 ·17	10
24	Mon. 23	13 ·59	4 ·13	11
25	Tues. 24	14 ·55	5 ·10	12
26	Wed. 25	P ·53	6 ·08	13
27	Thur. 26	1 ·52	7 ·09	14
28	Fri. 27	2 ·53	8 ·11	15
29	Sat. 28	3 ·57	9 ·17	16
1	Sun. 29	4 ·63	10 ·24	17
2	Mon. 30	5 ·69	11 ·32	18
3	Tues. 31	6 ·78	12 ·42	19

Śukla. **Mārgali.** *Bahula.* **Puṣha.** *Śukla.* *H.* 1072 *Rabi-ul ākhir.* *H.* 1072 *Jamādā'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1662. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) March 29·04. **Śaka 1584.** **Kaliyuga 4763.**
Lunar Eclipse. ○ (Arya Sid.) March 28·95. **(S. Cycle) Śubhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Wed.	1	7 ·87	13 ·53	20	3	Sat.	1	6 ·36	17 ·53	20	3	Thur.	1	8 ·40	23 ·27	22
5	Thur.	2	8 ·96	14 ·64	21	4	Sun.	2	7 ·40	18 ·59	21	4	Fri.	2	9 ·31	24 ·23	23
6	Fri.	3	... ...	15 ·74	22	5	Mon.	3	8 ·42	19 ·63	22	5	Sat.	3	10 ·23	25 ·18	24
7	Sat.	4	9 ·04	16 ·83	23	6	Tues.	4	9 ·42	20 ·65	23	6	Sun.	4	11 ·14	26 ·12	25
8	Sun.	5	10 ·19	17 ·90	24	7	Wed.	5	10 ·41	21 ·65	24	7	Mon.	5	12 ·05	27 06	26
9	Mon.	6	11 ·15	18 ·96	25	8	Thur.	6	11 ·37	22 ·65	25				13 ·94	1 ·99	
10	Tues.	7	12 ·17	... ...	26	9	Fri.	7	12 ·30	23 ·61	26	8	Tues.	6	14 ·83	2 ·91	27
11	Wed.	8	13 ·19	19 ·00	27	10	Sat.	8	13 ·23	24 ·56	27	9	Wed.	7	A ·74	3 ·85	28
12	Thur.	9	14 ·17	20 ·01	28	11	Sun.	9	14 ·15	25 ·50	28	10	Thur.	8	1 ·64	4 80	29
13	Fri.	10	A ·14	21 ·00	29	12	Mon ●	10	A ·06	26 ·44	29	11	Fri.	9	2 ·57	5 ·75	30
				22 ·98					1 ·96			12	Sat.	10	3 ·51	6 ·72	1
14	Sat.	11	1 ·09	23 ·94	30	13	Tues.	11	2 ·86	27 ·37	30	13	Sun.	11	4 ·46	7 ·71	2
15	Sun.	12	2 ·01	24 ·89	1	14	Wed.	12	3 ·76	1 ·31	1	14	Mon.	12	5 ·43	8 ·71	3
			3 ·93			15	Thur.	13	4 ·67	2 ·24	2	15	Tues.	13	6 ·41	9 ·74	4
16	Mon.	13	4 ·84	25 ·83	2	16	Fri.	14	5 ·58	3 ·18	3	16	Wed.	14	7 ·43	10 ·78	5
17	Tues.	14	5 ·75	26 ·76	3	17	Sat.	15	6 ·50	4 ·12	4	17	Thur.	15	8 ·46	11 ·85	6
18	Wed.	15	6 ·65	27 ·69	4	18	Sun.	16	7 ·44	5 ·08	5	18	Fri.	16	9 ·52	12 ·93	7
19	Thur.	16	7 ·55	1 ·62	5	19	Mon.	17	8 ·40	6 ·07	6	19	Sat.	17	10 ·59	... ...	8
20	Fri.	17	8 ·46	2 ·57	6	20	Tues.	18	9 ·38	7 ·08	7	20	Sun.	18	11 ·67	13 ·03	9
21	Sat.	18	9 ·37	3 ·51	7	21	Wed.	19	10 ·36	8 ·07	8	21	Mon.	19	12 ·75	14 ·13	10
22	Sun.	19	10 ·30	4 ·46	8	22	Thur.	20	11 ·39	9 ·10	9	22	Tues.	20	13 ·83	15 ·25	11
23	Mon.	20	11 ·24	5 ·42	9	23	Fri.	21	12 ·42	10 ·16	10	23	Wed.	21	14 ·90	16 ·35	12
24	Tues.	21	12 ·20	6 ·41	10	24	Sat.	22	13 ·47	11 ·24	11	24	Thur.	22	P ·95	17 ·44	13
25	Wed.	22	13 ·17	7 ·41	11	25	Sun.	23	14 ·55	12 ·33	12	25	Fri.	23	1 ·99	18 52	14
26	Thur.	23	14 ·16	8 ·44	12	26	Mon.	24	P ·63	13 ·43	13	26	Sat.	24	... ...	19 ·58	15
27	Fri.	24	P ·17	9 ·48	13	27	Tues.	25	1 ·72	14 ·53	14	27	Sun.	25	2 ·01	20 ·62	16
28	Sat.	25	1 ·22	10 ·54	14	28	Wed.	26	2 ·80	15 ·64	15	28	Mon.	26	3 ·02	21 ·63	17
29	Sun.	26	2 ·28	11 ·62	15	29	Thur.	27	3 ·88	16 ·75	16				4 ·99		
30	Mon.	27	3 ·34	12 ·72	16	30	Fri.	28	4 ·93	17 ·83	17	29	Tues.	27	5 ·96	22 ·63	18
1	Tues.	28	4 ·43	13 ·83	17	1	Sat.	29	5 ·97	18 ·90	18	30	Wed	28	6 ·90	23 ·60	19
2	Wed.	29	5 ·52	14 ·94	18	2	Sun.	30	... ...	19 ·95	19	31	Thur.	29	7 ·82	24 ·56	20
3	Thur.	30	6 ·61	... ...	19	3	Mon.	31	6 ·00	20 ·97	20	1	Fri.	30	8 ·73	25 ·52	21
4	Fri.	31	7 ·68	15 ·04	20				7 ·98			2	Sat.	31	9 ·64	26 ·46	22
	Feb.						**April.**						**June.**				
5	Sat.	1	8 ·75	16 ·13	21	4	Tues.	1	8 ·97	21 ·98	21	3	Sun.	1	10 ·55	27 ·39	23
6	Sun.	2	9 ·79	17 ·21	22	5	Wed.	2	9 ·93	22 ·97	22	4	Mon.	2	11 ·44	1 ·32	24
7	Mon.	3	10 ·82	18 ·28	23	6	Thur.	3	10 ·87	23 ·94	23	5	Tues.	3	12 ·34	2 ·25	25
8	Tues.	4	11 ·82	19 ·32	24	7	Fri.	4	11 ·79	24 ·90	24	6	Wed.	4	13 ·23	3 ·20	26
9	Wed.	5	12 ·80	20 ·33	25	8	Sat.	5	12 ·71	25 ·84	25	7	Thur.	5	14 ·13	4 ·14	27
10	Thur.	6	13 ·77	21 ·33	26	9	Sun.	6	13 ·62	26 ·78	26	8	Fri.	6	A ·06	5 ·09	28
11	Fri.	7	14 ·71	22 ·31	27	10	Mon.	7	14 ·52	27 ·72	27				1 ·99		
12	Sat.	8	A ·64	23 ·28	28	11	Tues.	8	A ·42	1 ·65	28	9	Sat.	7	2 ·95	6 ·05	29
13	Sun.	9	1 ·56	24 ·23	29	12	Wed.	9	1 ·32	2 ·58	29	10	Sun.	8	3 ·91	7 ·03	1
14	Mon.	10	2 ·17	25 ·17	1	13	Thur.	10	2 ·23	3 ·51	1	11	Mon.	9	4 ·90	8 ·03	2
15	Tues.	11	3 ·37	26 ·10	2	14	Fri.	11	3 ·13	4 ·46	2	12	Tues.	10	5 ·91	9 ·06	3
16	Wed.	12	4 ·26	27 ·03	3	15	Sat.	12	4 ·05	5 ·42	3	13	Wed.	11	6 ·95	10 ·09	4
				1 ·96					5 ·98			14	Thur.	12	7 ·99	11 ·15	5
17	Thur.	13	5 ·17	2 ·90	4	16	Sun.	13	6 ·94	6 ·39	4	15	Fri.	13	... ...	12 ·23	6
18	Fri.	14	6 ·08	3 ·84	5	17	Mon.	14	7 ·92	7 ·38	5	16	Sat.	14	8 ·06	13 ·33	7
			7 ·99			18	Tues.	15	8 ·90	8 ·39	6	17	Sun.	15	9 ·14	14 ·34	8
19	Sat.	15	8 ·91	4 ·79	6	19	Wed.	16	9 ·92	9 ·42	7	18	Mon.	16	10 ·22	15 ·35	9
20	Sun.	16	9 ·88	5 ·75	7	20	Thur.	17	10 ·96	10 ·48	8	19	Tues.	17	11 ·30	16 ·63	10
21	Mon.	17	10 ·81	6 ·73	8	21	Fri.	18	... ...	11 ·54	9	20	Wed.	18	12 ·38	17 ·74	11
22	Tues.	18	11 ·78	7 ·74	9	22	Sat.	19	11 ·02	12 ·63	10	21	Thur.	19	13 ·43	18 ·82	12
23	Wed.	19	12 ·78	8 ·75	10	23	Sun.	20	12 ·09	13 ·73	11	22	Fri.	20	14 ·47	19 ·89	13
24	Thur.	20	13 ·79	9 ·79	11	24	Mon.	21	13 ·16	14 ·83	12	23	Sat.	21	P ·49	20 ·93	14
25	Fri.	21	14 ·84	10 ·85	12	25	Tues.	22	14 ·24	15 ·95	13	24	Sun.	22	1 ·50	21 ·95	15
26	Sat.	22	P ·89	11 ·93	13	26	Wed.	23	P ·32	... ...	14	25	Mon.	23	2 ·47	22 ·95	16
27	Sun.	23	1 ·96	... ...	14	27	Thur.	24	1 ·40	16 ·05	15	26	Tues.	24	3 ·44	23 ·93	17
28	Mon.	24	... ...	12 ·03	15	28	Fri.	25	2 ·46	17 ·14	16	27	Wed.	25	4 38	24 ·91	18
29	Tues.	25	2 ·05	13 ·13	16	29	Sat.	26	3 ·51	18 ·21	17	28	Thur.	26	5 ·30	25 ·86	19
30	Wed.	26	3 ·14	14 ·24	17	30	Sun.	27	4 ·52	19 ·26	18	29	Fri.	27	6 ·21	26 ·80	20
1	Thur	27	4 ·23	15 ·34	18	31	Mon.	28	5 ·52	20 ·29	19	30	Sat.	28	7 ·12	27 ·73	21
2	Fri.	28	5 ·30	16 ·44	19	1	Tues.	29	6 ·50	21 ·31	20	31	Sun.	29	8 ·01	1 ·66	22
						2	Wed.	30	7 ·46	22 ·30	21				9 ·91		
												32	Mon.	30	10 ·81	2 ·60	23

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. H. P. Bhad. 28. U. Bhad. 27. Rev.

A.D. 1662. Kollam 838, { N. Malabar—Sep. S. Malabar—Aug. } Hijra 1073. Vikrama 1719.
A—Amāvāsyā. Commences Commences Aug. 6. Bengal San. 1068.
P—Paurnimā. (N. Cycle) Virodhakrit.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Tues.	1	11 ·70	3 ·53	24	1	Mon.	1	14 ·40	10 ·03	27	1	Sat.	1	1 ·97	16 ·15	29
2	Wed.	2	12 ·62	4 ·47	25	2	Tues	● 2	—A ·42	11 ·09	28	2	Sun.	2	... ...	17 ·25	—30
3	Thur.	3	13 ·54	5 ·42	26	3	Wed.	3	1 ·48	12 ·15	29	3	Mon.	3	2 ·04	18 ·85	1
4	Fri.	4	14 ·48	6 ·38	27	4	Thur.	4	2 ·54	13 ·24	—30	4	Tues.	4	3 ·10	19 ·43	2
5	Sat.	5	—A ·42	7 ·36	28	5	Fri.	5	3 ·62	14 ·33	1	5	Wed.	5	4 ·15	20 ·51	3
6	Sun.	6	1 ·39	8 ·36	29	6	Sat.	6	4 ·71	15 ·44	2	6	Thur.	6	5 ·18	21 ·55	4
7	Mon.	7	2 ·33	9 ·37	—30	7	Sun.	7	5 ·79	16 ·55	3	7	Fri.	7	6 ·19	22 ·57	5
8	Tues.	8	3 ·36	10 ·41	1	8	Mon.	8	6 ·87	17 ·66	4	8	Sat.	8	7 ·17	23 ·57	6
9	Wed.	9	4 ·42	11 ·46	2	9	Tues.	9	7 ·93	18 ·75	5	9	Sun.	9	8 ·14	24 ·56	7
10	Thur.	10	5 ·47	12 ·53	3	10	Wed.	10	8 ·98	19 ·82	6	10	Mon.	10	9 ·10	25 ·54	8
11	Fri.	11	6 ·54	13 ·63	4	11	Thur.	11	9 ·99	20 ·87	7	11	Tues.	11	10 ·03	26 ·49	9
12	Sat.	12	7 ·61	14 ·74	5	12	Fri.	12	... ...	21 ·91	8				11 ·94		
13	Sun.	13	8 ·69	15 ·84	6	13	Sat.	13	10 ·00	22 ·93	9	12	Wed.	12	12 ·85	27 ·43	10
14	Mon.	14	9 ·77	13 ·95	7				11 ·99			13	Thur.	13	13 ·76	1 ·36	11
15	Tues.	15	10 ·84	... ...	8	14	Sun.	14	12 ·96	23 ·92	10	14	Fri.	14	14 ·66	2 ·29	12
16	Wed.	16	11 ·90	17 ·05	9	15	Mon.	15	13 ·91	24 ·90	11	15	Sat.	15	P ·56	3 ·23	13
17	Thur.	17	12 ·95	18 ·14	10	16	Tues.	16	14 ·83	25 ·86	12	16	Sun.	16	1 ·46	4 ·16	14
18	Fri.	18	13 ·98	19 ·20	11	17	Wed.	17	P ·75	26 ·81	13	17	Mon.	17	2 ·38	5 ·10	15
19	Sat.	19	14 ·97	20 ·25	12	18	Thur.	18	1 ·66	27 ·76	14	18	Tues.	18	3 ·30	6 ·05	16
20	Sun.	20	P ·96	21 ·27	13	19	Fri	19	2 ·56	1 ·69	15					7 ·01	
21	Mon.	21	1 ·92	22 ·28	14	20	Sat.	20	3 ·47	2 ·62	16	19	Wed.	19	4 ·23	8 ·39	17
22	Tues.	22	2 ·86	23 ·27	15	21	Sun.	21	4 ·36	3 ·55	17	20	Thur.	20	5 ·19	9 ·98	18
23	Wed.	22	3 ·79	24 ·24	16	22	Mon.	22	5 ·26	4 ·48	18	21	Fri.	21	6 ·17	10 ·99	19
24	Thur.	24	4 ·70	25 ·19	17	23	Tues.	23	6 ·17	5 ·43	19	22	Sat.	22	7 ·17	... ...	20
25	Fri.	25	5 ·61	26 ·14	18	24	Wed.	24	7 ·10	6 ·38	20	23	Sun.	23	8 ·17	11 ·02	21
26	Sat.	26	6 ·51	27 ·07	19	25	Thur.	25	8 ·03	7 ·35	21	24	Mon.	24	9 ·21	12 ·07	22
				1 ·00					9 ·98			25	Tues.	25	10 ·26	13 ·14	23
27	Sun.	27	7 ·41	2 ·94	20	26	Fri.	26	10 ·95	8 ·33	22	26	Wed.	26	11 ·34	14 ·24	24
28	Mon.	28	8 ·31	3 ·87	21	27	Sat.	27	11 ·93	9 ·33	23	27	Thur.	27	12 ·42	15 ·34	25
29	Tues.	29	9 ·20	4 ·81	22	28	Sun.	28	12 ·96	10 ·36	24	28	Fri.	28	13 ·51	16 ·45	26
30	Wed.	30	10 ·11	5 ·75	23	29	Mon.	29	13 ·98	11 ·40	25	—29	Sat.	29	14 ·60	17 ·55	27
—31	Thur.	31	11 ·03	6 ·71	24	30	Tues.	30	... ...	12 ·46	26	1	Sun	30	—A ·67	18 ·65	28
			12 ·97														
	Aug.						**Oct.**						**Dec.**				
1	Fri.	1	13 ·91	7 ·69	25	—31	Wed.	1	14 ·04	13 ·54	27	2	Mon.	1	1 ·75	19 ·75	—29
2	Sat.	2	14 ·88	8 ·68	26	1	Thur.	2	—A ·10	14 ·63	28	3	Tues.	2	2 ·80	20 ·82	1
3	Sun.	3	—A ·86	9 ·69	27	2	Fri.	3	1 ·19	15 ·74	—29	4	Wed.	3	3 ·82	21 ·86	2
4	Mon.	4	1 ·87	10 ·72	28	3	Sat.	4	2 ·27	16 ·85	1	5	Thur.	4	4 ·82	22 ·89	3
5	Tues.	5	2 ·90	11 ·77	—29	4	Sun.	5	3 ·35	17 ·96	2	6	Fri.	5	5 ·81	23 ·90	4
6	Wed.	6	3 ·95	12 ·85	1	5	Mon.	6	4 ·43	... ...	3	7	Sat.	6	6 ·78	24 ·90	5
7	Thur.	7	... ...	13 ·94	2	6	Tues.	7	5 ·50	18 ·05	4	8	Sun.	7	7 ·72	25 ·87	6
8	Fri.	8	4 ·02	... ...	3	7	Wed.	8	6 ·55	19 ·13	5	9	Mon.	8	8 ·65	26 ·82	7
9	Sat.	9	5 ·10	14 ·03	4	8	Thur.	9	7 ·57	20 ·18	6	10	Tues.	9	9 ·57	27 ·77	8
10	Sun.	10	6 ·19	15 ·14	5	9	Fri.	10	8 ·58	21 ·23	7	11	Wed.	10	10 ·48	1 ·70	9
11	Mon.	11	7 ·27	16 ·25	6	10	Sat.	11	9 ·56	22 ·25	8	12	Thur.	11	11 ·38	2 ·64	10
12	Tues.	12	8 ·35	17 ·35	7	11	Sun.	12	10 ·54	23 ·25	9	13	Fri.	12	12 ·29	3 ·57	11
13	Wed.	13	9 ·41	18 ·44	8	12	Mon.	13	11 ·49	24 ·25	10	14	Sat.	13	13 ·19	4 ·50	12
14	Thur.	14	10 ·44	19 ·51	9	13	Tues.	14	12 ·41	25 ·19	11	15	Sun.	14	14 ·09	5 ·44	13
15	Fri.	15	11 ·46	20 ·56	10	14	Wed.	15	13 ·33	26 ·15	12				P ·01		
16	Sat.	16	12 ·47	21 ·59	11	15	Thur.	16	14 ·23	27 ·09	13	16	Mon	15	1 ·94	6 ·38	14
17	Sun.	17	13 ·46	22 ·61	12					1 ·03		17	Tues.	16	2 ·88	7 ·34	15
18	Mon.	18	14 ·42	23 ·60	13	16	Fri.	17	P ·14	2 ·96	14	18	Wed.	17	3 ·83	8 ·32	16
19	Tues.	19	P ·38	24 ·57	14							19	Thur.	18	4 ·81	9 ·30	17
20	Wed.	20	1 ·30	25 ·53	15	17	Sat.	18	1 ·04	3 ·89	15	20	Fri.	19	5 ·80	10 ·31	18
21	Thur.	21	2 ·20	26 ·47	16				2 ·94			21	Sat.	20	6 ·82	11 ·33	19
22	Fri.	22	3 ·11	27 ·41	17	18	Sun.	19	3 ·84	4 ·83	16	22	Sun.	21	7 ·87	12 ·38	20
			4 ·01			19	Mon.	20	4 ·76	5 ·77	17	23	Mon.	22	8 ·92	13 ·46	21
23	Sat.	23	5 ·92	1 ·35	18	20	Tues.	21	5 ·69	6 ·71	18	24	Tues.	23	9 ·99	14 ·54	22
24	Sun.	24	6 ·82	2 ·28	19	21	Wed.	22	6 ·62	7 ·68	19	25	Wed.	24	... ...	15 ·64	23
25	Mon.	25	7 ·72	3 ·21	20	22	Thur.	23	7 ·57	8 ·65	20	26	Thur.	25	10 ·07	16 ·75	24
26	Tues.	26	8 ·63	4 ·14	21	23	Fri.	24	8 ·54	9 ·66	21	27	Fri.	26	11 ·17	17 ·80	25
27	Wed.	27	9 ·55	5 ·09	22	24	Sat.	25	9 ·53	10 ·67	22	28	Sat.	27	12 ·25	18 ·96	26
28	Thur.	28	10 ·48	6 ·03	23	25	Sun	26	10 ·55	11 ·71	23	29	Sun.	28	13 ·38	... ...	27
29	Fri.	29	11 ·42	7 ·02	24	26	Mon.	27	11 ·58	12 ·77	24	—30	Mon.	29	14 ·40	19 ·05	28
30	Sat.	30	12 ·40	8 ·00	25	27	Tues.	28	12 ·63	13 ·84	25	1	Tues.	30	—A ·44	20 ·12	29
—31	Sun.	31	13 ·38	9 ·01	26	28	Wed.	29	13 ·70	14 ·98	26	2	Wed.	31	1 ·47	21 ·18	—30
						29	Thur.	30	14 ·78	... ...	27						
						—30	Fri.	31	—A ·88	15 ·04	28						

Śubhakṛit. Karkataka—Ādi. | Śubhakṛit. Kanyā—Puraṭṭāsi. | Śubhakṛit. Tulā—Aippasi. | Śubhakṛit. Vṛiśchika—Kārttigai. | Śubhakṛit. Dhanus—Mārgali.

Śukla. Śrāvana. | Śukla. Āśvina. | Śukla. Kārttika. | Śukla. Mārgaśīrsha. | Śukla. Pausha.

Bahula. Śrāvana. | Bahula. Āśvina. | Bahula. Kārttika. | Bahula. Mārgaśīrsha. | Bahula. Pausha.

Śubhakṛit. Simha—Āvani. | Śubhakṛit. Kanyā—Puraṭṭāsi. | Śubhakṛit. Tulā—Aippasi. | Śubhakṛit. Vṛiśchika—Kārttigai. | Śubhakṛit. Dhanus—Mārgali.

Śukla. Bhādrapada. | Śukla. Kārttika. | Śukla. Mārgaśīrsha. | Śukla. Pausha. | Śukla. Māgha.

Bahula. Bhādrapada. | Bahula. Kārttika. | Bahula. Mārgaśīrsha. | Bahula. Pausha. | Bahula. Māgha.

H. 1073 Zi-l-hijja. | H. 1073 Muharram. | H. 1073 Safar. | H. 1073 Rabi-ul awwal. | H. 1073 Rabi-ul akhir. | H. 1073 Jamādi-l awwal.

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatabh.

A.D. 1663. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·29.** **Śaka 1585.** **Kaliyuga 4764.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·20.** **(S. Cycle) Śobhana.**

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śubhakṛit. **Makara—Tai.**	**Jan.**					
3	Thur.	1		2 ·47	22 ·21	1
4	Fri.	2		3 ·46	23 ·23	2
5	Sat.	3		4 ·42	24 ·22	3
6	Sun.	4		5 ·37	25 ·20	4
7	Mon.	5		6 ·30	26 ·16	5
8	Tues.	6		7 ·21	27 ·10	6
9	Wed.	7	*Śukla.*	8 ·12	1 ·04 / 2 ·98	7
10	Thur	8		9 ·03 / 10 ·93	3 ·91	8
11	Fri.	9		11 ·83	4 ·84	9
12	Sat.	10		12 ·74	5 ·77	10
13	Sun.	11		13 ·66	6 ·72	11
14	Mon.	12		14 ·58	7 ·68	12
15	Tues.	13		P ·52	8 ·64	13
16	Wed.	14		1 ·48	9 ·63	14
17	Thur.	15		2 ·46	10 ·63	15
18	Fri.	16		3 ·45	11 ·65	16
19	Sat.	17		4 ·48	12 ·70	17
20	Sun.	18		5 ·52	13 ·76	18
21	Mon.	19		6 ·57	14 ·84	19
22	Tues.	20	*Bahula.*	7 ·64	15 ·94	20
23	Wed.	21		8 ·73	... ...	21
24	Thur.	22		9 ·82	16 ·04	22
25	Fri.	23		10 ·90	17 ·16	23
26	Sat.	24		11 ·98	18 ·26	24
27	Sun.	25		... ...	19 ·35	25
28	Mon.	26		12 ·05	20 ·43	26
29	Tues.	27		13 ·09	21 ·49	27
1	Wed.	28		14 ·11	22 ·54	28
2	Thur.	29		A ·11	23 ·55	29
3	Fri.	30		1 ·10	24 ·55	1
4	Sat.	31		2 ·05 / 3 ·99	25 ·53	2
	Feb.					
5	Sun.	1		4 ·92	26 ·49	3
6	Mon.	2		5 ·84	27 ·44	4
7	Tues.	3		6 ·75	1 ·39	5
8	Wed.	4	*Śukla.*	7 ·65	2 ·32	6
9	Thur.	5		8 ·55	3 ·25	7
10	Fri.	6		9 ·45	4 ·18	8
11	Sat.	7		10 ·36	5 ·11	9
12	Sun.	8		11 ·28	6 ·06	10
13	Mon.	9		12 ·21	7 ·01 / 8 ·97	11
14	Tues	10		13 ·14	9 ·95	12
15	Wed.	11		14 ·16	10 ·95	13
16	Thur. ○	12		P ·08	11 ·97	14
17	Fri.	13		1 ·08	... ...	15
18	Sat.	14		2 ·11	12 ·01	16
19	Sun.	15		3 ·14	13 ·07	17
20	Mon.	16		4 ·20	14 ·15	18
21	Tues.	17		5 ·26	15 ·24	19
22	Wed.	18		6 ·34	16 ·35	20
23	Thur.	19		7 ·43	17 ·46	21
24	Fri.	20	*Bahula.*	8 ·52	18 ·56	22
25	Sat.	21		9 ·60	19 ·63	23
26	Sun.	22		10 ·66	20 ·74	24
27	Mon.	23		11 ·70	21 ·80	25
28	Tues.	24		12 ·72	22 ·85	26
29	Wed.	25		13 ·72	23 ·87	27
30	Thur.	26		14 ·70	24 ·87	28
31	Fri.	27		A ·65	25 ·86	29
2	Sat.	28		1 ·60	26 ·82	30

H. 1073 *Jamādū'l akhir.* — *H.* 1073 *Rajab.*

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śubhakṛit. **Mīna—Panguni.**	**March.**					
3	Sun.	1		2 ·53	27 ·78	1
4	Mon.	2		3 ·45	1 ·72	2
5	Tues.	3		4 ·35	2 ·66	3
6	Wed.	4		5 ·25	3 ·59	4
7	Thur.	5		6 ·15	4 ·52	5
8	Fri.	6	*Śukla.*	7 ·05 / 8 ·96	5 ·46	6
9	Sat.	7		9 ·87	6 ·40	7
10	Sun.	8		10 ·80	7 ·34	8
11	Mon.	9		11 ·74	8 ·30	9
12	Tues.	10		12 ·71	9 ·28	10
13	Wed.	11		13 ·68	10 ·28	11
14	Thur.	12		14 ·68	11 ·29	12
15	Fri.	13		P ·70	12 ·32	13
16	Sat.	14		1 ·73	13 ·38	14
17	Sun.	15		2 ·79	14 ·45	15
18	Mon.	16		3 ·86	15 ·55	16
19	Tues.	17		4 ·94	16 ·65	17
20	Wed.	18		... ...	17 ·75	18
21	Thur.	19		5 ·03	18 ·86	19
22	Fri.	20		6 ·12	19 ·96	20
23	Sat.	21	*Bahula.*	7 ·19	... ...	21
24	Sun.	22		8 ·24	20 ·04	22
25	Mon.	23		9 ·28	21 ·12	23
26	Tues.	24		10 ·30	22 ·17	24
27	Wed.	25		11 ·30	23 ·19	25
28	Thur.	26		12 ·28	24 ·20	26
29	Fri.	27		13 ·23	25 ·18	27
30	Sat.	28		14 ·17	26 ·16	28
1	Sun.	29		A ·10	27 ·12	29
2	Mon.	30		1 ·02 / 2 ·92	1 ·06 / 2 ·00	1
3	Tues.	31		3 ·82	3 ·04	2
	April.					
4	Wed.	1		4 ·71	4 ·87	3
5	Thur.	2		5 ·62	5 ·89	4
6	Fri.	3	*Śukla.*	6 ·52	6 ·73	5
7	Sat.	4		7 ·44	7 ·68	6
8	Sun.	5		8 ·36	8 ·63	7
9	Mon.	6		9 ·30	9 ·61	8
10	Tues.	7		10 ·26	10 ·60	9
11	Wed.	8		11 ·23	11 ·61	10
12	Thur.	9		12 ·23	12 ·61	11
13	Fri.	10		13 ·25	13 ·69	12
14	Sat.	11		14 ·29	14 ·75	13
15	Sun.	12		P ·34	15 ·85	14
16	Mon.	13		1 ·40	16 ·95	15
17	Tues.	14		2 ·48	... ...	16
18	Wed.	15		3 ·57	17 ·05	17
19	Thur.	16		4 ·66	18 ·16	18
20	Fri.	17		5 ·73	19 ·26	19
21	Sat.	18		6 ·79	20 ·36	20
22	Sun.	19	*Bahula.*	7 ·83	21 ·43	21
23	Mon.	20		8 ·87	22 ·48	22
24	Tues.	21		9 ·83	23 ·51	23
25	Wed.	22		10 ·80	24 ·52	24
26	Thur.	23		11 ·76	25 ·52	25
27	Fri.	24		12 ·70	26 ·49	26
28	Sat.	25		13 ·63	27 ·45	27
29	Sun.	26		14 ·55	1 ·40	28
30	Mon.	27		A ·43	2 ·34	29
31	Tues.	28		1 ·35	3 ·28	30
1	Wed.	29		2 ·21	4 ·21	1
2	Thur.	30		3 ·15	5 ·13	2

H. 1073 *Shaʻbān.* — *H.* 1073 *Ramazān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.		SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śobhana. **Vrishabha—Vaigāsi.**	**May.**					
3	Fri.	1		4 ·05 / 5 ·97	6 ·07	3
4	Sat.	2		6 ·89	7 ·01 / 8 ·97	4
5	Sun.	3		7 ·83	9 ·94	5
6	Mon.	4		8 ·78	10 ·93	6
7	Tues.	5	*Śukla.*	9 ·75	11 ·93	7
8	Wed.	6		10 ·75	12 ·95	8
9	Thur.	7		11 ·76	13 ·99	9
10	Fri.	8		12 ·80	... ...	10
11	Sat.	9		13 ·85	14 ·07	11
12	Sun.	10		14 ·92	15 ·15	12
13	Mon.	11		... ...	16 ·25	13
14	Tues.	12		P ·00	17 ·35	14
15	Wed.	13		1 ·08	18 ·46	15
16	Thur.	14		2 ·16	19 ·57	16
17	Fri.	15		3 ·23	20 ·66	17
18	Sat.	16		4 ·29	21 ·74	18
19	Sun.	17		5 ·32	22 ·79	19
20	Mon.	18		6 ·35	23 ·83	20
21	Tues.	19	*Bahula.*	7 ·34	24 ·85	21
22	Wed.	20		8 ·32	25 ·85	22
23	Thur.	21		9 ·27	26 ·82	23
24	Fri	22		10 ·21	27 ·78	24
25	Sat.	23		11 ·14	1 ·73	25
26	Sun.	24		12 ·05 / 13 ·95	2 ·68	26
27	Mon.	25		14 ·85	3 ·61	27
28	Tues.	26		A ·75	4 ·54	28
29	Wed.	27		1 ·64	5 ·47	29
30	Thur.	28		2 ·55	6 ·41	1
31	Fri.	29		3 ·47	7 ·35	2
32	Sat.	30		4 ·39	8 ·31	3
1	Sun.	31		5 ·32	9 ·27	4
	June.					
2	Mon.	1		6 ·27	10 ·25	5
3	Tues.	2		7 ·25	11 ·25	6
4	Wed.	3	*Śukla.*	8 ·23	12 ·27	7
5	Thur.	4		9 ·25	13 ·31	8
6	Fri.	5		10 ·28	14 ·37	9
7	Sat.	6		11 ·32	15 ·45	10
8	Sun.	7		12 ·39	16 ·55	11
9	Mon.	8		13 ·47	17 ·65	12
10	Tues.	9		14 ·56	18 ·76	13
11	Wed.	10		P ·64	19 ·87	14
12	Thur	11		1 ·71	20 ·96	15
13	Fri.	12		2 ·77	... ...	16
14	Sat.	13		3 ·80	21 ·04	17
15	Sun.	14		4 ·83	22 ·10	18
16	Mon.	15		5 ·82	23 ·15	19
17	Tues.	16		6 ·80	24 ·17	20
18	Wed.	17	*Bahula.*	7 ·75	25 ·17	21
19	Thur.	18		8 ·70	26 ·15	22
20	Fri.	19		9 ·62	27 ·12	23
21	Sat.	20		10 ·53	1 ·08	24
22	Sun.	21		11 ·44	2 ·02 / 3 ·95	25
23	Mon.	22		12 ·34	4 ·88	26
24	Tues.	23		13 ·24	5 ·81	27
25	Wed.	24		14 ·14	6 ·74	28
26	Thur.	25		A ·04 / 1 ·95	7 ·69	29
27	Fri.	26		2 ·86	8 ·64	30
28	Sat.	27	*Śukla.*	3 ·80	9 ·60	1
29	Sun.	28		4 ·76	10 ·58	2
30	Mon.	29		5 ·72	11 ·57	3
31	Tues.	30		6 ·71	12 ·59	4

H. 1073 *Sha'bān.* — *H.* 1073 *Zi-l-ka'da.*

Naksh:—1 Aśvin. 2. Bhar. 3 Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1663. **Kollam 839,** { **N. Malabar—Sep.** **Hijra 1074.** **Vikrama 1720.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences July 26. **Bengal San. 1069.**
P—Paurnimā. **(N. Cycle) Paridhāvin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Śobhana. **Karkataka—Ādi.**	Wed.	1	7 ·73	13 ·63	5	— 31	Tues.	1	9 ·11	20 ·87	8		Sun.	1	11 ·46	23 ·79	10
	Thur.	2	8 ·75	14 ·68	6	1	Wed.	2	10 ·19	21 ·97	9		Mon.	2	12 ·42	27 ·78	11
	Fri.	3	9 ·81	15 ·75	7	2	Thur.	3	11 ·25	... ...	10		Tues.	3	13 ·37	1 ·75	12
	Sat.	4	10 ·88	16 ·84	8	3	Fri.	4	12 ·29	22 ·04	11		Wed.	4	14 ·30	2 ·71	13
	Sun.	5	11 ·96	17 ·95	9	4	Sat.	5	13 ·33	23 ·09	12		Thur.	5	P ·22	3 ·65	14
	Mon.	6	... ...	... ...	10	5	Sun.	6	14 ·32	24 ·13	13		Fri.	6	1 ·13	4 ·58	15
	Tues.	7	12 ·03	18 ·06	11	6	Mon.	7	P ·30	25 ·14	14		Sat.	7	2 ·03	5 ·51	16
	Wed.	8	13 ·12	19 ·17	12	7	Tues.	8	1 ·26	26 ·14	15				3 ·93		
	Thur.	9	14 ·20	20 ·26	13	8	Wed.	9	2 ·21	27 ·12	16		Sun.	8	4 ·83	6 ·44	17
	Fri.	10	P ·25	21 ·35	14	9	Thur.	10	3 ·14	1 ·08	17		Mon.	9	5 ·74	7 ·37	18
	Sat.	11	1 ·29	22 ·42	15				4 ·05	2 ·03			Tues.	10	6 ·66	3 ·32	19
	Sun.	12	2 ·30	23 ·47	16	10	Fri.	11	5 ·96	3 ·97	18		Wed.	11	7 ·59	9 ·27	20
	Mon.	13	3 ·30	24 ·49	17	11	Sat.	12	6 ·86	4 ·91	19		Thur.	12	8 ·52	10 ·23	21
	Tues.	14	4 ·28	25 ·50	18	12	Sun.	13	7 ·76	5 ·84	20		Fri.	13	9 ·47	11 ·20	22
	Wed.	15	5 ·24	26 ·48	19	13	Mon.	14	8 ·66	6 ·77	21		Sat.	14	10 ·46	12 ·19	23
	Thur.	16	6 ·18	27 ·45	20	14	Tues.	15	9 ·56	7 ·70	22		Sun.	15	11 ·45	13 ·21	24
	Fri.	17	7 ·11	1 ·41	21	15	Wed.	16	10 ·47	8 ·64	23		Mon.	16	12 ·47	14 ·24	25
	Sat.	18	8 ·03	2 ·36	22	16	Thur.	17	11 ·39	9 ·69	24		Tues.	17	13 ·50	15 ·29	26
			9 ·93			17	Fri.	18	12 ·33	10 ·57	25		Wed.	18	14 ·56	16 ·36	27
	Sun.	19	10 ·83	3 ·29	23	18	Sat.	19	13 ·28	11 ·55	26		Thur.	19	— A ·63	17 ·45	28
	Mon.	20	11 ·73	4 ·22	24	19	Sun.	20	14 ·26	12 ·55	27		Fri.	20	1 ·71	18 ·56	— 29
	Tues.	21	12 ·63	5 ·15	25	20	Mon.	21	— A ·25	13 ·57	28		Sat.	21	2 ·80	19 ·67	1
	Wed.	22	13 ·53	6 ·09	26	21	Tues.	22	1 ·35	14 ·61	— 29		Sun.	22	3 ·89	20 ·77	2
	Thur.	23	14 ·43	7 ·03	27	22	Wed.	23	2 ·29	15 ·68	1		Mon.	23	4 ·97	21 ·87	3
				8 ·97		23	Thur.	24	3 ·34	16 ·76	2		Tues.	24	... ...	22 ·96	4
	Fri.	24	— A ·35	9 ·93	28	24	Fri.	25	4 ·41	17 ·85	3		Wed.	25	5 ·03	... ...	5
	Sat.	25	1 ·28	10 ·90	— 29	25	Sat.	26	5 ·49	18 ·96	4		Thur.	26	6 ·08	23 ·04	6
	Sun.	26	2 ·24	11 ·90	1	26	Sun.	27	6 ·58	... ...	5		Fri.	27	7 ·11	24 ·08	7
	Mon.	27	3 ·21	12 ·91	2	27	Mon.	28	7 ·66	19 ·07	6		Sat.	28	8 ·11	25 ·11	8
	Tues.	28	4 ·20	13 ·94	3	28	Tues.	29	8 ·73	20 ·18	7		Sun.	29	9 ·09	26 ·12	9
	Wed.	29	5 ·20	14 ·99	4	29	Wed.	30	9 ·80	21 ·27	8		Mon.	30	10 ·05	27 ·11	10
	Thur.	30	6 ·23	... ...	5												
	Fri.	31	7 ·28	15 ·03	6												
	Aug						**Oct.**						**Dec.**				
Śobhana. **Simha—Avani.**	Sat.	1	8 ·35	16 ·16	7	— 30	Thur.	1	10 ·85	22 ·35	9						
	Sun.	2	9 ·43	17 ·25	8	1	Fri.	2	11 ·89	23 ·41	10						
	Mon.	3	10 ·52	18 ·36	9	2	Sat.	3	12 ·88	24 ·44	11						
	Tues.	4	11 ·60	19 ·47	10	3	Sun.	4	13 ·87	25 ·47	12						
	Wed.	5	12 ·67	20 ·57	11	4	Mon.	5	14 ·83	26 ·47	13						
	Thur.	6	13 ·73	21 ·65	12	5	Tues.	6	P ·78	27 ·45	14						
	Fri.	7	14 ·77	22 ·73	13	6	Wed.	7	1 ·70	1 ·41	15						
	Sat. ○	8	P ·80	23 ·78	14	7	Thur.	8	2 ·61	2 ·36	16						
	Sun.	9	1 ·80	24 ·81	15	8	Fri.	9	3 ·52	3 ·31	17						
	Mon.	10	2 ·77	25 ·82	16	9	Sat.	10	4 ·42	4 ·25	18						
	Tues.	11	3 ·73	26 ·81	17	10	Sun.	11	5 ·33	5 ·18	19						
	Wed.	12	4 ·68	27 ·79	18	11	Mon.	12	6 ·23	6 ·11	20						
	Thur.	13	5 ·61	1 ·75	19	12	Tues.	13	7 ·14	7 ·04	21						
	Fri.	14	6 ·52	2 ·69	20					8 ·99							
	Sat.	15	7 ·42	3 ·63	21				8 ·05								
	Sun.	16	8 ·32	4 ·56	22	13	Wed.	14	9 ·97	9 ·94	22						
	Mon.	17	9 ·22	5 ·50	23	14	Thur.	15	10 ·91	10 ·90	23						
	Tues.	18	10 ·13	6 ·43	24	15	Fri.	16	11 ·86	11 ·87	24						
	Wed.	19	11 ·03	7 ·36	25	16	Sat.	17	12 ·84	12 ·87	25						
			12 ·94			17	Sun.	18	13 ·83	13 ·88	26						
	Thur.	20	13 ·85	8 ·31	26	18	Mon.	19	14 ·84	14 ·93	27						
	Fri.	21	14 ·79	9 ·26	27	19	Tues.	20	— A ·88	15 ·99	28						
	Sat.	22	— A ·74	10 ·24	28	20	Wed.	21	1 ·93	... ...	29						
	Sun.	23	1 ·71	11 ·22	29	21	Thur.	22	... ...	16 ·06	— 30						
	Mon.	24	2 ·71	12 ·23	— 30	22	Fri.	23	2 ·01	17 ·15	1						
	Tues.	25	3 ·71	13 ·25	1	23	Sat.	24	3 ·09	18 ·25	2						
	Wed.	26	4 ·75	14 ·30	2	24	Sun.	25	4 ·17	19 ·37	3						
	Thur.	27	5 ·80	15 ·37	3	25	Mon.	26	5 ·26	20 ·47	4						
	Fri.	28	6 ·87	16 ·46	4	26	Tues.	27	6 ·34	21 ·57	5						
	Sat.	29	7 ·94	17 ·55	5	27	Wed.	28	7 ·40	22 ·65	6						
	Sun.	30	... ...	18 ·66	6	28	Thur.	29	8 ·45	23 ·72	7						
	Mon.	31	8 ·02	19 ·76	7	29	Fri.	30	9 ·48	24 ·77	8						
						— 30	Sat.	31	10 ·47	25 ·79	9						

Śobhana. **Kanyā—Purattāsi.** *H.* 1073 *Ẓi-l-ḥijja.* *Śobhana.* **Tulā—Aippasi.** *H.* 1074 *Muḥarram.* *Śobhana.* **Vṛiśchika—Kārttigai.** *H.* 1074 *Ṣafar.* *Śobhana.* **Dhanus—Mārgali.** *H.* 1074 *Rabi-ul awwal.* *H.* 1074 *Rabi-ul ākhir.* *H.* 1074 *Jamādi'l awwal.* *H.* 1074 *Jamādi'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1664. **Mēsha Saukrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·55** **Śaka 1586.** **Kaliyuga 4765.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·46** **(S. Cycle) Krodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śobhana. **Makara—Tai.**	**Jan.**		*Bahula.* **Paushа.**		*H.* 1074 *Jamādā'l akhir.*	*Śobhana.* **Mīna—Pāguni.**	**March.**		*Bahula.* **Phālguna.**		*H.* 1074 *Sha'bān.*	*Krodhin.* **Vrishabha—Vaigāśi.**	**May.**		*Bahula.* **Vaiśākha.**		
3	Fri.	1	13 ·30	5 ·19	12	4	Tues.	1	14 ·09	11 ·52	13	4	Sun.	1	1 ·12	17 ·28	15
4	Sat.	2	14 ·21	6 ·13	13	5	Wed.	2	P ·04	12 ·50	14	5	Mon.	2	2 ·18	18 ·37	16
5	Sun.	3	P ·11	7 ·06 / 8 ·29	14	6	Thur.	3	1 ·00 / 2 ·98	13 ·49	15	6	Tues.	3	3 ·24	19 ·47	17
6	Mon.	4	1 ·02 / 2 ·94	9 ·94	15	7	Fri.	4	3 ·97	14 ·50	16	7	Wed.	4	4 ·32	20 ·57	18
7	Tues.	5	3 ·86	10 ·89	16	8	Sat.	5	...	15 ·54	17	8	Thur.	5	5 ·41	21 ·68	19
8	Wed.	6	4 ·80	11 ·86	17	9	Sun.	6	4 ·00	16 ·60	18	9	Fri.	6	6 ·49	22 ·78	20
9	Thur.	7	5 ·76	12 ·85	18	10	Mon.	7	5 ·03	17 ·67	19	10	Sat.	7	7 ·56	23 ·88	21
10	Fri.	8	6 ·74	13 ·85	19	11	Tues.	8	6 ·09	18 ·76	20	11	Sun.	8	8 ·62	24 ·96	22
11	Sat.	9	7 ·74	14 ·87	20	12	Wed.	9	7 ·17	19 ·86	21	12	Mon.	9	9 ·68	... ...	23
12	Sun.	10	8 ·75	15 ·91	21	13	Thur.	10	8 ·25	20 ·98	22	13	Tues.	10	10 ·67	25 ·01	24
13	Mon.	11	9 ·80	16 ·98	22	14	Fri.	11	9 ·35	... ...	23	14	Wed.	11	11 ·67	26 ·05	25
14	Tues.	12	10 ·86	... ...	23	15	Sat.	12	10 ·43	21 ·08	24	15	Thur.	12	12 ·64	27 ·06	26
15	Wed.	13	11 ·93	17 ·06	24	16	Sun.	13	11 ·50	22 ·18	25	16	Fri.	13	13 ·60	1 ·07	27
16	Thur.	14	... ...	18 ·16	25	17	Mon.	14	12 ·56	25 ·26	26	17	Sat.	14	14 ·53	2 ·09	28
17	Fri	15	12 ·02	19 ·26	26	18	Tues.	15	13 ·59	24 ·33	27	18	Sun.	15	—A ·45	3 ·00 / 4 ·95	29
18	Sat.	16	13 ·11	20 ·37	27	19	Wed.	16	14 ·61	25 ·39	28	19	Mon.	16	1 ·36	5 ·89	1
19	Sun.	17	14 ·20	21 ·48	28	20	Thur.	17	—A ·60	26 ·41	—29	20	Tues.	17	2 ·26	6 ·82	2
20	Mon ●	18	—A ·27	22 ·57	—29	21	Fri.	18	1 ·58	27 ·42	1	21	Wed.	18	3 ·16	7 ·76	3
21	Tues.	19	1 ·33	23 ·65	1	22	Sat.	19	2 ·54	1 ·40	2	22	Thur.	19	4 ·06 / 5 ·96	8 ·69	4
22	Wed.	20	2 ·37	24 ·71	2	23	Sun.	20	3 ·48	2 ·37	3	23	Fri.	20	6 ·86	9 ·63	5
23	Thur.	21	3 ·40	25 ·75	3	24	Mon.	21	4 ·46	3 ·34	4	24	Sat.	21	7 ·78	10 ·57	6
24	Fri.	22	4 ·39	26 ·76	4	25	Tues.	22	5 ·32	4 ·28	5	25	Sun.	22	8 ·70	11 ·52	7
25	Sat.	23	5 ·38	27 ·77	5	26	Wed.	23	6 ·22	5 ·22	6	26	Mon.	23	9 ·64	12 ·49	8
26	Sun.	24	6 ·34	1 ·75	6	27	Thur.	24	7 ·11	6 ·15	7	27	Tues.	24	10 ·60	13 ·47	9
27	Mon.	25	7 ·27	2 ·71	7	28	Fri.	25	8 ·01 / 9 ·92	7 ·08	8	28	Wed.	25	11 ·57	14 ·47	10
28	Tues.	26	8 ·20	3 ·66	8	29	Sat.	26	10 ·83	8 ·02 / 9 ·95	9	29	Thur.	26	12 ·56	15 ·49	11
—29	Wed.	27	9 ·12	4 ·60	9	—30	Sun	27	11 ·74	10 ·90	10	30	Fri.	27	13 ·57	16 ·53	12
1	Thur.	28	10 ·03 / 11 ·93	5 ·54	10	1	Mon.	28	12 ·67	11 ·85	11	31	Sat.	28	14 ·61	17 ·59	13
2	Fri.	29	12 ·83	6 ·47	11	2	Tues.	29	13 ·61	12 ·82	12	—32	Sun.	29	P ·67	18 ·67	14
3	Sat.	30	13 ·74	7 ·40	12	3	Wed.	30	14 ·57	13 ·81	13	1	Mon.	30	1 ·74	19 ·77	15
4	Sun.	31	14 ·64	8 ·33	13	4	Thur.	31	P ·54	14 ·83	14	2	Tues.	31	2 ·82	20 ·87	16
Śobhana. **Kumbha—Māśi.**	**Feb.**		*Sukla.* **Māgha.**		*H.* 1074 *Rajab.*	*Krodhin.* **Mēsha—Chittirai.**	**April.**		*Bahula.* **Chaitra.**		*H.* 1074 *Ramazān.*	*Krodhin.* **Mithuna—Āni.**	**June.**		*Bahula.* **Jyeshtha.**		
5	Mon. ○	1	P ·56	9 ·27	14	5	Fri.	1	1 ·53	15 ·86	15	3	Wed.	1	3 ·90	21 ·98	17
6	Tues.	2	1 ·49	10 ·23	15	6	Sat.	2	2 ·56	16 ·91	16	4	Thur.	2	4 ·97	... ...	18
7	Wed.	3	2 ·44	11 ·19	16	7	Sun.	3	3 ·60	17 ·97	17	5	Fri.	3	... ...	22 ·09	19
8	Thur.	4	3 ·40	12 ·17	17	8	Mon.	4	4 ·66	... ...	18	6	Sat.	4	5 ·04	23 ·18	20
9	Fri.	5	4 ·37	13 ·17	18	9	Tues.	5	5 ·73	18 ·06	19	7	Sun.	5	6 ·10	24 ·26	21
10	Sat.	6	5 ·37	14 ·18	19	10	Wed.	6	6 ·81	19 ·16	20	8	Mon.	6	7 ·13	25 ·32	22
11	Sun.	7	6 ·39	15 ·23	20	11	Thur.	7	7 ·90	20 ·27	21	9	Tues.	7	8 ·15	26 ·36	23
12	Mon.	8	7 ·44	16 ·29	21	12	Fri.	8	8 ·98	21 ·38	22	10	Wed.	8	9 ·15	27 ·38	24
13	Tues.	9	8 ·50	17 ·37	22	13	Sat.	9	... ...	22 ·48	23	11	Thur.	9	10 ·13	1 ·39	25
14	Wed.	10	9 ·57	18 ·48	23	14	Sun.	10	9 ·05	23 ·57	24	12	Fri.	10	11 ·08	2 ·37	26
15	Thur.	11	10 ·65	19 ·56	24	15	Mon.	11	10 ·11	24 ·65	25	13	Sat.	11	12 ·02 / 13 ·95	3 ·34	27
16	Fri.	12	11 ·74	20 ·67	25	16	Tues.	12	11 ·15	25 ·70	26	14	Sun.	12	14 ·85	4 ·29	28
17	Sat.	13	12 ·82	21 ·78	26	17	Wed.	13	12 ·15	26 ·78	27	15	Mon.	13	—A ·76	5 ·23	29
18	Sun.	14	13 ·90	22 ·88	27	18	Thur.	14	13 ·15	27 ·74	28	16	Tues.	14	1 ·66	6 ·17	—30
19	Mon.	15	14 ·97	23 ·96	28	19	Fri.	15	14 ·13	1 ·73	29	17	Wed.	15	2 ·55	7 ·10	1
20	Tues.	16	... ...	... ...	29	20	Sat.	16	—A ·08	2 ·71	—30	18	Thur.	16	3 ·45	8 ·03 / 9 ·96	2
21	Wed.	17	—A ·00	24 ·02	—30	21	Sun.	17	1 ·02 / 2 ·94	3 ·67	1	19	Fri.	17	4 ·35	10 ·90	3
22	Thur.	18	1 ·02	25 ·06	1	22	Mon.	18	3 ·86	4 ·62	2	20	Sat.	18	5 ·26	11 ·85	4
23	Fri.	19	2 ·01	26 ·09	2	23	Tues.	19	4 ·76	5 ·55	3	21	Sun.	19	6 ·18	12 ·82	5
24	Sat.	20	3 ·00 / 4 ·95	27 ·09	3	24	Wed.	20	5 ·66	6 ·49	4	22	Mon.	20	7 ·12	13 ·80	6
25	Sun.	21	5 ·89	1 ·08	4	25	Thur.	21	6 ·55	7 ·41	5	23	Tues.	21	8 ·08	14 ·79	7
26	Mon.	22	6 ·82	2 ·04 / 3 ·99	5	26	Fri.	22	7 ·45	8 ·35	6	24	Wed.	22	9 ·04	15 ·81	8
27	Tues	23	7 ·73	4 ·04	6	27	Sat.	23	8 ·35	9 ·29	7	25	Thur.	23	10 ·04	16 ·85	9
28	Wed.	24	8 ·69	5 ·88	7	28	Sun.	24	9 ·27	10 ·23	8	26	Fri.	24	11 ·05	17 ·90	10
29	Thur.	25	9 ·54	6 ·81	8	29	Mon.	25	10 ·20	11 ·18	9	27	Sat.	25	12 ·08	18 ·98	11
—30	Fri.	26	10 ·45	7 ·74	9	30	Tues.	26	11 ·14	12 ·15	10	28	Sun.	26	13 ·14	... ...	12
1	Sat.	27	11 ·35	8 ·67	10	—31	Wed.	27	12 ·10	13 ·15	11	29	Mon.	27	14 ·21	19 ·07	13
2	Sun.	28	12 ·26	9 ·61	11	1	Thur.	28	13 ·07	14 ·15	12	30	Tues.	28	P ·28	20 ·17	14
3	Mon.	29	13 ·17	10 ·56	12	2	Fri.	29	14 ·06	15 ·17	13	—31	Wed.	29	1 ·36	21 ·28	15
			Śukla. **Phāl.**		1074 *Shaʻbān.*	3	Sat.	30	P ·09	16 ·21	14	1	Thur.	30	2 ·45	22 ·39	16
									Śukla. **Vaiśākha**		*H.* 1074 *Shawwāl.*				*Śukla.* **Āshādha.**		*H.* 1074 *Zi-l-ka'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P Phal. 12. U. Phal. 25. P. Busd. 26. U. Bha d. 27. Rev.

A.D. 1664. **Kollam 840,** { **N. Malabar—Sep.** **Hijra 1075.** **Vikrama 1721.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 15.** **Bengal San. 1070.**
P—Paurnimā. **(N. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Krodhin. **Karkataka—Ādi.**			*Bahula.* **Āsh.**		*H.* 1074 *Zi-l-hijja.*	*Krodhin.* **Kanyā—Purattāsi.**			*Bahula.*		*H.* 1075 *Safar.*	*Krodhin.* **Vrischika—Kārttigai.**			*Sukla.*		
3	Fri.	1	3 ·52	23 ·49	17	1	Thur.	1	6 ·52	3 ·34	19	2	Tues.	1	8 ·13	10 ·59	21
4	Sat.	2	4 ·58	24 ·57	18	2	Fri.	2	7 ·44	4 ·30	20	3	Wed.	2	9 ·03 / 10 ·95	11 ·53	22
5	Sun.	3	5 ·61	25 ·63	19	3	Sat.	3	8 ·36	5 ·25	21						
6	Mon.	4	6 ·64	26 ·68	20	4	Sun.	4	9 ·26	6 ·19	22	4	Thur.	3	11 ·87	12 ·49	23
7	Tues.	5	7 ·63	27 ·71	21	5	Mon.	5	10 ·16	7 ·12	23	5	Fri.	4	12 ·81	13 ·45	24
8	Wed.	6	8 ·61	1 ·72	22	6	Tues.	6	11 ·06 / 12 ·96	8 ·06 / 9 ·99	24	6	Sat.	5	13 ·77	14 ·42	25
9	Thur.	7	9 ·56	2 ·70	23	7	Wed.	7	13 ·87	10 ·92	25	7	Sun.	6	14 ·74	15 ·41	26
10	Fri.	8	10 ·50	3 ·67	24	8	Thur.	8	14 ·78	11 ·86	26	8	Mon.	7	—**A** ·72	16 ·42	27
11	Sat.	9	11 ·42	4 ·62	25	9	Fri.	9	—**A** ·70	12 ·81	27	9	Tues.	8	1 ·75	17 ·46	28
12	Sun.	10	12 ·33	5 ·57	26	10	Sat.	10	1 ·63	13 ·78	28	10	Wed.	9	2 ·79	18 ·51	—29
13	Mon.	11	13 ·24	6 ·51	27	11	Sun.	11	2 ·59	14 ·77	—29	11	Thur.	10	3 ·85	19 ·58	1
14	Tues.	12	14 ·14	7 ·44	28	12	Mon.	12	3 ·56	15 ·77	1	12	Fri.	11	4 ·93	20 ·67	2
15	Wed.	13	**A** ·04 / 1 ·94	8 ·37	29	13	Tues.	13	4 ·55	16 ·79	2	13	Sat.	12	... ...	21 ·77	3
16	Thur.	14	2 ·84	9 ·30	—30	14	Wed.	14	5 ·56	17 ·83	3	14	Sun.	13	5 ·01	22 ·89	4
17	Fri.	15	3 ·75	10 ·24	1	15	Thur.	15	6 ·60	18 ·89	4	15	Mon.	14	6 ·10	23 ·99	5
18	Sat.	16	4 ·66	11 ·19	2	16	Fri.	16	7 ·66	19 ·98	5	16	Tues.	15	7 ·19	... ...	6
19	Sun.	17	5 ·60	12 ·15	3	17	Sat.	17	8 ·74	... ...	6	17	Wed.	16	8 ·26	24 ·09	7
20	Mon.	18	6 ·56	13 ·12	4	18	Sun.	18	9 ·83	20 ·07	7	18	Thur.	17	9 ·32	25 ·18	8
21	Tues.	19	7 ·53	14 ·11	5	19	Mon.	19	10 ·90	21 ·18	8	19	Fri.	18	10 ·37	26 ·25	9
22	Wed.	20	8 ·52	15 ·13	6	20	Tues.	20	11 ·97	22 ·28	9	20	Sat.	19	11 ·40	27 ·30	10
23	Thur.	21	9 ·53	16 ·16	7	21	Wed.	21	... ...	23 ·39	10	21	Sun.	20	12 ·39	1 ·33	11
24	Fri.	22	10 ·56	17 ·21	8	22	Thur.	22	12 ·04	24 ·49	11	22	Mon.	21	13 ·37	2 ·34	12
25	Sat.	23	11 ·61	18 ·28	9	23	Fri.	23	13 ·11	25 ·57	12	23	Tues.	22	14 ·34	3 ·33	13
26	Sun.	24	12 ·68	19 ·37	10	24	Sat.	24	14 ·15	26 ·63	13	24	Wed.	23	**P** ·28	4 ·30	14
27	Mon.	25	13 ·76	20 ·47	11	25	Sun.	25	**P** ·17	27 ·66	14	25	Thur.	24	1 ·22	5 ·25	15
28	Tues.	26	14 ·85	21 ·58	12	26	Mon.	26	1 ·18	1 ·68	15	26	Fri.	25	2 ·14	6 ·21	16
29	Wed. ○	27	**P** ·93	22 ·69	13	27	Tues.	27	2 ·16	2 ·69	16	27	Sat.	26	3 ·05 / 4 ·95	7 ·14	17
30	Thur.	28	... ...	23 ·79	14	28	Wed.	28	3 ·13	3 ·67	17	28	Sun.	27	5 ·85	8 ·07	18
31	Fri.	29	1 ·00	24 ·87	15	29	Thur.	29	4 ·07 / 5 ·99	4 ·63	18	29	Mon.	28	6 ·75	9 ·00 / 10 ·94	19
—32	Sun.	31	3 ·09	... ...	17	—30	Fri.	30	6 ·92	5 ·58	19	—30	Tues.	29	7 ·65	11 ·88	20
												1	Wed.	30	8 ·57	12 ·82	21
	Aug.						**Oct.**						**Dec.**				
Krodhin. **Simha—Āvani.**			*Bahula.* **Śrāvana.**		*H.* 1075 *Rajab.*	*Krodhin.* **Tulā—Aippasi.**			*Sukla.* **Kārttika.**		*H.* 1075 *Rabī-ul akhir.*	*Krodhin.* **Dhanus—Mārgali.**			*Bahula.* **Pausha.**		*H.* 1075 *Jamāda'l awwal.*
1	Mon.	1	4 ·12	26 ·00	18	1	Sat.	1	7 ·82	6 ·52	20	2	Thur.	1	9 ·49	13 ·75	22
2	Tues.	2	5 ·11	27 ·03	19	2	Sun.	2	8 ·73	7 ·46	21	3	Fri.	2	10 ·44	14 ·75	23
3	Wed.	3	6 ·10	1 ·04	20	3	Mon.	3	9 ·63	8 ·39	22	4	Sat.	3	11 ·39	15 ·73	24
4	Thur.	4	7 ·05	2 ·03	21	4	Tues.	4	10 ·53	9 ·32	23	5	Sun.	4	12 ·38	16 ·75	25
5	Fri.	5	8 ·00 / 8 ·92	3 ·00 / 4 ·97	22	5	Wed.	5	11 ·43	10 ·26	24	6	Mon.	5	13 ·38	17 ·77	26
6	Sat.	6	10 ·83	5 ·91	23	6	Thur.	6	12 ·34	11 ·20	25	7	Tues.	6	14 ·39	18 ·82	27
7	Sun.	7	11 ·74	6 ·85	24	7	Fri.	7	13 ·27	12 ·15	26	8	Wed.	7	—**A** ·44	19 ·89	28
8	Mon.	8	12 ·64	7 ·78	25	8	Sat.	8	14 ·20	13 ·12	27	9	Thur.	8	1 ·50	20 ·97	29
9	Tues.	9	13 ·53	8 ·71	26	9	Sun.	9	—**A** ·16	14 ·09	28	10	Fri.	9	2 ·58	... ...	—30
10	Wed.	10	14 ·43	9 ·65	27	10	Mon.	10	1 ·13	15 ·09	29	11	Sat.	10	3 ·66	21 ·08	1
11	Thur.	11	—**A** ·34	10 ·59	28	11	Tues.	11	2 ·13	16 ·10	—30	12	Sun.	11	4 ·75	22 ·19	2
12	Fri.	12	1 ·25	11 ·53	29	12	Wed.	12	3 ·14	17 ·14	1	13	Mon.	12	5 ·84	23 ·29	3
13	Sat.	13	2 ·17	12 ·48	—30	13	Thur.	13	4 ·18	18 ·20	2	14	Tues.	13	6 ·91	24 ·39	4
14	Sun.	14	3 ·10	13 ·45	1	14	Fri.	14	5 ·24	19 ·38	3	15	Wed.	14	7 ·97	25 ·48	5
15	Mon.	15	4 ·05	14 ·44	2	15	Sat.	15	6 ·31	20 ·37	4	16	Thur.	15	... ...	26 ·55	6
16	Tues.	16	5 ·03	15 ·45	3	16	Sun.	16	7 ·39	21 ·47	5	17	Fri.	16	8 ·02	27 ·62	7
17	Wed.	17	6 ·02	16 ·47	4	17	Mon.	17	8 ·47	22 ·58	6	18	Sat.	17	9 ·04	1 ·65	8
18	Thur.	18	7 ·03	17 ·52	5	18	Tues.	18	9 ·55	23 ·69	7	19	Sun.	18	10 ·04	2 ·66	9
19	Fri.	19	8 ·07	18 ·58	6	19	Wed.	19	10 ·64	24 ·79	8	20	Mon.	19	11 ·03 / 12 ·98	3 ·65	10
20	Sat.	20	9 ·12	19 ·67	7	20	Thur.	20	11 ·71	25 ·87	9						
21	Sun.	21	10 ·18	20 ·77	8	21	Fri.	21	12 ·75	26 ·94	10	21	Tues.	20	13 ·92	4 ·63	11
22	Mon.	22	11 ·26	21 ·88	9	22	Sat.	22	13 ·77	27 ·98	11	22	Wed.	21	14 ·85	5 ·60	12
23	Tues.	23	12 ·35	22 ·99	10	23	Sun.	23	14 ·77	... ...	12	23	Thur.	22	**P** ·77	6 ·54	13
24	Wed.	24	13 ·43	... ...	11	24	Mon.	24	**P** ·75	1 ·01	13	24	Fri.	23	1 ·68	7 ·48	14
25	Thur.	25	14 ·51	23 ·09	12	25	Tues.	25	1 ·71	2 ·01	14	25	Sat.	24	2 ·58	8 ·41	15
26	Fri.	26	**P** ·57	24 ·18	13	26	Wed.	26	2 ·67	3 ·00 / 4 ·96	15	26	Sun.	25	3 ·48	9 ·34	16
27	Sat.	27	1 ·61	25 ·26	14	27	Thur.	27	3 ·60	5 ·92	16	27	Mon.	26	4 ·38	10 ·28	17
28	Sun.	28	2 ·63	26 ·31	15	28	Fri.	28	4 ·51	6 ·86	17	28	Tues.	27	5 ·30	11 ·21	18
29	Mon.	29	3 ·62	27 ·35	16	29	Sat.	29	5 ·41	7 ·80	18	—29	Wed.	28	6 ·22	12 ·16	19
30	Tues.	30	4 ·61	1 ·36	17	—30	Sun.	30	6 ·31	8 ·73	19	1	Thur.	29	7 ·14	13 ·11	20
—31	Wed.	31	5 ·57	2 ·35	18	1	Mon.	31	7 ·22	9 ·66	20	2	Fri.	30	8 ·08	14 ·07	21
												3	Sat.	31	9 ·04	15 ·07	22

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1665. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·81.** **Śaka 1587.** **Kaliyuga 4766.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·72.** **(S. Cycle) Viśvāvasu.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Kṛodhin. **Makara—Tai.**	**Jan.**			
4	Sun. 1	10 ·02	16 ·07	23
5	Mon. 2	11 ·03	17 ·09	24
6	Tues. 3	12 ·05	18 ·13	25
7	Wed. 4	13 ·09	19 ·19	26
8	Thur. 5	14 ·14	20 ·27	27
9	Fri. ●6	—**A** ·22	21 ·38	28
10	Sat. 7	1 ·32	22 ·48	—29
11	Sun. 8	2 ·41	23 ·59	1
12	Mon. 9	3 ·49	24 ·69	2
13	Tues. 10	4 ·56	25 ·79	3
14	Wed. 11	5 ·62	26 ·87	4
15	Thur. 12	6 ·67	27 ·93	5
16	Fri. 13	7 ·68	1 ·97	6
17	Sat. 14	8 ·68	2 ·98	7
18	Sun. 15	9 ·67	3 ·98	8
19	Mon. 16	10 ·62	4 ·97	9
20	Tues. 17	11 ·56	5 ·93	10
21	Wed. 18	12 ·49	6 ·88	11
22	Thur. 19	13 ·41	7 ·82	12
23	Fri. 20	14 ·31	8 ·75	13
24	Sat. ○21	**P** ·21	9 ·69	14
25	Sun. 22	1 ·11	10 ·62	15
26	Mon. 23	2 ·01 3 ·92	11 ·55	16
27	Tues. 24	4 ·84	12 ·49	17
28	Wed. 25	5 ·78	13 ·44	18
29	Thur. 26	6 ·72	14 ·41	19
—30	Fri. 27	7 ·68	15 ·39	20
1	Sat. 28	8 ·66	16 ·39	21
2	Sun. 29	9 ·66	17 ·40	22
3	Mon. 30	10 ·68	18 ·44	23
4	Tues. 31	11 ·73	19 ·50	24
		Śukla. **Māgha.**		*H.* 1075 *Rajab.*
5	Wed. 1	12 ·78	20 ·59	25
6	Thur. 2	13 ·86	21 ·68	26
7	Fri. 3	14 ·96	22 ·78	27
8	Sat. 4	... ...	23 ·89	28
9	Sun. 5	**A** ·04	24 ·99	29
10	Mon. 6	1 ·12	... ...	—30
11	Tues. 7	2 ·20	25 ·10	1
12	Wed. 8	3 ·26	26 ·18	2
13	Thur. 9	4 ·31	27 ·24	3
14	Fri. 10	5 ·31	1 ·28	4
15	Sat. 11	6 ·31	2 ·30	5
16	Sun. 12	7 ·29	3 ·31	6
17	Mon. 13	8 ·23	4 ·29	7
18	Tues. 14	9 ·18	5 ·26	8
19	Wed. 15	10 ·11	6 ·21	9
20	Thur. 16	11 ·02 12 ·93	7 15	10
21	Fri. 17	13 ·83	8 ·09	11
22	Sat. 18	14 ·73	9 ·03 10 ·96	12
23	Sun. 19	**P** ·64	11 ·89	13
24	Mon. 20	1 ·54	12 ·83	14
25	Tues. 21	2 ·45	13 ·77	15
26	Wed. 22	3 ·38	14 ·74	16
27	Thur. 23	4 ·32	15 ·72	17
28	Fri. 24	5 ·29	16 ·71	18
—29	Sat. 25	6 ·27	17 ·72	19
1	Sun. 26	7 ·28	18 ·75	20
2	Mon. 27	8 ·30	19 ·82	21
3	Tues. 28	9 ·34	20 ·89	22

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Krodhin. **Mīna—Pāṅguni.**	**March.**			
4	Wed. 1	10 ·40	21 ·98	23
5	Thur. 2	11 ·48	... ...	24
6	Fri. 3	12 ·57	22 ·08	25
7	Sat. 4	13 ·65	23 ·19	26
8	Sun. 5	14 ·74	24 ·30	27
9	Mon. 6	—**A** ·80	25 ·40	28
10	Tues. 7	1 ·85	26 ·48	—29
11	Wed. 8	2 ·89	27 ·55	1
12	Thur. 9	3 ·90	1 ·60	2
13	Fri. 10	4 ·91	2 ·63	3
14	Sat. 11	5 ·89	3 ·64	4
15	Sun. 12	6 ·84	4 ·62	5
16	Mon. 13	7 ·77	5 ·59	6
17	Tues. 14	8 ·70	6 ·55	7
18	Wed. 15	9 ·61	7 ·49	8
19	Thur. 16	10 ·52	8 ·44	9
20	Fri. 17	11 ·41	9 ·37	10
21	Sat. 18	12 ·31	10 30	11
22	Sun. 19	13 ·22	11 ·23	12
23	Mon. 20	14 ·12	12 ·16	13
24	Tues. 21	**P** ·04 1 ·97	13 ·11	14
25	Wed. 22	2 ·90	14 ·07	15
26	Thur. 23	3 ·87	15 ·04	16
27	Fri. 24	4 ·85	16 ·03	17
28	Sat. 25	5 ·85	17 ·04	18
29	Sun. 26	6 ·87	18 ·08	19
30	Mon. 27	7 ·92	19 ·13	20
—31	Tues. 28	8 ·97	20 ·19	21
1	Wed. 29	... ...	21 ·28	22
2	Thur. 30	9 ·05	22 ·38	23
3	Fri. 31	10 ·14	23 ·49	24
		Śukla. **Chaitra.**		*H.* 1075 *Ramazān.*
4	Sat. 1	11 ·22	24 ·60	25
5	Sun. 2	12 ·30	25 ·70	26
6	Mon. 3	13 ·36	26 ·79	27
7	Tues. 4	14 ·42	27 ·86	28
8	Wed. 5	—**A** ·46	1 ·91	29
9	Thur. 6	1 ·47	2 ·95	—30
10	Fri. 7	2 ·46	3 ·96	1
11	Sat. 8	3 ·44	4 ·95	2
12	Sun. 9	4 ·39	5 ·92	3
13	Mon. 10	5 ·32	6 ·88	4
14	Tues. 11	6 ·25	7 ·84	5
15	Wed. 12	7 ·16	8 ·77	6
16	Thur. 13	8 ·06 9 ·96	9 ·70	7
17	Fri. 14	10 ·86	10 ·63	8
18	Sat. 15	11 ·76	11 ·56	9
19	Sun. 16	12 ·66	12 ·50	10
20	Mon. 17	13 ·58	13 ·45	11
21	Tues. 18	14 ·51	14 ·40	12
22	Wed. 19	**P** ·45	15 ·36	13
23	Thur. 20	1 ·40	16 ·36	14
24	Fri. 21	2 ·39	17 ·37	15
25	Sat. 22	3 ·38	18 ·39	16
26	Sun. 23	4 ·40	19 ·43	17
27	Mon. 24	5 ·45	20 ·50	18
28	Tues. 25	6 ·50	21 ·58	19
29	Wed. 26	7 ·57	22 ·69	20
30	Thur. 27	8 ·65	23 ·79	21
—31	Fri. 28	9 ·74	24 ·90	22
1	Sat. 29	10 ·82	.. ..	23
2	Sun. 30	11 ·89	25 ·00	24
		Bahula.		*Shawwāl.*
3	Mon. 31	12 ·94	26 ·09	25
4	Tues. 1	13 ·98	27 ·17	26
5	Wed. 2	14 ·99	1 ·23	27
6	Thur. 3	—**A** ·98	2 ·27	28
7	Fri. 4	1 ·96	3 ·28	—29
8	Sat. 5	2 ·91	4 ·28	1
9	Sun. 6	3 ·84	5 ·25	2
10	Mon. 7	4 ·76	6 ·22	3
11	Tues. 8	5 ·67	7 ·17	4
12	Wed. 9	6 ·58	8 ·11	5
13	Thur. 10	7 ·48	9 ·04 10 ·97	6
14	Fri. 11	8 ·38	11 ·91	7
15	Sat. 12	9 ·28	12 ·84	8
16	Sun. 13	10 ·18	13 ·79	9
17	Mon. 14	11 ·08	14 ·74	10
18	Tues. 15	12 ·01 13 ·96	15 ·70	11
19	Wed. 16	14 ·92	16 ·69	12
20	Thur. 17	**P** ·90	17 ·69	13
21	Fri. 18	1 ·88	18 ·71	14
22	Sat. 19	2 ·90	19 ·75	15
23	Sun. 20	3 ·95	20 ·80	16
24	Mon. 21	.. ..	21 ·88	17
25	Tues. 22	4 ·00	22 ·99	18
26	Wed. 23	5 ·07	.. ..	19
27	Thur. 24	6 ·15	23 ·09	20
28	Fri. 25	7 ·24	24 ·20	21
29	Sat. 26	8 ·32	25 ·30	22
30	Sun. 27	9 ·39	26 ·39	23
—31	Mon. 28	10 ·43	27 ·48	24
1	Tues. 29	11 ·47	1 ·54	25
2	Wed. 30	12 ·48	2 ·58	26

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Krodhin. **Kumbha—Māsi.**	**Feb.**			
5	Wed. 1	12 ·78	20 ·59	25
6	Thur. 2	13 ·86	21 ·68	26
7	Fri. 3	14 ·96	22 ·78	27
8	Sat. 4	... ...	23 ·89	28
9	Sun. 5	**A** ·04	24 ·99	29
10	Mon. 6	1 ·12	... ...	—30
11	Tues. 7	2 ·20	25 ·10	1
12	Wed. 8	3 ·26	26 ·18	2
13	Thur. 9	4 ·31	27 ·24	3
14	Fri. 10	5 ·31	1 ·28	4
15	Sat. 11	6 ·31	2 ·30	5
16	Sun. 12	7 ·29	3 ·31	6
17	Mon. 13	8 ·23	4 ·29	7
18	Tues. 14	9 ·18	5 ·26	8
19	Wed. 15	10 ·11	6 ·21	9
20	Thur. 16	11 ·02 12 ·93	7 15	10
21	Fri. 17	13 ·83	8 ·09	11
22	Sat. 18	14 ·73	9 ·03 10 ·96	12
23	Sun. 19	**P** ·64	11 ·89	13
24	Mon. 20	1 ·54	12 ·83	14
25	Tues. 21	2 ·45	13 ·77	15
26	Wed. 22	3 ·38	14 ·74	16
27	Thur. 23	4 ·32	15 ·72	17
28	Fri. 24	5 ·29	16 ·71	18
—29	Sat. 25	6 ·27	17 ·72	19
1	Sun. 26	7 ·28	18 ·75	20
2	Mon. 27	8 ·30	19 ·82	21
3	Tues. 28	9 ·34	20 ·89	22
		Śukla. **Phālguna.**		*H.* 1075 *Sha'bān.*
4	Wed. 1	10 ·40	21 ·98	23
5	Thur. 2	11 ·48	... ...	24
6	Fri. 3	12 ·57	22 ·08	25
7	Sat. 4	13 ·65	23 ·19	26
8	Sun. 5	14 ·74	24 ·30	27
9	Mon. 6	—**A** ·80	25 ·40	28
10	Tues. 7	1 ·85	26 ·48	—29
11	Wed. 8	2 ·89	27 ·55	1
12	Thur. 9	3 ·90	1 ·60	2
13	Fri. 10	4 ·91	2 ·63	3
14	Sat. 11	5 ·89	3 ·64	4
15	Sun. 12	6 ·84	4 ·62	5
16	Mon. 13	7 ·77	5 ·59	6
17	Tues. 14	8 ·70	6 ·55	7
18	Wed. 15	9 ·61	7 ·49	8
19	Thur. 16	10 ·52	8 ·44	9
20	Fri. 17	11 ·41	9 ·37	10
21	Sat. 18	12 ·31	10 30	11
22	Sun. 19	13 ·22	11 ·23	12
23	Mon. 20	14 ·12	12 ·16	13
24	Tues. 21	**P** ·04 1 ·97	13 ·11	14
25	Wed. 22	2 ·90	14 ·07	15
26	Thur. 23	3 ·87	15 ·04	16
27	Fri. 24	4 ·85	16 ·03	17
28	Sat. 25	5 ·85	17 ·04	18
29	Sun. 26	6 ·87	18 ·08	19
30	Mon. 27	7 ·92	19 ·13	20
—31	Tues. 28	8 ·97	20 ·19	21
1	Wed. 29	... ...	21 ·28	22
2	Thur. 30	9 ·05	22 ·38	23
3	Fri. 31	10 ·14	23 ·49	24
		Bahula.		*H.* 1075 *Shawwāl.*
4	Sat. 1	11 ·22	24 ·60	25
5	Sun. 2	12 ·30	25 ·70	26
6	Mon. 3	13 ·36	26 ·79	27
7	Tues. 4	14 ·42	27 ·86	28
8	Wed. 5	—**A** ·46	1 ·91	29
9	Thur. 6	1 ·47	2 ·95	—30
10	Fri. 7	2 ·46	3 ·96	1
11	Sat. 8	3 ·44	4 ·95	2
12	Sun. 9	4 ·39	5 ·92	3
13	Mon. 10	5 ·32	6 ·88	4
14	Tues. 11	6 ·25	7 ·84	5
15	Wed. 12	7 ·16	8 ·77	6
16	Thur. 13	8 ·06 9 ·96	9 ·70	7
17	Fri. 14	10 ·86	10 ·63	8
18	Sat. 15	11 ·76	11 ·56	9
19	Sun. 16	12 ·66	12 ·50	10
20	Mon. 17	13 ·58	13 ·45	11
21	Tues. 18	14 ·51	14 ·40	12
22	Wed. 19	**P** ·45	15 ·36	13
23	Thur. 20	1 ·40	16 ·36	14
24	Fri. 21	2 ·39	17 ·37	15
25	Sat. 22	3 ·38	18 ·39	16
26	Sun. 23	4 ·40	19 ·43	17
27	Mon. 24	5 ·45	20 ·50	18
28	Tues. 25	6 ·50	21 ·58	19
29	Wed. 26	7 ·57	22 ·69	20
30	Thur. 27	8 ·65	23 ·79	21
—31	Fri. 28	9 ·74	24 ·90	22
1	Sat. 29	10 ·82	.. ..	23
2	Sun. 30	11 ·89	25 ·00	24
		Bahula.		*Dhū-l-ka'da.*
3	Mon. 31	12 ·94	26 ·09	25
4	Tues. 1	13 ·98	27 ·17	26
5	Wed. 2	14 ·99	1 ·23	27
6	Thur. 3	—**A** ·98	2 ·27	28
7	Fri. 4	1 ·96	3 ·28	—29
8	Sat. 5	2 ·91	4 ·28	1
9	Sun. 6	3 ·84	5 ·25	2
10	Mon. 7	4 ·76	6 ·22	3
11	Tues. 8	5 ·67	7 ·17	4
12	Wed. 9	6 ·58	8 ·11	5
13	Thur. 10	7 ·48	9 ·04 10 ·97	6
14	Fri. 11	8 ·38	11 ·91	7
15	Sat. 12	9 ·28	12 ·84	8
16	Sun. 13	10 ·18	13 ·79	9
17	Mon. 14	11 ·08	14 ·74	10
18	Tues. 15	12 ·01 13 ·96	15 ·70	11
19	Wed. 16	14 ·92	16 ·69	12
20	Thur. 17	**P** ·90	17 ·69	13
21	Fri. 18	1 ·88	18 ·71	14
22	Sat. 19	2 ·90	19 ·75	15
23	Sun. 20	3 ·95	20 ·80	16
24	Mon. 21	.. ..	21 ·88	17
25	Tues. 22	4 ·00	22 ·99	18
26	Wed. 23	5 ·07	.. ..	19
27	Thur. 24	6 ·15	23 ·09	20
28	Fri. 25	7 ·24	24 ·20	21
29	Sat. 26	8 ·32	25 ·30	22
30	Sun. 27	9 ·39	26 ·39	23
—31	Mon. 28	10 ·43	27 ·48	24
1	Tues. 29	11 ·47	1 ·54	25
2	Wed. 30	12 ·48	2 ·58	26

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Viśvāvasu. **Mēsha—Chittirai.**	**April.**			
4	Sat. 1	11 ·22	24 ·60	25
5	Sun. 2	12 ·30	25 ·70	26
6	Mon. 3	13 ·36	26 ·79	27
7	Tues. 4	14 ·42	27 ·86	28
8	Wed. 5	—**A** ·46	1 ·91	29
9	Thur. 6	1 ·47	2 ·95	—30
10	Fri. 7	2 ·46	3 ·96	1
11	Sat. 8	3 ·44	4 ·95	2
12	Sun. 9	4 ·39	5 ·92	3
13	Mon. 10	5 ·32	6 ·88	4
14	Tues. 11	6 ·25	7 ·84	5
15	Wed. 12	7 ·16	8 ·77	6
16	Thur. 13	8 ·06 9 ·96	9 ·70	7
17	Fri. 14	10 ·86	10 ·63	8
18	Sat. 15	11 ·76	11 ·56	9
19	Sun. 16	12 ·66	12 ·50	10
20	Mon. 17	13 ·58	13 ·45	11
21	Tues. 18	14 ·51	14 ·40	12
22	Wed. 19	**P** ·45	15 ·36	13
23	Thur. 20	1 ·40	16 ·36	14
24	Fri. 21	2 ·39	17 ·37	15
25	Sat. 22	3 ·38	18 ·39	16
26	Sun. 23	4 ·40	19 ·43	17
27	Mon. 24	5 ·45	20 ·50	18
28	Tues. 25	6 ·50	21 ·58	19
29	Wed. 26	7 ·57	22 ·69	20
30	Thur. 27	8 ·65	23 ·79	21
—31	Fri. 28	9 ·74	24 ·90	22
1	Sat. 29	10 ·82	.. ..	23
2	Sun. 30	11 ·89	25 ·00	24
		Śukla. **Vaiśākha.**		*H.* 1075 *Dhū-l-ka'da.*
3	Mon. 1	12 ·94	26 ·09	25
4	Tues. 2	13 ·98	27 ·17	26
5	Wed. 3	14 ·99	1 ·23	27
6	Thur. 4	—**A** ·98	2 ·27	28
7	Fri. 5	1 ·96	3 ·28	—29
8	Sat. 6	2 ·91	4 ·28	1
9	Sun. 7	3 ·84	5 ·25	2
10	Mon. 8	4 ·76	6 ·22	3
11	Tues. 9	5 ·67	7 ·17	4
12	Wed. 10	6 ·58	8 ·11	5
13	Thur. 11	7 ·48	9 ·04 10 ·97	6
14	Fri. 12	8 ·38	11 ·91	7
15	Sat. 13	9 ·28	12 ·84	8
16	Sun. 14	10 ·18	13 ·79	9
17	Mon. 15	11 ·08	14 ·74	10
18	Tues. 16	12 ·01 13 ·96	15 ·70	11
19	Wed. 17	14 ·92	16 ·69	12
20	Thur. 18	**P** ·90	17 ·69	13
21	Fri. 19	1 ·88	18 ·71	14
22	Sat. 20	2 ·90	19 ·75	15
23	Sun. 21	3 ·95	20 ·80	16
24	Mon. 22	.. ..	21 ·88	17
25	Tues. 23	4 ·00	22 ·99	18
26	Wed. 24	5 ·07	.. ..	19
27	Thur. 25	6 ·15	23 ·09	20
28	Fri. 26	7 ·24	24 ·20	21
29	Sat. 27	8 ·32	25 ·30	22
30	Sun. 28	9 ·39	26 ·39	23
—31	Mon. 29	10 ·43	27 ·48	24
1	Tues. 30	11 ·47	1 ·54	25
2	Wed. 31	12 ·48	2 ·58	26
		Bahula.		*H.* 1075 *Zi-l-ka'da.*
3	Thur. 1	13 ·47	3 ·60	27
4	Fri. 2	14 ·45	4 ·60	28
5	Sat. 3	—**A** ·40	5 ·59	29
6	Sun. 4	1 ·34	6 ·56	—30
7	Mon. 5	2 ·26	7 ·51	1
8	Tues. 6	3 ·17	8 ·45	2
9	Wed. 7	4 ·07 5 ·97	9 ·38	3
10	Thur. 8	6 ·87	10 ·32	4
11	Fri. 9	7 ·77	11 ·25	5
12	Sat. 10	8 ·67	12 ·18	6
13	Sun. 11	9 ·58	13 ·12	7
14	Mon. 12	10 ·50	14 ·07	8
15	Tues. 13	11 ·44	15 ·04	9
16	Wed. 14	12 ·39	16 ·01	10
17	Thur. 15	13 ·37	17 ·01	11
18	Fri. 16	14 ·36	18 ·02	12
19	Sat. 17	**P** ·38	19 ·06	13
20	Sun. 18	1 ·41	20 ·11	14
21	Mon. 19	2 ·47	21 ·20	15
22	Tues. 20	3 ·54	22 ·29	16
23	Wed. 21	4 ·63	23 ·39	17
24	Thur. 22	5 ·70	24 ·49	18
25	Fri. 23	6 ·78	25 ·60	19
26	Sat. 24	7 ·86	26 ·71	20
27	Sun. 25	8 ·91	27 ·79	21
28	Mon. 26	9 ·95	1 ·85	22
29	Tues. 27	10 ·96	2 ·90	23
30	Wed. 28	11 ·95	3 ·92	24
31	Thur. 29	12 ·92	4 ·94	25
—32	Fri. 30	13 ·88	5 ·92	26
		Śukla. **Jyeshtha.**		*H.* 1075 *Zi-l-hijja.*
1	Sat. 31	14 ·83	6 ·90	27
2	Sun. 1	15 ·77	7 ·87	28
3	Mon. 2	16 ·71	8 ·83	29
4	Tues. 3	17 ·65	9 ·79	—30
5	Wed. 4	18 ·59	10 ·76	1
6	Thur. 5	19 ·54	11 ·74	2
7	Fri. 6	20 ·50	12 ·74	3
8	Sat. 7	21 ·48	13 ·76	4
9	Sun. 8	22 ·48	14 ·80	5
10	Mon. 9	23 ·50	15 ·87	6
11	Tues. 10	24 ·55	16 ·96	7
12	Wed. 11	25 ·62	18 ·07	8
13	Thur. 12	26 ·71	19 ·20	9
14	Fri. 13	27 ·82	20 ·34	10
15	Sat. 14	**P** ·94	21 ·49	11
16	Sun. 15	1 ·08	22 ·65	12
17	Mon. 16	2 ·23	23 ·81	13
18	Tues. 17	3 ·39	24 ·97	14
19	Wed. 18	4 ·56	26 ·13	15
20	Thur. 19	5 ·73	27 ·28	16
21	Fri. 20	6 ·90	1 ·42	17
22	Sat. 21	8 ·06	2 ·55	18
23	Sun. 22	9 ·21	3 ·66	19
24	Mon. 23	10 ·34	4 ·75	20
25	Tues. 24	11 ·45	5 ·82	21
26	Wed. 25	12 ·54	6 ·87	22
27	Thur. 26	13 ·61	7 ·89	23
28	Fri. 27	14 ·66	8 ·89	24
29	Sat. 28	15 ·68	9 ·86	25
—30	Sun. 29	16 ·68	10 ·81	26
1	Mon. 30	17 ·65	11 ·74	27
2	Tues. 31	18 ·60	12 ·65	28

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1665. **Kollam 841,** { **N. Malabar—Sep.** **Hijra 1076.** **Vikrama 1722.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 4.** **Bengal San. 1071.**
P—Paurnimā. **(N. Cycle) Ānanda.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Viśvāsu. **Karkataka—Ādi.** 1	Sat. 1	14 ·81	6 ·89	27
2	Sun. 2	—**A** ·73	7 ·84	28
3	Mon. 3	1 ·65	8 ·78	—29
4	Tues. 4	2 ·55	9 ·73	1
5	Wed. 5	3 ·45	10 ·66	2
6	Thur. 6	4 ·34	11 ·59	3
7	Fri. 7	5 ·24	12 ·52	4
8	Sat. 8	6 ·14	13 ·46	5
9	Sun. 9	7 ·05	14 ·40	6
10	Mon. 10	8 ·98	15 ·37	7
11	Tues. 11	9 ·92	16 ·34	8
12	Wed. 12	10 ·87	17 ·33	9
13	Thur. 13	11 ·85	18 ·34	10
14	Fri. 14	12 ·84	19 ·37	11
15	Sat. 15	13 ·86	20 ·43	12
16	Sun. 16	14 ·89	21 ·50	13
17	Mon. 17	P ·95	22 ·59	14
18	Tues. 18	... ...	23 ·69	15
19	Wed. 19	1 ·02	24 ·79	16
20	Thur. 20	2 ·10	25 ·91	17
21	Fri. 21	3 ·18	27 ·01	18
22	Sat. 22	4 ·26	... ...	19
23	Sun. 23	5 ·33	26 ·01	20
24	Mon. 24	6 ·38	27 ·09	21
25	Tues. 25	7 ·42	1 ·16	22
26	Wed. 26	8 ·44	2 ·21	23
27	Thur. 27	9 ·44	3 ·25	24
28	Fri. 28	10 ·41	4 ·26	25
29	Sat. 29	11 ·37	5 ·25	26
30	Sun. 30	12 ·31	6 ·22	27
—31	Mon. 31	13 ·23	7 ·18	28
	Aug.			
Viśvāsu. **Simha—Āvaṇi.** 1	Tues. 1	13 ·14	8 ·12	28
2	Wed. 2	**A** ·04	9 ·07	29
3	Thur. 3	1 ·95	10 ·00	—30
4	Fri. 4	2 ·84	11 ·03	1
5	Sat. 5	3 ·74	12 ·86	2
6	Sun. 6	4 ·64	13 ·79	3
7	Mon. 7	5 ·56	14 ·74	4
8	Tues. 8	6 ·48	15 ·70	5
9	Wed. 9	7 ·41	16 ·67	6
10	Thur. 10	8 ·37	17 ·65	7
11	Fri. 11	9 ·34	18 ·66	8
12	Sat. 12	10 ·34	19 ·69	9
13	Sun. 13	11 ·35	20 ·74	10
14	Mon. 14	12 ·39	21 ·80	11
15	Tues. 15	13 ·45	22 ·89	12
16	Wed. 16	14 ·51	23 ·98	13
17	Thur. 17	P ·59	... ...	14
18	Fri. 18	1 ·67	24 ·10	15
19	Sat. 19	2 ·76	25 ·21	16
20	Sun. 20	3 ·83	26 ·31	17
21	Mon. 21	4 ·89	27 ·40	18
22	Tues. 22	5 ·92	1 ·47	19
23	Wed. 23	6 ·94	2 ·53	20
24	Thur. 24	7 ·94	3 ·57	21
25	Fri. 25	8 ·91	4 ·58	22
26	Sat. 26	9 ·88	5 ·57	23
27	Sun. 27	10 ·82	6 ·55	24
28	Mon. 28	11 ·75	7 ·51	25
29	Tues. 29	12 ·66	8 ·47	26
30	Wed. 30	13 ·56	9 ·41	27
—31	Thur. 31	14 ·46	10 ·34	28
		—**A** ·35	11 ·27	29
		1 ·26	12 ·20	

Cyclic sidereal year, month and day.	Week-day English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Viśvāsu. **Kanyā—Purattāśi.** 1	Fri. 1	2 ·16	13 ·14	1
2	Sat. 2	3 ·08	14 ·08	2
3	Sun. 3	4 ·00	15 ·03	3
4	Mon. 4	5 ·94	16 ·00	4
5	Tues. 5	6 ·89	17 ·98	5
6	Wed. 6	7 ·87	18 ·98	6
7	Thur. 7	8 ·87	... ...	7
8	Fri. 8	9 ·88	19 ·01	8
9	Sat. 9	10 ·91	20 ·05	9
10	Sun. 10	11 ·96	21 ·11	10
11	Mon. 11	... ...	22 ·19	11
12	Tues. 12	12 ·04	23 ·29	12
13	Wed. 13	13 ·12	24 ·40	13
14	Thur. 14	14 ·20	25 ·51	14
15	Fri. 15	P ·28	26 ·61	15
16	Sat. 16	1 ·56	27 ·70	16
17	Sun. 17	2 ·42	1 ·78	17
18	Mon. 18	3 ·46	2 ·85	18
19	Tues. 19	4 ·48	3 ·88	19
20	Wed. 20	5 ·48	4 ·90	20
21	Thur. 21	6 ·46	5 ·90	21
22	Fri. 22	7 ·42	6 ·88	22
23	Sat. 23	8 ·36	7 ·85	23
24	Sun. 24	9 ·29	8 ·80	24
25	Mon. 25	10 ·20	9 ·74	25
26	Tues. 26	11 ·11	10 ·68	26
27	Wed. 27	12 ·02	11 ·60	27
28	Thur. 28	13 ·92	12 ·54	28
29	Fri. 29	—**A** ·81	13 ·48	29
—30	Sat. 30	1 ·63	14 ·42	—30
	Oct.	2 ·56	15 ·36	
Viśvāsu. **Tulā—Aippaśi.** 31	Sun. 1	3 ·50	16 ·33	1
1	Mon. 2	4 ·45	17 ·31	2
2	Tues. 3	5 ·44	18 ·31	3
3	Wed. 4	6 ·43	19 ·32	4
4	Thur. 5	7 ·44	20 ·36	5
5	Fri. 6	8 ·48	21 ·42	6
6	Sat. 7	9 ·54	22 ·50	7
7	Sun. 8	10 ·61	23 ·59	8
8	Mon. 9	11 ·69	24 ·70	9
9	Tues. 10	12 ·78	25 ·80	10
10	Wed. 11	13 ·86	26 ·91	11
11	Thur. 12	14 ·95	... ...	12
12	Fri. 13	... ...	27 ·06	13
13	Sat. 14	P ·01	1 ·09	14
14	Sun. 15	1 ·04	2 ·16	15
15	Mon. 16	2 ·07	3 ·20	16
16	Tues. 17	3 ·06	4 ·22	17
17	Wed. 18	4 ·04	5 ·22	18
18	Thur. 19	5 ·00	6 ·22	19
19	Fri. 20	7 ·88	7 ·18	20
20	Sat. 21	8 ·79	8 ·14	21
21	Sun. 22	9 ·70	9 ·08	22
22	Mon. 23	10 ·60	10 ·01	23
23	Tues. 24	11 ·50	12 ·88	24
24	Wed. 25	12 ·40	13 ·81	25
25	Thur. 26	13 ·31	14 ·75	26
26	Fri. 27	14 ·23	15 ·70	27
27	Sat. 28	—**A** ·16	16 ·67	28
28	Sun. 29	1 ·10	17 ·64	—29
29	Mon 30	2 ·05	18 ·63	1
—30	Tues. 31	3 ·04	19 ·64	2

Cyclic sidereal year, month and day.	Week-day English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Viśvāsu. **Vṛśchika—Kārttigai.** 1	Wed. 1	4 ·02	20 ·57	3
2	Thur. 2	5 ·05	21 ·72	4
3	Fri. 3	6 ·08	22 ·80	5
4	Sat. 4	7 ·15	23 ·89	6
5	Sun. 5	8 ·23	24 ·99	7
6	Mon. 6	9 ·31	... ...	8
7	Tues. 7	10 ·40	25 ·10	9
8	Wed. 8	11 ·48	26 ·21	10
9	Thur. 9	12 ·56	27 ·31	11
10	Fri. 10	13 ·62	1 ·40	12
11	Sat. 11	14 ·67	2 ·47	13
12	Sun. 12	P ·68	3 ·51	14
13	Mon. 13	1 ·68	4 ·54	15
14	Tues. 14	2 ·66	5 ·56	16
15	Wed. 15	3 ·62	6 ·55	17
16	Thur. 16	4 ·57	7 ·52	18
17	Fri. 17	5 ·50	8 ·47	19
18	Sat. 18	6 ·42	9 ·42	20
19	Sun. 19	7 ·32	10 ·36	21
20	Mon. 20	8 ·22	11 ·29	22
21	Tues. 21	9 ·12	12 ·22	23
22	Wed. 22	10 ·06	13 ·15	24
23	Thur. 23	11 ·94	14 ·09	25
24	Fri. 24	12 ·85	15 ·04	26
25	Sat. 25	13 ·77	16 ·00	27
26	Sun. 26	14 ·72	17 ·97	28
27	Mon. 27	—**A** ·68	18 ·95	29
28	Tues. 28	1 ·66	19 ·96	—30
—29	Wed. 29	2 ·66	20 ·99	1
1	Thur. 30	3 ·69	... ...	2
	Dec.	4 ·73	21 ·04	3
Viśvāsu. **Dhanus—Mārgali.** 2	Fri. 1	5 ·79	22 ·11	3
3	Sat. 2	6 ·87	23 ·19	4
4	Sun. 3	7 ·96	24 ·29	5
5	Mon. 4	... ...	25 ·40	6
6	Tues. 5	8 ·05	26 ·51	7
7	Wed. 6	9 ·13	27 ·61	8
8	Thur. 7	10 ·20	1 ·70	9
9	Fri. 8	11 ·26	2 ·77	10
10	Sat. 9	12 ·31	3 ·83	11
11	Sun. 10	13 ·32	4 ·87	12
12	Mon. 11	14 ·32	5 ·88	13
13	Tues. 12	P ·30	6 ·87	14
14	Wed. 13	1 ·26	7 ·85	15
15	Thur. 14	2 ·20	8 ·81	16
16	Fri. 15	3 ·13	9 ·76	17
17	Sat. 16	4 ·05	10 ·70	18
18	Sun. 17	5 ·96	11 ·63	19
19	Mon. 18	6 ·87	12 ·56	20
20	Tues. 19	7 ·77	13 ·49	21
21	Wed. 20	8 ·67	14 ·43	22
22	Thur. 21	9 ·57	15 ·38	23
23	Fri. 22	10 ·49	16 ·33	24
24	Sat. 23	11 ·42	17 ·29	25
25	Sun. 24	12 ·36	18 ·28	26
26	Mon. 25	13 ·32	19 ·28	27
27	Tues. 26	14 ·31	20 ·31	28
28	Wed. 27	—**A** ·31	21 ·35	—29
—29	Thur. 28	1 ·34	22 ·41	1
1	Fri. 29	2 ·40	23 ·50	2
2	Sat. 30	3 ·46	24 ·60	3
3	Sun. 31	4 ·53	25 ·71	4

Śukla. *Bahula.* *H. 1076 Muharram.* *H. 1076 Śafar.* *H. 1076 Rabi-ul awwal.* *H. 1076 Rabi-ul ākhir.* *H. 1076 Jamāda'l awwal.* *H. 1076 Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1666. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·07.** **Śaka 1588.** **Kaliyuga 4767.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·93.** **(S. Cycle) Parābhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**				
4	Mon.	1	6 ·69	26 ·81	5	3	Thur.	1	5 ·17	3 ·77	5
5	Tues.	2	7 ·78	27 ·91	6	4	Fri.	2	6 ·20	4 ·82	6
6	Wed.	3	8 ·86	... ..	7	5	Sat.	3	7 ·21	5 ·84	7
7	Thur.	4	9 ·92	1 ·01	8	6	Sun.	4	8 ·20	6 ·85	8
8	Fri.	5	10 ·95	2 ·08	9	7	Mon.	5	9 ·17	7 ·84	9
9	Sat.	6	11 ·96	3 ·15	10	8	Tues.	6	10 ·12	8 ·81	10
10	Sun.	7	12 ·97	4 ·19	11	9	Wed.	7	11 ·07	9 ·77	11
11	Mon.	8	13 ·94	5 ·20	12				12 ·99		
12	Tues.	9	14 ·90	6 ·20	13	10	Thur.	8	13 ·90	10 ·71	12
13	Wed.	10	☽ ·85	7 ·18	14	11	Fri.	9	14 ·81	11 ·65	13
14	Thur.	11	1 ·78	8 ·15	15	12	Sat.	10	☽ ·71	12 ·59	14
15	Fri.	12	2 ·68	9 10	16	13	Sun.	11	1 ·61	13 ·52	15
				10 ·04		14	Mon.	12	2 ·51	14 ·45	16
16	Sat.	13	3 ·58	11 ·97	17	15	Tues.	13	3 ·43	15 ·38	17
17	Sun.	14	4 ·49	12 ·90	18	16	Wed.	14	4 ·34	16 ·33	18
18	Mon.	15	5 ·39	13 ·83	19	17	Thur.	15	5 ·26	17 ·29	19
19	Tues.	16	6 ·30	14 ·77	20	18	Fri.	16	6 ·21	18 ·26	20
20	Wed.	17	7 ·21	15 ·71	21	19	Sat.	17	7 ·17	19 ·25	21
21	Thur.	18	8 ·13	16 ·66	22	20	Sun.	18	8 ·16	20 ·26	22
22	Fri.	19	9 ·06	17 ·63	23	21	Mon.	19	9 ·15	21 ·29	23
			10 ·01			22	Tues.	20	10 ·19	22 ·35	24
23	Sat.	20	11 ·97	18 ·60	24	23	Wed.	21	11 ·23	23 ·41	25
24	Sun.	21	12 ·95	19 ·61	25	24	Thur.	22	12 ·28	24 ·50	26
25	Mon.	22	13 ·95	20 ·62	26	25	Fri.	23	13 ·36	25 ·60	27
26	Tues.	23	14 ·97	21 ·66	27	26	Sat.	24	14 ·45	26 ·71	28
27	Wed.	24	... ...	22 ·72	28	27	Sun.	25	—▲ ·54	27 ·82	29
28	Thur.	25	—▲ ·02	23 ·80	29	28	Mon.	26	1 ·62	1 ·92	—30
29	Fri.	26	1 ·09	24 ·90	—30	29	Tues.	27	2 ·69	... ...	1
—30	Sat.	27	2 ·17	... .	1	—30	Wed.	28	3 ·74	2 ·03	2
1	Sun.	28	3 ·25	25 ·06	2	1	Thur.	29	4 ·78	3 ·08	3
2	Mon.	29	4 ·33	26 ·11	3	2	Fri.	30	5 ·78	4 ·13	4
3	Tues.	30	5 ·43	27 ·21	4	3	Sat.	31	6 ·77	5 ·16	5
4	Wed.	31	6 ·50	1 ·31	5						
	Feb.						**April.**				
5	Thur.	1	7 ·55	2 ·40	6	4	Sun.	1	7 ·74	6 ·18	6
6	Fri.	2	8 ·58	3 ·46	7	5	Mon.	2	8 ·69	7 ·17	7
7	Sat.	3	9 ·60	4 ·50	8	6	Tues.	3	9 ·63	8 ·14	8
8	Sun.	4	10 ·60	5 ·52	9	7	Wed.	4	10 ·55	9 ·10	9
9	Mon.	5	11 ·57	6 ·52	10	8	Thur.	5	11 ·47	10 ·05	10
10	Tues.	6	12 ·52	7 ·50	11					11 ·99	
11	Wed.	7	13 ·46	8 ·48	12	9	Fri.	6	12 ·37	12 ·92	11
12	Thur.	8	14 ·40	9 ·43	13	10	Sat.	7	13 ·27	13 ·85	12
13	Fri.	9	☽ ·31	10 ·37	14	11	Sun.	8	14 ·17	14 ·78	13
14	Sat.	10	1 ·22	11 ·31	15	12	Mon.	9	☽ ·07	15 ·72	14
15	Sun.	11	2 ·12	12 ·24	16				1 ·98		
			3 ·02			13	Tues.	10	2 ·89	16 ·67	15
16	Mon.	12	4 ·92	13 ·18	17	14	Wed.	11	3 ·82	17 ·62	16
17	Tues.	13	5 ·83	14 ·11	18	15	Thur.	12	4 ·76	18 ·59	17
				15 ·05		16	Fri.	13	5 ·72	19 ·57	18
18	Wed.	14	6 ·75	15 ·99	19	17	Sat.	14	6 ·70	20 ·58	19
19	Thur.	15	7 ·67	17 ·95	20	18	Sun.	15	7 ·69	21 ·60	20
20	Fri.	16	8 ·62	18 ·94	21	19	Mon.	16	8 ·73	22 ·66	21
21	Sat.	17	9 ·58	19 ·93	22	20	Tues.	17	9 ·77	23 ·72	22
22	Sun.	18	10 ·57	20 ·94	23	21	Wed.	18	10 ·83	24 ·80	23
23	Mon.	19	11 ·57	21 ·97	24	22	Thur.	19	11 ·91	25 ·90	24
24	Tues.	20	12 ·60	... ...	25	23	Fri.	20	12 ·99	... ...	25
25	Wed.	21	13 ·65	22 ·03	26	24	Sat.	21	... ...	26 ·01	26
26	Thur.	22	14 ·70	23 ·11	27	25	Sun.	22	13 ·07	27 ·12	27
27	Fri.	23	—▲ ·78	24 ·20	28	26	Mon.	23	14 ·15	1 ·22	28
28	Sat.	24	1 ·87	25 ·30	—29	27	Tues.	24	—▲ 22	2 ·31	—29
29	Sun.	25	2 ·98	26 ·41	1	28	Wed.	25	1 ·27	3 ·39	1
—30	Mon.	26	... ...	27 ·51	2	29	Thur.	26	2 ·31	4 ·45	2
1	Tues.	27	3 ·05	1 ·61	3	30	Fri.	27	3 ·30	5 ·49	3
2	Wed.	28	4 ·11	2 ·70	4	—31	Sat.	28	4 ·30	6 ·50	4
						1	Sun.	29	5 ·27	7 ·50	5
						2	Mon.	30	6 ·21	8 ·47	6
	May.										
3	Tues.	1	7 ·15	9 ·43	7						
4	Wed.	2	8 ·07	10 ·39	8						
			9 ·99								
5	Thur.	3	10 ·89	11 ·33	9						
6	Fri.	4	11 ·79	12 ·26	10						
7	Sat.	5	12 ·69	13 ·19	11						
8	Sun.	6	13 ·59	14 ·12	12						
9	Mon.	7	14 ·49	15 ·06	13						
10	Tues.	8	☽ ·40	16 ·00	14						
				17 ·96							
11	Wed.	9	1 ·33	18 ·92	15						
12	Thur.	10	2 ·28	19 ·90	16						
13	Fri.	11	3 ·23	20 ·91	17						
14	Sat.	12	4 ·21	21 ·93	18						
15	Sun.	13	5 ·21	22 ·97	19						
16	Mon.	14	6 ·24	... ...	20						
17	Tues.	15	7 ·27	23 ·03	21						
18	Wed.	16	8 ·33	24 ·10	22						
19	Thur.	17	9 ·40	25 ·20	23						
20	Fri.	18	10 ·48	26 ·31	24						
21	Sat.	19	11 ·57	27 ·42	25						
22	Sun.	20	12 ·65	1 ·52	26						
23	Mon.	21	13 ·72	2 ·61	27						
24	Tues.	22	14 ·76	3 ·69	28						
25	Wed.	23	—▲ ·79	4 ·76	29						
26	Thur.	24	1 ·80	5 ·80	—30						
27	Fri.	25	2 ·80	6 ·82	1						
28	Sat.	26	3 ·76	7 ·82	2						
29	Sun.	27	4 ·72	8 ·80	3						
30	Mon.	28	5 ·66	9 ·78	4						
—31	Tues.	29	6 ·59	10 ·73	5						
1	Wed.	30	7 ·49	11 ·67	6						
2	Thur.	31	8 ·39	12 ·60	7						
	June.										
3	Fri.	1	9 ·28	13 ·53	8						
4	Sat.	2	10 ·18	14 ·47	9						
			11 ·08								
5	Sun.	3	12 ·99	15 ·40	10						
6	Mon.	4	13 ·91	16 ·34	11						
7	Tues.	5	14 ·82	17 ·29	12						
8	Wed.	○6	☽ ·76	18 ·25	13						
9	Thur.	7	1 ·72	19 ·23	14						
10	Fri.	8	2 ·70	20 ·23	15						
11	Sat.	9	3 ·69	21 ·24	16						
12	Sun.	10	4 ·71	22 ·28	17						
13	Mon.	11	5 ·75	23 ·33	18						
14	Tues.	12	6 ·80	24 ·41	19						
15	Wed.	13	7 ·87	25 ·51	20						
16	Thur.	14	8 ·96	26 ·61	21						
17	Fri.	15	... ..	27 ·71	22						
18	Sat.	16	9 ·04	1 ·82	23						
19	Sun.	17	10 ·12	2 ·92	24						
20	Mon.	18	11 ·19	... ...	25						
21	Tues.	19	12 ·24	3 ·01	26						
22	Wed.	20	13 ·27	4 ·07	27						
23	Thur.	21	14 ·29	5 ·12	28						
24	Fri.	●22	—▲ ·28	6 ·14	29						
25	Sat.	23	1 ·24	7 ·15	—30						
26	Sun.	24	2 ·20	8 ·14	1						
27	Mon.	25	3 ·14	9 ·11	2						
			4 ·06								
28	Tues.	26	5 ·96	10 ·06	3						
			6 ·86	11 ·09							
29	Wed.	27		12 ·94	4						
30	Thur.	28	7 ·76	13 ·88	5						
31	Fri.	29	8 ·66	14 ·81	6						
—32	Sat.	30	9 ·56	15 ·74	7						

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1666. **Kollam 842,** { **N. Malabar—Sep.** **Hijra 1077.** **Vikrama 1723.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 24.** **Bengal San. 1072.**
P—Paurnimā. **(N. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
									Bhādrapada.						Kārttika.		
			Āshādha.														
			P 18	21 ·56	13	Parābhava.						Parābhava.					
			1 ·17	22 ·59	14	Kanyā—Puraṭṭāsi.						Vṛśchika—Kārttigai.					
			2 ·13	23 ·65	15												
			3 ·23	24 ·73	16												
			4 ·28	25 ·81	17												
			5 ·35	26 ·91	18												
			6 ·43	... ...	19												
			Bahula.						Bahula.						Bahula.		
			7 ·52	27 ·01	20												
			8 ·59	1 ·12	21												
			9 ·66	2 ·22	22												
			10 ·72	3 ·31	23	H. 1077 Muharram.						H. 1077 Rabī-ul awwal.					H. 1077 Jamādal awwal.
			11 ·75	4 ·38	24												
			12 ·77	5 ·43	25												
			13 ·75	6 ·46	26												
			14 ·73	7 ·48	27												
			A ·68	8 ·47	28												
			1 ·62	9 ·44	29												
			2 ·55	10 ·40	30												
			Śukla.						Śukla.						Śukla.		
			3 ·45	11 ·34	1												
			4 ·35	12 ·29	2												
			5 ·25	13 ·22	3												
			6 ·15	14 ·15	4												
			7 ·05	15 ·08	5												
			5 ·96														
				16 ·01													
			9 ·87	17 ·96	6												
			10 ·79	18 ·92	7												
			11 ·73	19 ·89	8												
	Aug.						**Oct.**						**Dec.**				
			Śrāvaṇa.						Āśvina.						Mārgaśīrsha.		
			P ·67	23 ·96	9				P ·00	.. ...					P ·55	5 ·99	
			1 ·71	... ...	10				1 ·09	1 ·03	11				1 ·59	... ...	13
			2 ·76	24 02	11				2 ·17	2 ·13	12				2 ·61	6 ·05	14
			3 ·84	25 ·11	12				3 ·25	3 ·22	13				3 ·69	7 ·08	15
			4 ·92	26 ·21	13				4 ·30	4 ·33	14				4 ·58	8 ·10	16
			... ...	27 31	14				5 ·34	5 ·37	15				5 ·51	9 ·09	17
			Bahula.						Bahula.						Bahula.		
			5 ·01	1 ·43	15				6 ·36	6 ·42	16				6 ·47	10 ·07	18
			6 ·09	2 ·53	16				7 ·36	7 ·44	17					11 ·02	19
			7 ·16	3 ·62	17				8 ·23	8 ·44	18				7 ·40	12 ·97	20
			8 ·21	4 ·69	18				9 ·30	9 ·43	19				8 ·32	13 ·92	21
			9 ·24	5 ·74	19				10 ·25	10 ·40	20				9 ·23	14 ·85	22
			10 ·26	6 ·78	20				11 ·17	11 ·36	21				10 ·13	15 ·78	23
			11 ·25	7 ·80	21				12 ·08	12 ·30	22				11 ·03	16 ·71	24
			12 ·23	8 ·79	22				13 ·08						12 ·93		
			13 ·19	9 ·77	23				14 ·08	13 ·23	23				13 ·84	17 ·64	25
			14 ·14	10 ·73	24				A ·78	14 ·16	24				14 ·76	18 ·59	26
			A ·08						1 ·69	15 ·10	25				A ·70	19 ·55	27
			1 ·96	11 ·68	25				2 ·60	16 ·03	26				1 ·65	20 ·51	28
			Śukla.						Śukla.	17 ·97					Śukla.		
			2 ·86	12 ·62	26				3 ·52	18 ·92	27				2 ·60	21 ·50	29
			3 ·76	13 ·56	27				4 ·45	19 ·88	28				3 ·60	22 ·50	1
			4 ·66	14 ·49	28				5 ·39	20 ·86	29				4 ·59	23 ·52	2
			5 ·56	15 ·41	29				6 ·34	21 ·85	30				5 ·62	24 ·57	3
			6 ·47	16 ·35	30				7 ·32	22 ·86	1				6 ·67	25 ·64	4
			7 ·39	17 ·30	1				8 ·32	23 ·89	2				7 ·73	26 ·73	5
			8 ·32	18 ·25	2				9 ·34	24 ·94	3				8 ·81	27 ·82	6
			9 ·25	19 ·22	3				Kārt.						9 ·89	1 ·92	7
			10 ·20	20 ·20	4				10 ·39	... ...	4				10 ·99	... ...	8
			11 ·18	21 ·20	5				11 ·45	25 ·02	5				... ...	2 ·03	9
			12 ·18	22 ·23	6				12 ·52	26 ·11	6				11 ·07	3 ·13	10
									13 ·61	27 ·21	7				12 ·14	4 ·23	11
									14 ·70	1 ·32	8				13 ·20	5 ·30	12
															14 ·23	6 ·36	13
															P ·25	7 ·41	14

Parābhava. Siṁha—Āvaṇi. | Parābhava. Tulā—Aippasi. | Parābhava. Dhanus—Mārgaḷi.

13, Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.L. 1667. **Mesha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·33.** **Śaka 1589.** **Kaliyuga 4768.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·24.** **(S. Cycle) Plavaṅga.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Parābhava.	**Jan.**						**March.**						**May.**				
3	Tues.	1	1 ·25	8 ·42	15	3	Fri.	1	1 ·28	13 ·93	15	3	Wed.	1	4 ·72	19 ·22	17
4	Wed.	2	2 ·23	9 ·42	16	4	Sat.	2	2 ·20	14 ·86	16	4	Thur.	2	5 ·64	20 ·17	18
5	Thur.	3	3 ·18	10 ·40	17	5	Sun.	3	3 ·10	15 ·79	17	5	Fri.	3	6 ·59	21 ·14	19
6	Fri.	4	4 ·13	11 ·36	18	6	Mon.	4	4 ·00 5 ·90	16 ·73	18	6	Sat.	4	7 ·55	22 ·12	20
7	Sat.	5	5 ·05 6 ·96	12 ·32	19	7	Tues.	5	6 ·81	17 ·66	19	7	Sun.	5	8 ·54	23 ·12	21
8	Sun.	6	7 ·87	13 ·26	20	8	Wed.	6	7 ·71	18 ·60	20	8	Mon.	6	9 ·54	24 ·14	22
9	Mon.	7	8 ·77	14 ·19	21	9	Thur.	7	8 ·62	19 ·55	21	9	Tues.	7	10 ·55	25 ·19	23
10	Tues.	8	9 ·68	15 ·12	22	10	Fri.	8	9 ·56	20 ·50	22	10	Wed.	8	11 ·60	26 ·25	24
11	Wed.	9	10 ·58	16 05 17 ·98	23	11	Sat.	9	10 ·50	21 ·48	23	11	Thur.	9	12 ·66	27 ·32	25
12	Thur.	10	11 ·49	18 ·93	24	12	Sun.	10	11 ·48	22 ·47	24	12	Fri.	10	13 ·74	1 ·42	26
13	Fri.	11	12 ·41	19 ·88	25	13	Mon.	11	12 ·46	23 ·48	25	13	Sat.	11	14 ·82	2 ·52	27
14	Sat.	12	13 ·35	20 ·84	26	14	Tues.	12	13 ·46	24 ·51	26	14	Sun.	12	—**A** ·90	3 ·64	28
15	Sun.	13	14 ·29	21 ·82	27	15	Wed.	13	14 ·48	25 ·56	27	15	Mon.	12	1 ·98	4 ·74	29
16	Mon.	14	—**A** ·25	22 ·82	28	16	Thur.	14	—**A** ·54	26 ·64	28	16	Tues.	14	... ...	5 ·83	30
17	Tues.	15	1 ·24	23 ·84	29	17	Fri.	15	1 ·60	27 ·72	29	17	Wed.	15	2 ·05	6 ·91	1
18	Wed.	16	2 ·23	24 ·88	30	18	Sat.	16	2 ·68	1 ·32	30	18	Thur.	16	3 ·10	7 ·97	2
19	Thur.	17	3 ·27	25 ·94	1	19	Sun.	17	3 ·77	2 ·93	1	19	Fri.	17	4 ·12	... ...	3
20	Fri.	18	4 ·32	... ...	2	20	Mon.	18	4 ·86	... ...	2	20	Sat.	18	5 ·14	8 ·02	4
21	Sat.	19	5 ·39	26 ·02	3	21	Tues.	19	5 ·94	3 ·03	3	21	Sun.	19	6 ·12	9 ·04	5
22	Sun.	20	6 ·46	27 ·11	4	22	Wed.	20	... ...	4 ·13	4	22	Mon.	20	7 ·10	10 ·04	6
23	Mon.	21	7 ·55	1 ·22	5	23	Thur.	21	6 ·00	5 ·23	5	23	Tues.	21	8 ·04 9 ·98	11 ·02 12 ·99	7
24	Tues.	22	8 ·64	2 ·33	6	24	Fri.	22	7 ·05	6 ·30	6	24	Wed.	22	10 ·89	13 ·95	8
25	Wed.	23	9 ·72	3 ·43	7	25	Sat.	23	8 ·09	7 ·35	7	25	Thur.	23	11 ·79	14 ·89	9
26	Thur.	24	10 ·79	4 ·53	8	26	Sun.	24	9 ·09	8 ·38	8	26	Fri.	24	12 ·70	15 ·82	10
27	Fri.	25	11 ·85	5 ·61	9	27	Mon.	25	10 ·08	9 ·39	9	27	Sat.	25	13 ·59	16 ·75	11
28	Sat.	26	12 ·88	6 ·68	10	28	Tues.	26	11 ·04	10 ·39	10	28	Sun.	26	14 ·49	17 ·68	12
—29	Sun.	27	13 ·89	7 ·72	11	29	Wed.	27	12 ·00 13 ·93	11 ·36	11	29	Mon.	○27	**P** ·39	18 ·62	13
1	Mon.	28	14 ·88	8 ·74	12	—30	Thur.	28	14 ·86	12 ·32	12	30	Tues.	28	1 ·30	19 ·56	14
2	Tues.	29	**P** ·87	9 ·74	13	1	Fri.	29	**P** ·77	13 ·27	13	31	Wed.	29	2 ·22	20 ·51	15
3	Wed.	30	1 ·82	10 ·72	14	2	Sat.	30	1 ·67	14 ·20	14	—32	Thur.	30	3 ·14	21 ·47	16
4	Thur.	31	2 ·75	11 ·69	15	3	Sun.	31	2 ·57	15 ·14	15	1	Fri.	31	4 ·08	22 ·44	17
	Feb.						**April.**						**June.**				
5	Fri.	1	3 ·67	12 ·65	16	4	Mon.	1	3 ·47	16 ·07	16	2	Sat.	1	5 ·04	23 ·44	18
6	Sat.	2	4 ·59	13 ·59	17	5	Tues.	2	4 ·37	17 ·00 18 ·94	17	3	Sun.	2	6 ·03	24 ·46	19
7	Sun.	3	5 ·50	14 ·53	18	6	Wed.	3	5 ·27	19 ·88	18	4	Mon.	3	7 ·02	25 ·50	20
8	Mon.	4	6 ·40	15 ·46	19	7	Thur.	4	6 ·18	20 ·84	19	5	Tues.	4	8 ·04	26 ·55	21
9	Tues.	5	7 ·30	16 ·39	20	8	Fri.	5	7 ·12	21 ·81	20	6	Wed.	5	9 ·08	27 ·63	22
10	Wed.	6	8 ·20	17 ·32	21	9	Sat.	6	8 ·07	22 ·79	21	7	Thur.	6	10 ·13	1 ·72	23
11	Thur.	7	9 ·11	18 ·26	22	10	Sun.	7	9 ·03	23 ·80	22	8	Fri.	7	11 ·21	2 ·83	24
12	Fri.	8	10 ·03 11 ·97	19 ·21	23	11	Mon.	8	10 ·01	24 ·82	23	9	Sat.	8	12 ·29	3 ·94	25
13	Sat.	9	12 ·92	20 ·17	24	12	Tues.	9	11 ·02	25 ·88	24	10	Sun.	9	13 ·37	... ...	26
14	Sun.	10	13 ·88	21 ·15	25	13	Wed.	10	12 ·04	26 ·94	25	11	Mon.	10	14 ·46	4 ·04	27
15	Mon.	11	14 ·86	22 ·15	26	14	Thur.	11	13 ·08	... ...	26	12	Tues.	●11	—**A** ·53	5 ·14	28
16	Tues.	12	—**A** ·86	23 ·16	27	15	Fri.	12	14 ·15	27 ·03	27	13	Wed.	12	1 ·58	6 ·22	—29
17	Wed.	13	1 ·89	24 ·19	28	16	Sat.	13	—**A** ·23	1 ·12	28	14	Thur.	13	2 ·62	7 ·29	1
18	Thur.	14	2 ·94	25 ·25	—29	17	Sun.	14	1 ·31	2 ·22	—29	15	Fri.	14	3 ·62	8 ·34	2
19	Fri.	15	... ...	26 ·32	1	18	Mon.	15	2 ·39	3 ·33	1	16	Sat.	15	4 ·60	9 ·36	3
20	Sat.	16	3 ·01	27 ·42	2	19	Tues.	16	3 ·47	4 ·44	2	17	Sun.	16	5 ·58	10 ·37	4
21	Sun.	17	4 ·09	1 ·52	3	20	Wed.	17	4 ·54	5 ·53	3	18	Mon.	17	6 ·52	11 ·35	5
22	Mon.	18	5 ·18	2 ·63	4	21	Thur.	18	5 ·59	6 ·61	4	19	Tues.	18	7 ·46	12 ·33	6
23	Tues.	19	6 ·25	3 ·73	5	22	Fri.	19	6 ·63	7 ·66	5	20	Wed	19	8 ·38	13 ·28	7
24	Wed.	20	7 ·34	4 ·83	6	23	Sat.	20	7 ·64	8 ·70	6	21	Thur.	20	9 ·29	14 ·22	8
25	Thur.	21	8 ·41	5 ·92	7	24	Sun.	21	8 ·62	9 ·72	7	22	Fri.	21	10 ·19	15 ·16	9
26	Fri.	22	9 ·48	6 ·99	8	25	Mon.	22	9 ·58	10 ·72	8	23	Sat	22	11 ·09 12 ·99	16 ·09	10
27	Sat.	23	10 ·50	... ...	9	26	Tues.	23	10 ·53	11 ·69	9						
28	Sun.	24	11 ·50	7 ·04	10	27	Wed	24	11 ·46	12 ·65	10	24	Sun.	23	13 ·89	17 ·02 18 ·90	11
29	Mon.	25	12 ·50	8 ·06	11	28	Thur.	25	12 ·39	13 ·60	11	25	Mon.	24	14 ·79	19 ·90	12
—30	Tues.	26	13 ·47	9 ·07	12	29	Fri.	26	13 ·30	14 ·55	12	26	Tues.	25	**P** ·70	20 ·84	13
1	Wed.	27	14 ·43	10 ·05	13	30	Sat.	27	14 ·20	15 ·48	13	27	Wed.	26	1 ·62	21 ·80	14
2	Thur.	28	**P** ·36	11 ·03 12 ·99	14	—31	Sun.	28	**P** ·10	16 ·41	14	28	Thur.	27	2 ·56	22 ·77	15
						1	Mon.	29	1 ·00 2 ·90	17 ·34	15	29	Fri.	28	3 ·53	23 ·77	16
						2	Tues.	30	3 ·80	18 ·27	16	30	Sat.	29	4 ·50	24 ·78	17
												—31	Sun.	30	5 ·50	25 ·81	18

Parābhava. **Makara—Tai.** *Bahula.* *Śukla.* **Māgha.** **P** *Bahula.* *Śukla.* **Phālguna.** **P** *Bahula.* *Śukla.* **Chaitra.** *Bahula.* *Śukla.* **Vaiśākha.** **P** *Bahula.* *Śukla.* **Jyeshtha.** **P** *Bahula.* *Śukla.* **Āshādha.** **P**

Pārābhava. **Kumbha—Māśi.** *Bahula.* *Śukla.* **Phālguna.** **P** *Bahula.* *Śukla.* **Chaitra.** *Bahula.* *Śukla.* **Vaiśākha.** **P** *Bahula.* *Śukla.* **Jyeshtha.** **P** *Bahula.* *Śukla.* **Āshādha.** **P** *Bahula.*

Parābhava. **Mina—Pāguni.** *Bahula.* *Śukla.* **Chaitra.** *Bahula.* *Śukla.* **Vaiśākha.** **P** *Bahula.* *Śukla.* **Jyeshtha.** **P** *Bahula.* *Śukla.* **Āshādha.** **P** *Bahula.* *Śukla.* **Śrāvaṇa.** **P**

Plavaṅga. **Mēsha—Chittirai.** *Bahula.* *Śukla.* **Vaiśākha.** **P** *Bahula.* *Śukla.* **Jyeshtha.** **P** *Bahula.* *Śukla.* **Āshādha.** **P** *Bahula.* *Śukla.* **Śrāvaṇa.** **P** *Bahula.* *Śukla.* **Bhādrapada.** **P**

Plavaṅga. **Mithuna—Āni.** *Śukla.* **Āshādha.** **P** *Bahula.* *Śukla.* **Śrāvaṇa.** **P** *Bahula.* *Śukla.* **Bhādrapada.** **P** *Bahula.* *Śukla.* **Āśvina.** **P** *Bahula.* *Śukla.* **Kārtika.** **P**

Nakṣh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. H. Phad. 14. U. Bhad. 15. Rev.

H. 1077 Rajab. H. 1077 Sha'bān. H. 1077 Ramzān. H. 1077 Shawwāl. H. 1077 Zi-l-ka'da. H. 1077 Zi-l-hijja. H. 1078 Muharram.

A.D. 1667. Kollam 843, Commences {N. Malabar—Sep. S. Malabar—Aug.} **Hijra 1078.** Commences June 13. **Vikrama 1724. Bengal San. 1073. (N. Cycle) Anala.**

A—Amāvāsyā.
P—Paurnimā.

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
1	Mon. 1	6 ·52	26 ·86	19
2	Tues. 2	7 ·55	27 ·93	20
3	Wed. 3	*Bahula.* 8 ·62	... ...	21
4	Thur. 4	9 ·69	1 ·03	22
5	Fri. 5	10 ·77	2 ·13	*H. 1078 Muharram.* 23
6	Sat. 6	11 ·85	3 ·28	24
7	SUN. 7	12 ·93	4 ·34	25
8	Mon. 8	... ...	5 ·44	26
9	Tues. 9	13 ·00	6 ·53	27
10	Wed. 10	14 ·05	7 ·60	28
11	Thur. 11	—A ·09	8 ·65	29
12	Fri. 12	1 ·10	9 ·68	—30
13	Sat. 13	*Sukla.* 2 ·09	10 ·69	1
14	SUN. 14	3 ·05	11 ·69	2
Plavanga. **Karkataka—Ādi.** 15	Mon. 15	4 ·00 / 5 ·94	12 ·66	3
16	Tues. 16	6 ·86	13 ·62	4
17	Wed. 17	7 ·78	14 ·56	5
18	Thur. 18	8 ·68	15 ·50	6
19	Fri. 19	9 ·58	16 ·43	7
20	Sat. 20	10 ·47	17 ·37	8
21	SUN. 21	11 ·37	18 ·30	9
22	Mon. 22	**Śrāvana.** 12 ·28	19 ·23	10
23	Tues. 23	13 ·18	20 ·17	11
24	Wed. 24	14 ·10	21 ·13	12
25	Thur. 25	P ·04	22 ·11	13
26	Fri. 26	1 ·01 / 2 ·98	23 ·09	*H. 1078 Safar.* 14
27	Sat. 27	3 ·99	24 ·10	15
28	SUN. 28	*Bahula.*	25 ·12	16
29	Mon. 29	4 ·00	26 ·17	17
30	Tues. 30	5 ·03	27 ·25	18
31	Wed. 31	6 ·09	1 ·33	19
	Aug.			
—32	Thur. 1	7 ·16	2 ·43	20
1	Fri. 2	8 ·25	3 ·53	21
2	Sat. 3	9 ·34	4 ·64	22
3	SUN. 4	10 ·42	5 ·75	23
4	Mon. 5	11 ·48	6 ·84	24
5	Tues. 6	12 ·53	7 ·91	25
6	Wed. 7	13 ·57	8 ·97	26
7	Thur. 8	14 ·59	... ...	27
8	Fri. 9	—A ·58	9 ·00	28
9	Sat. 10	1 ·54	10 ·01	—29
10	SUN. 11	2 ·50	11 ·01 / 12 ·99	1
11	Mon. 12	3 ·44	13 ·95	2
12	Tues. 13	*Sukla.* 4 ·37	14 ·90	3
13	Wed. 14	5 ·28	15 ·84	4
14	Thur. 15	6 ·18	16 ·78	5
Plavanga. **Simha—Āvani.** 15	Fri. 16	7 ·07 / 8 ·97	17 ·71	6
16	Sat. 17	9 ·87	18 ·63	7
17	SUN. 18	10 ·78	19 ·57	8
18	Mon. 19	11 ·70	20 ·51	9
19	Tues. 20	12 ·62	21 ·47	*H. 1078 Rabī-ul awwal.* 10
20	Wed. 21	**Bhādrapada.** 13 ·55	22 ·44	11
21	Thur. 22	14 ·51	23 ·42	12
22	Fri. 23	P ·49	24 ·42	13
23	Sat. 24	1 ·50	25 ·44	14
24	SUN. 25	2 ·52	26 ·49	15
25	Mon. 26	3 ·56	27 ·55	16
26	Tues. 27	4 ·61	1 ·63	17
27	Wed. 28	5 ·67	2 ·72	18
28	Thur. 29	*Bahula.* 6 ·75	3 ·83	19
29	Fri. 30	7 ·84	4 ·94	20
30	Sat. 31	8 ·92	... ...	21

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
—31	SUN. 1	... ...	5 ·05	22
1	Mon. 2	9 ·00	6 ·14	23
2	Tues. 3	*Bahula.* 10 ·05	7 ·22	24
3	Wed. 4	11 ·09	8 ·28	25
4	Thur. 5	12 ·12	9 ·31	26
5	Fri. 6	13 ·10	10 ·34	27
6	Sat. 7	14 ·07	11 ·34	28
7	SUN. 8	A ·03 / 1 ·97	12 ·32	29
8	Mon. 9	2 ·90	13 ·28	—30
9	Tues. 10	3 ·81	14 ·23	1
10	Wed. 11	4 ·71	15 ·18	2
11	Thur. 12	*Sukla.* 5 ·61	16 ·11	3
12	Fri. 13	6 ·51	17 ·04 / 18 ·97	4
13	Sat. 14	7 ·40	19 ·91	5
14	SUN. 15	8 ·31	20 ·85	6
15	Mon. 16	9 ·23	21 ·80	7
16	Tues. 17	10 ·15	22 ·77	8
Plavanga. **Kanyā—Purattāsi.** 17	Wed. 18	11 ·10	23 ·74	9
18	Thur. 19	12 ·05	24 ·74	10
19	Fri. 20	13 ·04	25 ·76	11
20	Sat. 21	**Āśvina.** 14 ·03	26 ·80	12
21	SUN. 22	P ·05	27 ·86	13
22	Mon. 23	1 ·10	1 ·93	14
23	Tues. 24	2 ·15	... ...	15
24	Wed. 25	3 ·23	2 ·02	*H. 1078 Rabī-ul ākhir.* 16
25	Thur. 26	4 ·31	3 ·13	17
26	Fri. 27	5 ·40	4 ·24	18
27	Sat. 28	*Bahula.* 6 ·48	5 ·35	19
28	SUN. 29	7 ·55	6 ·44	20
29	Mon. 30	8 ·61	7 ·52	21
	Oct.			
—30	Tues. 1	9 ·65	8 ·59	22
1	Wed. 2	10 ·68	9 ·64	23
2	Thur. 3	11 ·66	10 ·66	24
3	Fri. 4	12 ·64	11 ·66	25
4	Sat. 5	13 ·60	12 ·65	26
5	SUN. 6	14 ·53	13 ·62	27
6	Mon. 7	—A ·46	14 ·58	28
7	Tues. 8	1 ·37	15 ·52	—29
8	Wed. 9	2 ·27	16 ·45	1
9	Thur. 10	3 ·17	17 ·38	2
10	Fri. 11	4 ·07 / 5 ·97	18 ·31	3
11	Sat. 12	6 ·89	19 ·25	4
12	SUN. 13	*Sukla.* 7 ·81	20 ·19	5
Plavanga. **Tulā—Aippaśi.** 13	Mon. 14	8 ·74	21 ·14	6
14	Tues. 15	9 ·68	22 ·09	7
15	Wed. 16	10 ·63	23 ·07	8
16	Thur. 17	11 ·62	24 ·06	9
17	Fri. 18	12 ·62	25 ·08	10
18	Sat. 19	**Kārttika.** 13 ·64	26 ·11	11
19	SUN. 20	14 ·68	27 ·16	12
20	Mon. 21	P ·74	1 ·24	*H. 1078 Jamāda'l awwal.* 13
21	Tues. 22	1 ·82	2 ·33	14
22	Wed. 23	2 ·90	3 ·43	15
23	Thur. 24	3 ·99	4 ·54	16
24	Fri. 25	... ...	5 ·65	17
25	Sat. 26	4 ·07	6 ·74	18
26	SUN. 27	5 ·15	7 ·83	19
27	Mon. 28	*Bahula.* 6 ·21	8 ·91	20
28	Tues. 29	7 ·24	9 ·95	21
29	Wed. 30	8 ·27	10 ·98	22
—30	Thur. 31	9 ·25	11 ·99	23

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
1	Fri. 1	10 ·23	12 ·97	24
2	Sat. 2	11 ·19	13 ·95	25
3	SUN. 3	12 ·14	14 ·91	26
4	Mon. 4	13 ·06 / 14 ·97	15 ·85	27
5	Tues. 5	—A ·87	16 ·79	28
6	Wed. 6	1 ·78	17 ·72	29
7	Thur. 7	2 ·68	18 ·66	—30
8	Fri. 8	3 ·58	19 ·59	1
9	Sat. 9	4 ·50	20 ·53	2
10	SUN. 10	5 ·42	21 ·47	3
11	Mon. 11	*Sukla.* 6 ·35	22 ·43	4
12	Tues. 12	7 ·28	23 ·40	5
13	Wed. 13	8 ·24	24 ·39	6
Plavanga. **Vriśchika—Kārttigai.** 14	Thur. 14	9 ·24	25 ·40	7
15	Fri. 15	10 ·24	26 ·43	8
16	Sat. 16	11 ·26	27 ·47	9
17	SUN. 17	12 ·30	1 ·54	10
18	Mon. 18	13 ·37	2 ·63	11
19	Tues. 19	14 ·45	3 ·73	12
20	Wed. ○ 20	P ·53	4 ·84	13
21	Thur. 21	**Mārgaśīrsha.** 1 ·62	5 ·95	14
22	Fri. 22	2 ·70	... ...	15
23	Sat. 23	3 ·78	6 ·05	16
24	SUN. 24	4 ·84	7 ·14	*H. 1078 Jamāda'l ākhir.* 17
25	Mon. 25	5 ·88	8 ·22	18
26	Tues. 26	6 ·90	9 ·27	19
27	Wed. 27	7 ·89	10 ·30	20
28	Thur. 28	*Bahula.* 8 ·86	11 ·31	21
29	Fri. 29	9 ·82	12 ·31	22
—30	Sat. 30	10 ·76	13 ·29	23
	Dec.			
1	SUN. 1	11 ·68	14 ·24	24
2	Mon. 2	12 ·59	15 ·19	25
3	Tues. 3	13 ·50	16 ·13	26
4	Wed. 4	14 ·41	17 ·06	27
5	Thur. 5	—A ·31	18 ·00 / 19 ·93	28
6	Fri. 6	1 ·21	20 ·86	—29
7	Sat. 7	2 ·12	21 ·80	1
8	SUN. 8	3 ·04 / 4 ·98	22 ·76	2
9	Mon. 9	5 ·92	23 ·78	3
10	Tues. 10	6 ·89	24 ·72	4
11	Wed. 11	7 ·87	25 ·72	5
12	Thur. 12	*Sukla.* 8 ·89	26 ·74	6
Plavanga. **Dhanus—Mārgali.** 13	Fri. 13	9 ·91	27 ·78	7
14	Sat. 14	10 ·95	1 ·86	8
15	SUN. 15	... ...	2 ·94	9
16	Mon. 16	11 ·02	... ...	10
17	Tues. 17	12 ·10	3 ·03	11
18	Wed. 18	13 ·19	4 ·14	*H. 1078 Rajab.* 12
19	Thur. 19	**Pausha.** 14 ·28	5 ·25	13
20	Fri. 20	P ·37	6 ·36	14
21	Sat. 21	1 ·43	7 ·45	15
22	SUN. 22	2 ·48	8 ·52	16
23	Mon. 23	3 ·52	9 ·58	17
24	Tues. 24	4 ·54	10 ·62	18
25	Wed. 25	5 ·53	11 ·64	19
26	Thur. 26	*Bahula.* 6 ·50	12 ·64	20
27	Fri. 27	7 ·47	13 ·62	21
28	Sat. 28	8 ·40	14 ·58	22
—29	SUN. 29	9 ·32	15 ·58	23
1	Mon. 30	10 ·24	16 ·47	24
2	Tues. 31	11 ·14	17 ·41	25

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1688. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ☉ **(Surya Sid.) March 28·59.** **Śaka 1590.** **Kaliyuga 4769.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·50.** **(S. Cycle) Kīlaka.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Plavaṅga. **Makara—Tai.** 3	Wed. 1	12 ·05 / 13 ·95	18 ·34	26
4	Thur. 2	14 ·85	19 ·27	27
5	Fri. 3	—**A** ·76	20 ·20	28
6	Sat. 4	1 ·69	21 ·14	29
7	Sun. 5	2 ·62	22 ·10	—30
8	Mon 6	3 ·56	23 ·06	1
9	Tues. 7	4 ·53	24 ·04	2
10	Wed. 8	5 ·52	25 ·04	3
11	Thur. 9	6 ·52	26 ·06	4
12	Fri. 10	7 ·55	27 ·10	5
13	Sat. 11	8 ·61	1 ·16	6
14	Sun. 12	9 ·68	2 ·24	7
15	Mon. 13	10 ·75	3 ·33	8
16	Tues. 14	11 ·84	4 ·43	9
17	Wed. 15	12 ·93	5 ·55	10
18	Thur. 16	.. ...	6 ·65	11
19	Fri. 17	13 ·02	7 ·75	12
20	Sat. 18	14 ·09	8 ·83	13
21	Sun. 19	**P** ·15	9 ·89	14
22	Mon. 20	1 ·17	10 ·93	15
23	Tues. 21	2 ·18	11 ·96	16
24	Wed. 22	3 ·17	12 ·96	17
25	Thur. 23	4 ·15	13 ·94	18
26	Fri. 24	5 ·11	14 ·91	19
27	Sat. 25	6 ·04 / 7 ·96	15 ·86	20
28	Sun. 26	8 ·87	16 ·81	21
—29	Mon. 27	9 ·78	17 ·75	22
1	Tues. 28	10 ·63	18 ·68	23
2	Wed. 29	11 ·58	19 ·60	24
3	Thur. 30	12 ·49	20 ·54	25
4	Fri. 31	13 ·40	21 ·48	26
	Feb.			
Plavaṅga. **Kumbha—Māgi.** 5	Sat. 1	14 ·31	22 ·43	27
6	Sun. 2	—**A** ·24	23 ·39	28
7	Mon. 3	1 ·20	24 ·37	—29
8	Tues. 4	2 ·17	25 ·36	1
9	Wed. 5	3 ·15	26 ·38	2
10	Thur. 6	4 ·16	27 ·42	3
11	Fri. 7	5 ·19	1 ·47	4
12	Sat. 8	6 ·25	2 ·54	5
13	Sun. 9	7 ·31	3 ·63	6
14	Mon. 10	8 ·39	4 ·74	7
15	Tues. 11	9 ·47	5 ·85	8
16	Wed. 12	10 ·55	6 ·95	9
17	Thur. 13	11 ·63	... ...	10
18	Fri. 14	12 ·71	7 ·05	11
19	Sat. 15	13 ·77	8 ·13	12
20	Sun. 16	14 ·80	9 ·20	13
21	Mon. 17	**P** ·81	10 ·26	14
22	Tues. 18	1 ·78	11 ·28	15
23	Wed. 19	2 ·76	12 ·29	16
24	Thur. 20	3 ·71	13 ·27	17
25	Fri. 21	4 ·65	14 ·24	18
26	Sat. 22	5 ·58	15 ·21	19
27	Sun. 23	6 ·48	16 ·15	20
28	Mon. 24	7 ·39	17 ·08	21
29	Tues. 25	8 ·29	18 ·01 / 19 ·94	22
—30	Wed. 26	9 ·19	20 ·88	23
1	Thur. 27	10 ·09	21 ·82	24
2	Fri. 28	11 ·00 / 12 ·92	22 ·77	25
3	Sat. 29	13 ·85	23 ·72	26

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
Plavaṅga. **Mīna—Pāguni.** 4	Sun. 1	14 ·81	24 ·69	27
5	Mon. 2	—**A** ·77	25 ·69	28
6	Tues. 3	1 ·76	26 ·70	29
7	Wed. 4	2 ·76	27 ·73	—30
8	Thur. 5	3 ·80	1 ·78	1
9	Fri. 6	4 ·84	2 ·85	2
10	Sat. 7	5 ·90	3 ·93	3
11	Sun. 8	6 ·98	.. ...	4
12	Mon. 9	... ...	4 ·04	5
13	Tues. 10	7 ·07	5 ·15	6
14	Wed. 11	8 ·17	6 ·25	7
15	Thur. 12	9 ·25	7 ·35	8
16	Fri. 13	10 ·31	8 ·44	9
17	Sat. 14	11 ·38	9 ·52	10
18	Sun. 15	12 ·39	10 ·57	11
19	Mon. 16	13 ·40	11 ·60	12
20	Tues. 17	14 ·38	12 ·61	13
21	Wed. 18	**P** ·35	13 ·60	14
22	Thur. 19	1 ·30	14 ·58	15
23	Fri. 20	2 ·24	15 ·54	16
24	Sat. 21	3 ·15	16 ·49	17
25	Sun. 22	4 ·06 / 5 ·97	17 ·42	18
26	Mon. 23	6 ·86	18 ·35	19
27	Tues. 24	7 ·76	19 ·29	20
28	Wed. 25	8 ·67	20 ·22	21
29	Thur. 26	9 ·58	21 ·16	22
30	Fri. 27	10 ·50	22 ·10	23
—31	Sat. 28	11 ·43	23 ·05	24
1	Sun. 29	12 ·38	24 ·02	25
2	Mon. 30	13 ·34	25 ·01	26
3	Tues. 31	14 ·32	26 ·02	27
	April.			
Kīlaka. **Mēsha—Chittirai.** 4	Wed. 1	—**A** ·32	27 ·04	28
5	Thur. 2	1 ·36	1 ·09	—29
6	Fri. 3	2 ·40	2 ·15	1
7	Sat. 4	3 ·47	3 ·24	2
8	Sun. 5	4 ·55	4 ·34	3
9	Mon. 6	5 ·63	5 ·44	4
10	Tues. 7	6 ·72	6 ·55	5
11	Wed. 8	7 ·80	7 ·65	6
12	Thur. 9	8 ·86	8 ·75	7
13	Fri. 10	9 ·91	9 ·83	8
14	Sat. 11	10 ·95	10 ·88	9
15	Sun. 12	11 ·94	11 ·92	10
16	Mon. 13	12 ·92	12 ·93	11
17	Tues. 14	13 ·89	13 ·94	12
18	Wed. 15	14 ·84	14 ·91	13
19	Thur. 16	**P** ·78	15 ·87	14
20	Fri. 17	1 ·69	16 ·82	15
21	Sat. 18	2 ·61	17 ·76	16
22	Sun. 19	3 ·51	18 ·70	17
23	Mon. 20	4 ·41	19 ·63	18
24	Tues. 21	5 ·30	20 ·56	19
25	Wed. 22	6 ·20	21 ·49	20
26	Thur. 23	7 ·11	22 ·43	21
27	Fri. 24	8 ·02 / 9 ·96	23 ·38	22
28	Sat. 25	10 ·91	24 ·36	23
29	Sun. 26	11 ·87	25 ·34	24
—30	Mon. 27	12 ·85	26 ·34	25
1	Tues. 28	13 ·85	27 ·36	26
2	Wed. 29	14 ·89	1 ·40	27
3	Thur. 30	—**A** ·93	2 ·47	28

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
Kīlaka. **Vṛishabha—Vaigāsi.** 4	Fri. 1	1 ·98	3 ·54	29
5	Sat. 2	... ...	4 ·64	—30
6	Sun. 3	2 ·06	5 ·74	1
7	Mon. 4	3 ·15	6 ·85	2
8	Tues. 5	4 ·23	7 ·96	3
9	Wed. 6	5 ·31	... ...	4
10	Thur. 7	6 ·37	8 ·05	5
11	Fri. 8	7 ·42	9 ·13	6
12	Sat. 9	8 ·45	10 ·19	7
13	Sun. 10	9 ·46	11 ·23	8
14	Mon. 11	10 ·45	12 ·26	9
15	Tues. 12	11 ·41	13 ·26	10
16	Wed. 13	12 ·37	14 ·24	11
17	Thur. 14	13 ·29	15 ·21	12
18	Fri. 15	14 ·20	16 ·16	13
19	Sat.○ 16	**P** ·11	17 ·10	14
20	Sun. 17	1 ·01 / 2 ·91	18 ·04 / 19 ·97	15
21	Mon. 18	3 ·81	20 ·90	16
22	Tues. 19	4 ·71	21 ·83	17
23	Wed. 20	5 ·61	22 ·77	18
24	Thur. 21	6 ·52	23 ·73	19
25	Fri. 22	7 ·45	24 ·69	20
26	Sat. 23	8 ·40	25 ·66	21
27	Sun. 24	9 ·37	26 ·66	22
28	Mon. 25	10 ·35	27 ·67	23
29	Tues. 26	11 ·35	1 ·72	24
30	Wed. 27	12 ·37	2 ·77	25
31	Thur. 28	13 ·42	3 ·85	26
—32	Fri. 29	14 ·48	4 ·94	27
1	Sat. 30	—**A** ·55	... ...	28
2	Sun. 31	1 ·64	5 ·04	—29
	June.			
Kīlaka. **Mithuna—Āni.** 3	Mon. 1	2 ·72	6 ·16	1
4	Tues. 2	3 ·79	7 ·26	2
5	Wed. 3	4 ·85	8 ·36	3
6	Thur. 4	5 ·90	9 ·44	4
7	Fri. 5	6 ·93	10 ·50	5
8	Sat. 6	7 ·94	11 ·56	6
9	Sun 7	8 ·93	12 ·58	7
10	Mon. 8	9 ·90	13 ·59	8
11	Tues. 9	10 ·85	14 ·57	9
12	Wed. 10	11 ·78	15 ·54	10
13	Thur. 11	12 ·70	16 ·49	11
14	Fri. 12	13 ·60	17 ·44	12
15	Sat. 13	14 ·50	18 ·38	13
16	Sun. 14	**P** ·40	19 ·31	14
17	Mon. 15	1 ·30	20 ·24	15
18	Tues. 16	2 ·20	21 ·17	16
19	Wed. 17	3 ·10	22 ·11	17
20	Thur. 18	4 ·01 / 5 ·94	23 ·06	18
21	Fri. 19	6 ·89	24 ·02 / 25 ·99	19
22	Sat. 20	7 ·85	26 ·98	20
23	Sun. 21	8 ·88	... ...	21
24	Mon. 22	9 ·83	27 ·00	22
25	Tues. 23	10 ·85	1 ·03	23
26	Wed. 24	11 ·90	2 ·08	24
27	Thur. 25	12 ·95	3 ·15	25
28	Fri. 26	...	4 ·24	26
29	Sat. 27	13 ·03	5 ·34	27
30	Sun. 28	14 ·11	6 ·45	28
—31	Mon. 29	—**A** ·19	7 ·56	29
1	Tues. 30	1 ·27	8 ·66	—30

Nakshatra:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1668. **Kollam 844,** { **N. Malabar—Sep.** **Hijra 1079.** **Vikrama 1725.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 1.** **Bengal San. 1074.**
P—Paurnimā. **(N. Cycle) Piṅgala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
									Sukla.								
2	Wed.	1	2 ·33	9 ·74	1	1	Tues.	1	5 ·27	16 ·50	4		Sun.	1	8 ·78	23 ·74	6
3	Thur.	2	3 ·38	10 ·81	2	2	Wed.	2	6 ·19	17 ·45	5	2	Mon.	2	9 ·70	24 ·69	7
4	Fri.	3	4 ·41	11 ·87	3	3	Thur.	3	7 ·11	18 ·39	6	3	Tues.	3	10 ·63	25 ·65	8
5	Sat.	4	5 ·43	12 ·90	4				8 ·01			4	Wed.	4	11 ·57	26 ·62	9
			Sukla.			4	Fri.	4	9 ·91	19 ·33	7	5	Thur.	5	12 ·54	27 ·60	10
6	Sun.	5	6 ·41	13 ·91	5										*Sukla.*		
7	Mon.	6	7 ·37	14 ·90	6	5	Sat.	5	10 ·81	20 ·26	8	6	Fri.	6	13 ·52	1 ·62	11
8	Tues.	7	8 ·33	15 ·87	7	6	Sun.	6	11 ·71	21 ·19	9	7	Sat.	7	14 ·53	2 ·65	12
9	Wed.	8	9 ·26	16 ·83	8	7	Mon.	7	12 ·62	22 ·12	10	8	Sun. ○	8	**P** ·55	3 ·69	13
10	Thur.	9	10 ·17	17 ·78	9	8	Tues.	8	13 ·53	23 ·06	11	9	Mon.	9	1 ·60	4 ·76	14
										24 ·01		10	Tues.	10	2 ·66	5 ·85	15
11	Fri.	10	11 ·08 / 12 ·99	18 ·72	10	9	Wed.	9	14 ·46	25 ·98	12	11	Wed.	11	3 ·74	6 ·95	16
			Bahula.						*Bahula.*						*Bahula.*		
12	Sat.	11	13 ·89	19 ·65	11	10	Thur.	10	**P** ·40	26 ·96	13	12	Thur.	12	4 ·83	... ...	17
13	Sun.	12	14 ·79	20 ·58	12	11	Fri.	11	1 ·36	27 ·96	14	13	Fri.	13	5 ·92	7 ·06	18
14	Mon.	13	**P** ·69	21 ·52	13	12	Sat.	12	2 ·34	1 ·97	15	14	Sat.	14	... ...	8 ·17	19
15	Tues.	14	1 ·59	22 ·45	14	13	Sun.	13	3 ·33	... ...	16	15	Sun.	15	6 ·00	9 ·27	20
16	Wed.	15	2 ·49	23 ·39	15	14	Mon.	14	4 ·36	2 ·01	17	16	Mon.	16	7 ·07	10 ·35	21
17	Thur.	16	3 ·42	24 ·35	16	15	Tues.	15	5 ·40	3 ·08	18	17	Tues.	17	8 ·12	11 ·43	22
18	Fri.	17	4 ·37	25 ·32	17	16	Wed.	16	6 ·46	4 ·15	19	18	Wed.	18	9 ·17	12 ·49	23
19	Sat.	18	5 ·33	26 ·31	18	17	Thur.	17	7 ·54	5 ·25	20	19	Thur.	19	10 ·19	13 ·52	24
20	Sun.	19	6 ·31	27 ·32	19	18	Fri.	18	8 ·63	6 ·35	21	20	Fri.	20	11 ·17	14 ·53	25
21	Mon.	20	7 ·31	1 ·34	20	19	Sat.	19	9 ·71	7 ·45	22	21	Sat.	21	12 ·14	15 ·52	26
22	Tues.	21	8 ·33	2 ·39	21	20	Sun.	20	10 ·79	8 ·56	23	22	Sun.	22	13 ·10	16 ·50	27
23	Wed.	22	9 ·36	3 ·46	22	21	Mon.	21	11 ·86	9 ·66	24	23	Mon.	23	14 ·04 / **A** ·97	17 ·46	28
24	Thur.	23	10 ·42	4 ·55	23	22	Tues.	22	12 ·91	10 ·74	25	24	Tues.	24	1 ·88	18 ·41	—29
25	Fri.	24	11 ·50	5 ·65	24	23	Wed.	23	13 ·95	11 ·81	26	25	Wed.	25	2 ·79	19 ·35	1
26	Sat.	25	12 ·58	6 ·75	25	24	Thur.	24	14 ·97	12 ·85	27	26	Thur.	26	3 ·69	20 ·28	2
27	Sun.	26	13 ·67	7 ·86	26	25	Fri.	25	—**A** ·96	13 ·88	28	27	Fri.	27	4 ·59	21 ·21	3
28	Mon.	27	14 ·74	8 ·98	27	26	Sat.	26	1 ·93	14 ·88	—29	28	Sat.	28	5 ·49	22 ·15	4
29	Tues.	28	—**A** ·80	... ...	28	27	Sun.	27	2 ·88	15 ·87	1	29	Sun.	29	6 ·40	23 ·08	5
30	Wed.	29	1 ·86	9 ·05	—29	28	Mon.	28	3 ·82	16 ·83	2	—30					
31	Thur.	30	2 ·89	10 ·13	1	29	Tues.	29	4 ·74	17 ·79	3					24 ·02	
—32	Fri.	31	3 ·91	11 ·19	2	—30	Wed.	30	5 ·67	18 ·73	4	1	Mon.	30	7 ·32	25 ·98	6
	Aug.						**Oct.**						**Dec.**				
1	Sat.	1	4 ·89	12 ·22	3	1	Thur.	1	6 ·57	19 ·67	5	2	Tues.	1	8 ·25	26 ·94	7
2	Sun.	2	5 ·87	13 ·23	4	2	Fri.	2	7 ·47	20 ·60	6	3	Wed.	2	9 ·21	27 ·94	8
3	Mon.	3	6 ·82	14 ·22	5	3	Sat.	3	8 ·37	21 ·53	7	4	Thur.	3	10 ·17	1 ·94	9
4	Tues.	4	7 ·76	15 ·21	6	4	Sun.	4	9 ·27	22 ·46	8	5	Fri.	4	11 ·16	2 ·96	10
5	Wed.	5	8 ·67	16 ·17	7	5	Mon.	5	10 ·18	23 ·40	9	6	Sat.	5	12 ·17	... ...	11
			Sukla.			6	Tues.	6	11 ·09	24 ·35	10	7	Sun.	6	13 ·19	3 ·00	12
6	Thur.	6	9 ·58	17 ·12	8				12 ·03			8	Mon.	7	14 ·24	4 ·07	13
				18 ·05		7	Wed.	7		25 ·31	11	9	Tues.	8	**P** ·31	5 ·16	14
7	Fri.	7	10 ·49	19 ·98	9				13 ·97			10	Wed.	9	1 ·40	6 ·25	15
									Śukla.						*Śukla.*		
8	Sat.	8	11 ·38	20 ·92	10	8	Thur.	8	14 ·93	26 ·29	12	11	Thur.	10	2 ·48	7 ·36	16
9	Sun.	9	12 ·28	21 ·85	11	9	Fri.	9	**P** ·91	27 ·28	13	12	Fri.	11	3 ·57	8 ·46	17
10	Mon.	10	13 ·18	22 ·79	12	10	Sat.	10	1 ·92	1 ·29	14	13	Sat.	12	4 ·65	9 ·57	18
11	Tues.	11	14 ·09	23 ·73	13	11	Sun.	11	2 ·94	2 ·33	15	14	Sun.	13	5 ·72	10 ·66	19
			P ·00			12	Mon.	12	3 ·98	3 ·38	16	15	Mon.	14	6 ·77	11 ·74	20
12	Wed.	12	1 ·93	24 ·68	14	13	Tues.	13	... ...	4 ·46	17	16	Tues.	15	7 ·81	12 ·80	21
			Śrāvaṇa.			14	Wed.	14	4 ·05	5 ·55	18	17	Wed.	16	8 ·83	13 ·84	22
13	Thur.	13	2 ·86	25 ·65	15	15	Thur.	15	5 ·12	6 ·65	19	18	Thur.	17	9 ·82	14 ·85	23
14	Fri.	14	3 ·82	26 ·64	16	16	Fri.	16	6 ·21	7 ·76	20	19	Fri.	18	10 ·80	15 ·85	24
15	Sat.	15	4 ·81	27 ·64	17	17	Sat.	17	7 ·29	8 ·87	21	20	Sat.	19	11 ·74	16 ·83	25
16	Sun.	16	5 ·81	1 ·66	18	18	Sun.	18	8 ·38	9 ·97	22	21	Sun.	20	12 ·68	17 ·80	26
17	Mon.	17	6 ·83	2 ·70	19	19	Mon.	19	9 ·45	... ...	23	22	Mon.	21	13 ·61	18 ·75	27
18	Tues.	18	7 ·87	3 ·76	20	20	Tues.	20	10 ·50	10 ·05	24	23	Tues.	22	14 ·52	19 ·68	28
19	Wed.	19	8 ·93	4 ·85	21	21	Wed.	21	11 ·54	11 ·12	25	24	Wed.	23	—**A** ·42	20 ·62	29
20	Thur.	20	9 ·99	5 ·95	22	22	Thur.	22	12 ·56	12 ·17	26	25	Thur.	24	1 ·32	21 ·56	—30
21	Fri.	21	... ...	... ...	23	23	Fri.	23	13 ·55	13 ·20	27	26	Fri.	25	2 ·23	22 ·49	1
22	Sat.	22	10 ·07	6 ·05	24	24	Sat.	24	14 ·52	14 ·21	28	27	Sat.	26	3 ·13	23 ·42	2
23	Sun.	23	11 ·17	7 ·16	25	25	Sun.	25	—**A** ·48	15 ·19	29				4 ·04		
24	Mon.	24	12 ·25	8 ·26	26	26	Mon.	26	1 ·42	16 ·16	—30	28	Sun.	27	5 ·96	24 ·36	3
25	Tues.	25	13 ·32	9 ·36	27	27	Tues.	27	2 ·35	17 ·12	1				*Sukla.*		
26	Wed.	26	14 ·37	10 ·44	28	28	Wed.	28	3 ·26	18 ·07	2	—29	Mon.	28	6 ·90	25 ·31	4
27	Thur.	27	—**A** ·41	11 ·50	29					19 ·01		1	Tues.	29	7 ·85	26 ·28	5
28	Fri.	28	1 ·43	12 ·54	—30	29	Thur.	29	4 ·16	20 ·94	3	2	Wed.	30	8 ·82	27 ·26	6
29	Sat.	29	2 ·41	13 ·55	1				*Śukla.*			3	Thur.	31	9 ·81	1 ·26	7
30	Sun.	30	3 ·38	14 ·56	2				5 ·08								
—31	Mon.	31	4 ·33	15 ·54	3	—30	Fri.	30	6 ·96	21 ·87	4						
						1	Sat.	31	7 ·87	22 ·80	5						

Kilaka. **Karkaṭaka—Ādi.** *H.* 1079 *Śafar.* **Nija Āshādha.** **Kanyā—Purattāśi.** *Kilaka.* *H.* 1079 *Rabī-ul awwal.* *Kilaka.* *H.* 1079 *Rabi-al ākhir.* *Kilaka.* **Vrischika—Kārttigai.** *Kilaka.* *H.* 1079 *Jamāda'l awwal.* *Kilaka.* **Simha—Avani.** **Tulā—Aippasi.** *H.* 1079 *Rabī-ul awwal.* *Kilaka.* **Dhanus—Mārgali.** *Kilaka.* **Kārttika.** *H.* 1079 *Jamāda'l ākhir.* *Kilaka.* **Mārgaśirsha.** *H.* 1079 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1669. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·35.** **Śaka 1591.** **Kaliyuga 4770.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·16.** **(S. Cycle) Saumya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Kīlaka.	**Jan.**						**March.**						**May.**				
						4	Mon.	1	9 ·22	6 ·15	8	3	Sat.	1	11 ·76	12 ·35	10
						5	Tues.	2	10 ·30	7 ·25	9	4	Sun.	2	12 ·77	13 ·41	11
						6	Wed.	3	11 ·39	8 ·37	10	5	Mon.	3	13 ·78	14 ·45	12
						7	Thur.	4	12 ·47	9 ·47	11	6	Tues.	4	14 ·76	15 ·47	13
						8	Fri.	5	13 ·55	10 ·57	12	7	Wed.	5	**P** ·74	16 ·47	14
						9	Sat.	6	14 ·61	11 ·66	13	8	Thur.	6	1 ·67	17 ·46	15
						10	Sun.	7	**P** ·66	12 ·73	14	9	Fri.	7	2 ·59	18 ·42	16
						11	Mon.	8	1 ·69	13 ·79	15	10	Sat.	8	3 ·52	19 ·38	17
						12	Tues.	9	2 ·69	14 ·82	16	11	Sun.	9	4 ·42	20 ·32	18
						13	Wed.	10	3 ·68	15 ·83	17	12	Mon.	10	5 ·33	21 ·25	19
						14	Thur.	11	4 ·65	16 ·82	18	13	Tues.	11	6 ·23	22 ·19	20
						15	Fri.	12	5 ·60	17 ·79	19	14	Wed.	12	7 ·12	23 ·12	21
						16	Sat.	13	6 ·53	18 ·75	20	15	Thur.	13	8 ·02	24 ·05	22
						17	Sun.	14	7 ·45	19 ·70	21				9 ·92	25 ·99	
						18	Mon.	15	8 ·36	20 ·64	22	16	Fri.	14	10 ·85	26 ·94	23
						19	Tues.	16	9 ·26	21 ·57	23	17	Sat.	15	11 ·78	27 ·91	24
						20	Wed.	17	10 ·16	22 ·50	24	18	Sun.	16	12 ·73	1 ·88	25
						21	Thur.	18	11 ·06	23 ·43	25	19	Mon.	17	13 ·69	2 ·88	26
									12 ·97			20	Tues.	18	14 ·68	3 ·89	27
						22	Fri.	19	13 ·88	24 ·38	26	21	Wed.	19	**A** ·67	4 ·93	28
						23	Sat.	20	14 ·80	25 ·32	27	22	Thur.	20	1 ·70	5 ·99	29
						24	Sun	21	**A** ·73	26 ·27	28	23	Fri.	21	2 ·75	... ...	30
						25	Mon.	22	1 ·68	27 ·24	29	24	Sat.	22	3 ·81	6 ·07	1
						26	Tues.	23	2 ·65	1 ·22	1	25	Sun.	23	4 ·89	7 ·16	2
						27	Wed.	24	3 ·62	2 ·44	2	26	Mon.	24	5 ·97	8 ·26	3
						28	Thur.	25	4 ·64	3 ·26	3	27	Tues.	25	... ...	9 ·37	4
						29	Fri.	26	5 ·67	4 ·31	4	28	Wed.	26	6 ·06	10 ·48	5
						30	Sat.	27	6 ·73	5 ·37	5	29	Thur.	27	7 ·13	11 ·58	6
						31	Sun.	28	7 ·80	6 ·45	6	30	Fri.	28	8 ·19	12 ·66	7
						1	Mon.	29	8 ·87	7 ·56	7	31	Sat.	29	9 ·24	13 ·72	8
						2	Tues.	30	9 ·96	8 ·67	8	1	Sun.	30	10 ·26	14 ·77	9
						3	Wed.	31	... ...	9 ·77	9	2	Mon.	31	11 ·28	15 ·79	10
	Feb.						**April.**						**June.**				
						4	Thur.	1	10 ·03	10 ·87	10	3	Tues.	1	12 ·23	16 ·81	11
						5	Fri.	2	11 ·11	11 ·96	11	4	Wed.	2	13 ·23	17 ·79	12
						6	Sat.	3	12 ·17	... ...	12	5	Thur.	3	14 ·17	18 ·76	13
						7	Sun.	4	13 ·23	12 ·05	13	6	Fri.	4	**P** ·10	19 ·71	14
						8	Mon.	5	14 ·25	13 ·10	14	7	Sat.	5	1 ·02	20 ·65	15
						9	Tues.	6	**P** ·25	14 ·14	15				2 ·92		
						10	Wed.	7	1 ·24	15 ·15	16	8	Sun.	6	3 ·82	21 ·60	16
						11	Thur.	8	2 ·20	16 ·15	17	9	Mon.	7	4 ·79	22 ·53	17
						12	Fri.	9	3 ·15	17 ·12	18	10	Tues.	8	5 ·62	23 ·46	18
						13	Sat.	10	4 ·08	18 ·09	19	11	Wed.	9	6 ·52	24 ·39	19
						14	Sun.	11	5 ·01	19 ·04	20	12	Thur.	10	7 ·42	25 ·33	20
									6 ·91	20 ·98		13	Fri.	11	8 ·34	26 ·28	21
						15	Mon.	12	7 ·81	21 ·91	21	14	Sat.	12	9 ·27	27 ·24	22
						16	Tues.	13	8 ·71	22 ·84	22	15	Sun.	13	10 ·21	1 ·21	23
						17	Wed.	14	9 ·61	23 ·78	23	16	Mon.	14	11 ·17	2 ·20	24
						18	Thur.	15	10 ·51	24 ·71	24	17	Tues.	15	12 ·15	3 ·21	25
						19	Fri.	16	11 ·42	25 ·65	25	18	Wed.	16	13 ·15	4 ·24	26
						20	Sat.	17	12 ·34	26 ·60	26	19	Thur.	17	14 ·18	5 ·30	27
						21	Sun.	18	13 ·27	27 ·57	27	20	Fri.	18	**A** ·22	6 ·37	28
						22	Mon.	19	14 ·22	1 ·56	28	21	Sat.	19	1 ·29	7 ·46	29
						23	Tues ●	20	**A** ·18	2 ·56	29	22	Sun.	20	2 ·36	8 ·56	30
						24	Wed.	21	1 ·16	3 ·58	30	23	Mon.	21	3 ·44	9 ·66	1
						25	Thur.	22	2 ·17	4 ·62	1	24	Tues.	22	4 ·52	10 ·78	2
						26	Fri.	23	3 ·20	5 ·68	2	25	Wed.	23	5 ·60	11 ·88	3
						27	Sat.	24	4 ·26	6 ·77	3	26	Thur.	24	6 ·67	12 ·97	4
						28	Sun.	25	5 ·32	7 ·86	4	27	Fri.	25	7 ·71	... ...	5
						29	Mon.	26	6 ·39	8 ·96	5	28	Sat.	26	8 ·74	13 ·03	6
						30	Tues.	27	7 ·47	... ...	6	29	Sun.	27	9 ·75	14 ·08	7
						31	Wed.	28	8 ·55	9 ·07	7	30	Mon.	28	10 ·73	15 ·12	8
						1	Thur.	29	9 ·63	10 ·17	8	31	Tue.	29	11 ·70	16 ·13	9
						2	Fri.	30	10 ·70	11 ·27	9	32	Wed.	30	12 ·64	17 ·12	10

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1669. **Kollam 845,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1080.** Commences **May 22.** **Vikrama 1726.** **Bengal San. 1075.** **(N. Cycle) Kālayukta.**

A—Amāvāsyā. Commences
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Saumya. **Karkataka—Ādi.**	Thur.	1	13 ·57	18 ·09	11	*Saumya.* **Kanyā—Purattāsi.**	Wed.	1	2 ·83	26 ·28	14	*Saumya.* **Vṛischika—Kārttigai.**	Mon.	1	4 ·84	6 ·91	16
	Fri.	2	14 ·49	19 ·05	12		Thur.	2	3 ·76	27 ·23	15		Tues.	2	5 ·89	7 ·98	17
	Sat.	3	P ·40	20 ·00 } 21 ·94 }	13		Fri.	3	4 ·71	1 ·19	16		Wed.	3	6 ·96	... ...	18
	Sun.	4	1 ·30	22 ·87	14		Sat.	4	5 ·67	2 ·18	17		Thur.	4	... ...	8 ·07	19
	Mon.	5	2 ·20	23 ·80	15		Sun.	5	6 ·65	3 ·18	18		Fri.	5	7 ·05	9 ·16	20
	Tues.	6	3 ·09	24 ·73	16		Mon.	6	7 ·66	4 ·19	19		Sat.	6	8 ·14	10 ·27	21
	Wed.	7	4 ·99	25 ·67	17		Tues.	7	8 ·68	5 ·23	20		Sun.	7	9 ·22	11 ·39	22
	Thur.	8	5 ·90	26 ·61	18		Wed.	8	9 ·72	6 ·29	21		Mon.	8	10 ·29	12 ·49	23
	Fri.	9	6 ·81	27 ·57	19		Thur.	9	10 ·77	7 ·37	22		Tues.	9	11 ·36	13 ·57	24
	Sat.	10	7 ·74	1 ·54	20		Fri.	10	11 ·85	8 ·47	23		Wed.	10	12 ·42	14 ·65	25
	Sun.	11	8 ·69	2 ·52	21		Sat.	11	12 ·94	9 ·57	24		Thur.	11	13 ·46	15 ·70	26
	Mon.	12	9 ·66	3 ·53	22		Sun.	12	... ...	10 ·67	25		Fri.	12	14 ·47	16 ·74	27
	Tues.	13	10 ·63	4 ·58	23		Mon.	13	13 ·02	11 ·78	26		Sat.	13	—A ·45	17 ·75	28
	Wed.	14	11 ·63	5 ·61	24		Tues.	14	14 ·10	12 ·88	27		Sun.	14	1 ·43	18 ·74	—29
	Thur.	15	12 ·66	6 ·68	25		Wed.	15	—A ·17	13 ·97	28		Mon.	15	2 ·38	19 ·71	1
	Fri.	16	13 ·70	7 ·76	26		Thur.	16	1 ·23	... ..	—29		Tues.	16	3 ·33	20 ·67	2
	Sat.	17	—A ·83	8 ·86	27		Fri.	17	2 ·26	14 ·03	1		Wed.	17	4 ·25	21 ·63	3
	Sun.	18	1 ·91	9 ·97	28		Sat.	18	3 ·28	15 ·07	2		Thur.	18	5 ·17	22 ·57	4
	Mon.	19	2 ·99	... ...	—29		Sun.	19	4 ·26	16 ·09	3				6 ·07		
	Tues	20	... ...	10 ·08	1		Mon.	20	5 ·24	17 ·09	4		Fri.	19	7 ·96	23 ·50	5
	Wed.	21	3 ·07	11 ·18	2		Tues.	21	6 ·19	18 ·09	5		Sat.	20	8 ·87	24 ·43	6
	Thur.	22	4 ·14	12 ·27	3		Wed.	22	7 ·12	19 ·05	6		Sun.	21	9 ·78	25 ·36	7
	Fri.	23	5 ·18	13 ·35	4		Thur.	23	8 ·04 } 9 ·95 }	20 ·01 } 21 ·93 }	7		Mon.	22	10 ·69	26 ·30	8
	Sat.	24	6 ·22	14 ·41	5		Fri.	24	10 ·86	22 ·88	8		Tues.	23	11 ·60	27 ·24	9
	Sun.	25	7 ·23	15 ·44	6		Sat.	25	11 ·76	23 ·82	9		Wed.	24	12 ·53	1 ·20	10
	Mon.	26	8 ·22	16 ·45	7		Sun.	26	12 ·67	24 ·75	10		Thur.	25	13 ·49	2 ·16	11
	Tues.	27	9 ·18	17 ·44	8		Mon.	27	13 ·56	25 ·68	11		Fri.	26	14 ·46	3 ·15	12
	Wed.	28	10 ·13	18 ·42	9		Tues.	28	14 ·47	26 ·62	12		Sat.	27	P ·44	4 ·15	13
	Thur.	29	11 ·07 } 12 ·99 }	19 ·39	10		Wed.	29	P ·39	27 ·57	13		Sun.	28	1 ·45	5 ·13	14
	Fri.	30	13 ·89	20 ·33	11		Thur.	30	1 ·32	1 ·53	14	——	Mon.	29	2 ·49	6 ·22	15
——	Sat.	31	14 ·79	21 ·27	12								Tues.	30	3 ·53	7 ·29	16
	Aug.						**Oct.**						**Dec.**				
Simha—Āvaṇi.	Sun.	1	P ·69	22 ·20	13		Fri.	1	2 ·27	2 ·51	15		Wed.	1	4 ·60	8 ·37	17
	Mon.	2	1 ·59	23 ·13	14	——	Sat.	2	3 ·23	3 ·50	16		Thur.	2	5 ·69	9 ·46	18
	Tues.	3	2 ·50	24 ·06	15		Sun.	3	4 ·22	4 ·51	17		Fri.	3	6 ·78	10 ·57	19
	Wed.	4	3 ·39	25 ·00 } 26 ·95 }	16		Mon.	4	5 ·22	5 ·54	18		Sat.	4	7 ·86	11 ·68	20
	Thur.	5	4 ·31	27 ·90	17		Tues.	5	6 ·24	6 ·60	19		Sun.	5	8 ·94	12 ·79	21
	Fri.	6	5 ·24	1 ·87	18		Wed.	6	7 ·28	7 ·68	20		Mon.	6	... ...	13 ·88	22
	Sat.	7	6 ·18	2 ·85	19		Thur.	7	8 ·34	8 ·77	21		Tues.	7	9 ·01	14 ·95	23
	Sun.	8	7 ·15	3 ·86	20		Fri.	8	9 ·42	9 ·87	22		Wed.	8	10 ·07	... ...	24
	Mon.	9	8 ·12	4 ·88	21		Sat.	9	10 ·51	10 ·97	23		Thur.	9	11 ·11	15 ·02	25
	Tues.	10	9 ·13	5 ·92	22		Sun.	10	11 ·60	... ...	24		Fri.	10	12 ·11	16 ·06	26
	Wed.	11	10 ·15	6 ·98	23		Mon.	11	12 ·68	11 ·08	25		Sat.	11	13 ·10	17 ·07	27
	Thur.	12	11 ·20	... ...	24		Tues.	12	13 ·75	12 ·19	26		Sun.	12	14 ·06	18 ·07	28
	Fri.	13	12 ·26	7 ·06	25		Wed.	13	14 ·81	13 ·27	27				A ·02		
	Sat.	14	13 ·32	8 ·16	26		Thur.	14	—A ·84	14 ·34	28		Mon.	13	1 ·96	19 ·05	29
	Sun.	15	14 ·40	9 ·27	27		Fri.	15	1 ·86	15 ·38	29		Tues.	14	2 ·88	20 ·02 } 21 ·96 }	—30
	Mon.	16	—A ·50	10 ·38	28		Sat.	16	2 ·84	16 ·41	—30		Wed.	15	3 ·80	22 ·00	1
	Tues.	17	1 ·58	11 ·48	29		Sun.	17	3 ·81	17 ·43	1		Thur.	16	4 ·70	23 ·84	2
	Wed.	18	2 ·64	12 ·57	—30		Mon.	18	4 ·77	18 ·41	2		Fri.	17	5 ·60	24 ·77	3
	Thur.	19	3 ·69	13 ·66	1		Tues.	19	5 ·71	19 ·38	3		Sat.	18	6 ·51	25 ·71	4
	Fri.	20	4 ·71	14 ·72	2		Wed.	20	6 ·63	20 ·34	4		Sun.	19	7 ·42	26 ·64	5
	Sat.	21	5 ·73	15 ·76	3		Thur.	21	7 ·54	21 ·28	5		Mon.	20	8 ·32	27 ·58	6
	Sun.	22	6 ·72	16 ·77	4		Fri.	22	8 ·45	22 ·23	6		Tues.	21	9 ·25	1 ·53	7
	Mon.	23	7 ·69	17 ·77	5		Sat.	23	9 ·35	23 ·16	7		Wed.	22	10 ·18	2 ·49	8
	Tues.	24	8 ·65	18 ·75	6		Sun.	24	10 ·25	24 ·09	8		Thur.	23	11 ·13	3 ·47	9
	Wed.	25	9 ·58	19 ·72	7		Mon.	25	11 ·15	25 ·02 } 26 ·95 }	9		Fri.	24	12 ·09	4 ·48	10
	Thur.	26	10 ·50	20 ·67	8								Sat.	25	13 ·09	5 ·50	11
	Fri.	27	11 ·41	21 ·61	9		Tues.	26	12 ·07 } 13 ·99 }	27 ·90	10		Sun.	26	14 ·10	6 ·53	12
	Sat.	28	12 ·30	22 ·54	10		Wed.	27	14 ·91	1 ·86	11		Mon.	27	P ·13	7 ·59	13
	Sun.	29	13 ·20	23 ·47	11		Thur.	28	P ·86	2 ·83	12	——	Tues.	28	1 ·18	8 ·67	14
	Mon.	30	14 ·10	24 ·40	12		Fri.	29	1 ·82	3 ·82	13		Wed.	29	2 ·25	9 ·77	15
——	Tues.	31	P ·01 } 1 ·91 }	25 ·34	13		Sat.	30	2 ·82	4 ·83	14		Thur.	30	3 ·33	10 ·88	16
						——	Sun.	31	3 ·82	5 ·87	15		Fri.	31	4 ·43	11 ·98	17

H. 1080 *Safar.* | *H.* 1080 *Rabī-ul awwal.* | *H.* 1080 *Rabī-ul ākhir.* | *H.* 1080 *Jamāda'l awwal.* | *H.* 1080 *Jamāda'l ākhir.* | *H.* 1080 *Rajab.* | *H.* 1080 *Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1670. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·11.** **Śaka 1592.** **Kaliyuga 4771.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·02.** **(S. Cycle) Sādhārana.**

Cyclic sidereal year, month and day	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Saumya. **Makara—Tai.**	**Jan.**				
4	Sat.	1	5 ·51	... ...	18
5	Sun.	2	6 ·59	12 ·09	19
6	Mon.	3	7 ·67	13 ·18	20
7	Tues.	4	8 ·72	14 ·27	21
8	Wed.	5	9 ·75	15 ·33	22
9	Thur.	6	10 ·75	16 ·37	23
10	Fri.	7	11 ·75	17 ·39	24
11	Sat.	8	12 ·71	18 ·39	25
12	Sun.	9	13 ·67	19 ·38	26
13	Mon.	10	14 ·61	20 ·35	27
14	Tues.	11	—**A** ·53	21 ·30	28
15	Wed.	12	1 ·43	22 ·24	—29
16	Thur.	13	2 ·33	23 ·17	1
17	Fri.	14	3 ·25	24 ·10	2
18	Sat.	15	4 ·14	25 ·04 26 ·98	3
19	Sun.	16	*Sukla.* 5 ·04 6 ·96	27 ·91	4
20	Mon.	17	7 ·89	1 ·86	5
21	Tues.	18	8 ·82	2 ·82	6
22	Wed.	19	9 ·77	3 ·81	7
23	Thur.	20	10 ·74	4 ·80	8
24	Fri.	21	11 ·73	5 ·81	9
25	Sat.	22	12 ·74	6 ·85	10
26	Sun.	23	13 ·78	7 ·90	11
27	Mon	24	14 ·83	8 ·98	12
28	Tues.	25	**P** ·90	... ...	13
29	Wed.	26	1 ·98	9 ·07	14
—30	Thur.	27	... ...	10 ·17	15
1	Fri.	28	2 ·07	11 ·28	16
2	Sat.	29	3 ·16	12 ·39	17
3	Sun.	30	4 ·24	13 ·49	18
4	Mon.	31	5 ·31	14 ·58	19
	Feb.				
5	Tues.	1	6 ·36	15 ·64	20
6	Wed.	2	7 ·38	16 ·69	21
7	Thur.	3	8 ·39	17 ·71	22
8	Fri.	4	9 ·38	18 ·73	23
9	Sat.	5	10 ·34	19 ·71	24
10	Sun.	6	11 ·29	20 ·68	25
11	Mon.	7	12 ·22	21 ·63	26
12	Tues.	8	13 ·15	22 ·58	27
Saumya. **Kumbha—Māgha.** 13	Wed.	9	14 ·06 **A** ·97	23 ·51	28
14	Thur.	10	1 ·86	24 ·45	29
15	Fri.	11	2 ·76	25 ·38	—30
16	Sat.	12	3 ·66	26 ·31	1
17	Sun.	13	4 ·58	27 ·25	2
18	Mon.	14	5 ·50	1 ·19	3
19	Tues.	15	6 ·43	2 ·16	4
20	Wed.	16	7 ·39	3 ·13	5
21	Thur.	17	8 ·36	4 ·12	6
22	Fri.	18	9 ·35	5 ·13	7
23	Sat.	19	10 ·36	6 ·16	8
24	Sun.	20	11 ·40	7 ·22	9
25	Mon.	21	12 ·45	8 ·29	10
26	Tues.	22	13 ·52	9 ·37	11
27	Wed.	23	14 ·60	10 ·47	12
28	Thur.	24	**P** ·69	11 ·58	13
29	Fri.	25	1 ·78	12 ·69	14
—30	Sat.	26	2 ·86	13 ·79	15
1	Sun.	27	3 ·92	14 ·88	16
2	Mon.	28	4 ·97	15 ·95	17

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Saumya. **Mīna—Panguni.**	**March.**				
3	Tues.	1	5 ·99	... ...	18
4	Wed.	2	... ...	16 ·00	19
5	Thur.	3	*Bahula.* 6 ·00 7 ·98	17 ·03	20
6	Fri.	4	8 ·95	18 ·05	21
7	Sat.	5	9 ·89	19 ·04	22
8	Sun.	6	10 ·82	20 ·01 21 ·97	23
9	Mon.	7	11 ·74	22 ·91	24
10	Tues.	8	12 ·65	23 ·86	25
11	Wed.	9	13 ·56	24 ·79	26
12	Thur.	10	14 ·46	25 ·72	27
13	Fri.	11	—**A** ·36	26 ·65	28
14	Sat.	12	1 ·26	27 ·59	—29
15	Sun.	13	2 ·18	1 ·54	1
16	Mon.	14	3 ·09	2 ·49	2
17	Tues.	15	*Sukla.* 4 ·02 5 ·98	3 ·46	3
18	Wed.	16	6 ·95	4 ·44	4
19	Thur.	17	7 ·94	5 ·45	5
20	Fri.	18	8 ·94	6 ·48	6
21	Sat.	19	9 ·98	7 ·53	7
22	Sun.	20	... ...	8 ·59	8
23	Mon.	21	10 ·03	9 ·67	9
24	Tues.	22	11 ·11	10 ·77	10
25	Wed.	23	12 ·19	11 ·88	11
26	Thur.	24	13 ·27	12 ·99	12
27	Fri.	25	14 ·36	... ...	13
28	Sat.○	26	**P** ·44	13 ·09	14
29	Sun.	27	1 ·50	14 ·18	15
—30	Mon.	28	2 ·54	15 ·26	16
1	Tues.	29	3 ·57	16 ·32	17
2	Wed.	30	4 ·57	17 ·36	18
3	Thur.	31	5 ·55	18 ·37	19
	April.				
4	Fri.	1	6 ·51	19 ·37	20
5	Sat.	2	7 ·45	20 ·34	21
6	Sun.	3	8 ·39	21 ·30	22
7	Mon.	4	9 ·30	22 ·26	23
8	Tues.	5	10 ·21	23 ·20	24
9	Wed.	6	11 ·11	24 ·13	25
10	Thur.	7	12 ·01 13 ·91	25 ·06 26 ·99	26
11	Fri.	8	14 ·81	27 ·93	27
12	Sat.	9	—**A** ·72	1 ·87	28
13	Sun.	10	1 ·64	2 ·82	29
14	Mon.	11	2 ·58	3 ·79	—30
15	Tues.	12	3 ·53	4 ·77	1
16	Wed.	13	4 ·49	5 ·78	2
17	Thur.	14	5 ·48	6 ·80	3
18	Fri.	15	6 ·48	7 ·84	4
19	Sat.	16	*Sukla.* 7 ·52	8 ·90	5
20	Sun.	17	8 ·57	9 ·98	6
21	Mon.	18	9 ·65	... ...	7
22	Tues.	19	10 ·73	10 ·07	8
23	Wed.	20	11 ·81	11 ·18	9
24	Thur.	21	12 ·88	12 ·29	10
25	Fri.	22	13 ·96	13 ·39	11
26	Sat.	23	... ...	14 ·49	12
27	Sun.	24	14 ·03	15 ·57	13
28	Mon.	25	**P** ·07	16 ·63	14
29	Tues.	26	1 ·10	17 ·67	15
30	Wed.	27	2 ·09	18 ·69	16
—31	Thur.	28	3 ·08	19 ·69	17
1	Fri.	29	4 ·04 5 ·98	20 ·67	18
2	Sat.	30	6 ·92	21 ·64	19

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Sādhārana. **Vrishabha—Vaigāsi.**	**May.**				
3	Sun.	1	*Bahula.* 7 ·83 8 ·74	22 ·60	20
4	Mon.	2	9 ·63	23 ·54	21
5	Tues.	3	10 ·53	24 ·47	22
6	Wed.	4	11 ·43	25 ·40	23
7	Thur.	5	12 ·33	26 ·34	24
8	Fri.	6	13 ·24	27 ·27	25
9	Sat.	7	14 ·15	1 ·21	26
10	Sun.	8	—**A** ·09	2 ·16	27
11	Mon.	9	1 ·05	3 ·12	28
12	Tues.	10	2 ·01 3 ·99	4 ·09	—29
13	Wed.	11	... ...	5 ·10	1
14	Thur.	12	*Sukla.* 4 ·00	6 ·11	2
15	Fri.	13	5 ·04	7 ·15	3
16	Sat.	14	6 ·08	8 ·20	4
17	Sun.	15	7 ·15	9 ·28	5
18	Mon.	16	8 ·23	10 ·38	6
19	Tues.	17	9 ·31	11 ·48	7
20	Wed.	18	10 ·39	12 ·59	8
21	Thur.	19	11 ·47	13 ·69	9
22	Fri.	20	12 ·53	14 ·79	10
23	Sat.	21	13 ·56	15 ·88	11
24	Sun.	22	14 ·59	16 ·94	12
25	Mon.	23	**P** ·59	17 ·99	13
26	Tues.	24	1 ·58	... ...	14
27	Wed.	25	2 ·54	18 ·01	15
28	Thur.	26	3 ·49	19 ·02 20 ·01	16
29	Fri.	27	4 ·41	21 ·98	17
30	Sat.	28	5 ·33	22 ·93	18
—31	Sun.	29	6 ·23	23 ·87	19
1	Mon.	30	7 ·12	24 ·81	20
2	Tues.	31	8 ·00	25 ·75	21
	June.				
3	Wed.	1	8 ·08 9 ·93	26 ·68	22
4	Thur.	2	10 ·83	27 ·61	23
5	Fri.	3	11 ·74	1 ·54	24
6	Sat.	4	12 ·66	2 ·49	25
7	Sun.	5	13 ·58	3 ·45	26
8	Mon.	6	14 ·53	4 ·43	27
9	Tues.	7	—**A** ·50	5 ·42	28
10	Wed.	8	1 ·48	6 ·43	29
11	Thur.	9	2 ·48	7 ·46	—30
12	Fri.	10	3 ·51	8 ·51	1
13	Sat.	11	4 ·56	9 ·59	2
14	Sun.	12	5 ·62	10 ·68	3
15	Mon.	13	6 ·69	11 ·78	4
16	Tues.	14	7 ·78	12 ·89	5
17	Wed.	15	8 ·86	13 ·99	6
18	Thur.	16	9 ·94	... ...	7
19	Fri.	17	... ...	14 ·10	8
20	Sat.	18	10 ·00	15 ·19	9
21	Sun.	19	11 ·04	16 ·25	10
22	Mon.	20	12 ·07	17 ·30	11
23	Tues.	21	13 ·07	18 ·33	12
24	Wed.	22	14 ·06	19 ·35	13
25	Thur.	23	**P** ·02 1 ·97	20 ·34	14
26	Fri.	24	2 ·89	21 ·31	15
27	Sat.	25	3 ·81	22 ·26	16
28	Sun.	26	4 ·71	23 ·21	17
29	Mon.	27	5 ·61	24 ·14	18
30	Tues.	28	6 ·51	25 ·08	19
31	Wed.	29	7 ·41	26 ·01 27 ·94	20
—32	Thur.	30	8 ·31	1 ·88	21

Sāmānya. **Mithuna—Āni.** — *Bahula.* — *Sukla.* — **Āshādha.** — **Jyeshtha.** — *Bahula.* — *Sukla.* — *Bahula.*

Nakṣh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bh... 27. Rev.

A.D. 1670. **Kollam 846,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1081.** **Vikrama 1727.**
A—Amāvāsyā. Commences Commences **May 11.** **Bengal San. 1076.**
P—Paurnimā. **(N. Cycle) Siddhārtin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Sādhārana. **Karkataka—Ādi.**						*Sādhārana.* **Kanyā—Puraṭṭāśi.**						*Sādhārana.* **Vriśchika—Kārttigai.**					
1	Fri.	1	9 ·21	2 ·82	22	1	Thur.	1	... ...	9 ·51	25	1	Tues.	1	14 ·59	15 ·71	27
2	Sat.	2	10 ·13	3 ·79	23	2	Fri.	2	13 ·04	10 ·58	26	2	Wed.	2	—**A** ·66	16 ·80	28
3	Sun.	3	11 ·06	4 ·76	24	3	Sat.	3	14 ·10	11 ·68	27	3	Thur.	3	1 ·71	17 ·87	—29
4	Mon.	4	12 ·01 / 13 ·97	5 ·74	25	4	Sun.	4	—**A** ·17	12 ·79	28	4	Fri.	4	2 ·75	18 ·92	1
						5	Mon.	5	1 ·25	13 ·90	—29	5	Sat.	5	3 ·76	19 ·95	2
5	Tues.	5	14 ·95	6 ·75	26	6	Tues.	6	2 ·35	.. ...	1	6	Sun.	6	4 ·75	20 ·97	3
6	Wed.	6	—**A** ·97	7 ·77	27	7	Wed.	7	3 ·42	14 ·00	2	7	Mon.	7	5 ·71	21 ·96	4
7	Thur.	7	1 ·99	8 ·82	28	8	Thur.	8	4 ·49	15 ·10	3	8	Tues.	8	6 ·67	22 ·93	5
8	Fri.	8	... ...	9 ·89	—29	9	Fri.	9	5 ·54	16 ·18	4	9	Wed.	9	7 ·61	23 ·89	6
9	Sat.	9	2 ·04	10 ·98	1	10	Sat.	10	*Śukla.* 6 ·57	17 ·25	5	10	Thur.	10	8 ·54	24 ·84	7
10	Sun.	10	3 ·10	... ...	2	11	Sun.	11	7 ·58	18 ·29	6	11	Fri.	11	9 ·45	25 ·79	8
11	Mon.	11	4 ·17	11 ·08	3	12	Mon.	12	8 ·56	19 ·31	7	12	Sat.	12	10 ·35	26 ·72	9
12	Tues.	12	5 ·24	12 ·18	4	13	Tues.	13	9 ·54	20 ·31	8	13	Sun.	13	11 ·25	27 ·65	10
13	Wed.	13	6 ·33	13 ·30	5	14	Wed.	14	10 ·49	21 ·30	9	14	Mon.	14	12 ·15	1 ·58	11
14	Thur.	14	7 ·41	14 ·40	6	15	Thur.	15	11 ·42	22 ·27	10	15	Tues.	15	13 ·06 / 14 ·97	2 ·51	12
15	Fri.	15	8 ·47	15 ·49	7	16	Fri.	16	12 ·34	23 ·22	11						
16	Sat.	16	9 ·52	16 ·56	8	17	Sat.	17	13 ·25	24 ·17	12	16	Wed.	16	P ·90	3 ·45	13
17	Sun.	17	10 ·55	17 ·62	9	18	Sun.	18	14 ·16	25 ·10	13	17	Thur.	17	1 ·83	4 ·41	14
18	Mon.	18	11 ·56	18 ·66	10				**Āśvina.**			18	Fri.	18	2 ·77	5 ·38	15
19	Tues.	19	12 ·54	19 ·67	11	19	Mon.	19	P ·07	26 ·03		19	Sat.	19	3 ·74	6 ·37	16
20	Wed.	20	13 ·50	20 ·66	12				1 ·96	27 ·97		20	Sun.	20	4 ·72	7 ·37	17
21	Thur.	21	14 ·45	21 ·64	13	20	Tues.	20	2 ·85	1 ·90	15	21	Mon.	21	5 ·74	8 ·39	18
22	Fri.	22	P ·38	22 ·60	14	21	Wed.	21	3 ·76	2 ·84	16	22	Tues.	22	6 ·77	9 ·44	19
23	Sat.	23	1 ·30	23 ·55	15	22	Thur.	22	4 ·68	3 ·78	17	23	Wed.	23	7 ·82	10 ·51	20
24	Sun.	24	2 ·20	24 ·49	16	23	Fri.	23	5 ·61	4 ·74	18	24	Thur.	24	8 ·89	11 ·59	21
25	Mon.	25	3 ·11	25 ·42	17	24	Sat.	24	6 ·55	5 ·73	19	25	Fri.	25	9 ·97	12 ·68	22
						25	Sun.	25	7 ·53	6 ·72	20						
26	Tues.	26	4 ·01 / 5 ·90	26 ·35	18	26	Mon.	26	8 ·51	7 ·73	21	26	Sat.	26	... ...	13 ·79	23
						27	Tues.	27	9 ·52	8 ·76	22	27	Sun.	27	1· ·06	14 ·91	24
27	Wed.	27	6 ·80	27 ·28	19	28	Wed.	28	10 ·54	9 ·82	23	28	Mon.	28	11 ·15	... ...	25
28	Thur.	28	7 ·71	1 ·22	20	29	Thur.	29	11 ·59	10 ·89	24	—29	Tues.	29	12 ·23	15 ·01	26
29	Fri.	29	8 ·63	2 ·17	21	30	Fri.	30	12 ·66	11 ·99	25	1	Wed.	30	13 ·30	16 ·10	27
30	Sat.	30	9 ·55	3 ·12	22												
—31	Sun.	31	10 ·50	4 ·09	23												
	Aug.						**Oct.**						**Dec.**				
1	Mon.	1	11 ·46	5 ·07	24	—31	Sat.	1	13 ·73	... ...	26	2	Thur.	1	14 ·35	17 ·17	28
2	Tues.	2	12 ·45	6 ·07	25	1	Sun.	2	14 ·82	12 ·09	27	3	Fri.	2	—**A** ·38	18 ·23	29
3	Wed.	3	13 ·46	7 ·10	26	2	Mon.	3	—**A** ·91	13 ·19	28	4	Sat.	3	1 ·40	19 ·28	—30
4	Thur.	4	14 ·47	8 ·14	27	3	Tues.	4	1 ·99	14 ·30	29	5	Sun.	4	2 ·38	20 ·29	1
5	Fri.	5	—**A** ·52	9 ·20	28	4	Wed.	5	... ...	15 ·40	—30	6	Mon.	5	3 ·34	21 ·29	2
6	Sat.	6	1 ·59	10 ·28	29	5	Thur.	6	2 ·06	16 ·49	1	7	Tues.	6	4 ·29	22 ·26	3
7	Sun.	7	2 ·66	11 ·38	—30	6	Fri.	7	3 ·10	17 ·56	2	8	Wed.	7	5 ·23	23 ·23	4
8	Mon.	8	3 ·74	12 ·49	1	7	Sat.	8	4 ·14	18 ·61	3	9	Thur.	8	6 ·16	24 ·17	5
9	Tues.	9	4 ·83	13 ·60	2	8	Sun.	9	5 ·15	19 ·63	4				7 ·07		
10	Wed.	10	5 ·90	14 ·70	3	9	Mon.	10	6 ·14	20 ·64	5	10	Fri.	9	8 ·98	25 ·12	6
11	Thur.	11	6 ·97	15 ·79	4	10	Tues.	11	7 ·11	21 ·63	6					26 ·06	
12	Fri.	12	... ...	16 ·87	5	11	Wed.	12	8 ·07	22 ·60	7	11	Sat.	10	9 ·88	27 ·99	7
13	Sat.	13	7 ·01	17 ·93	6				9 ·00			12	Sun.	11	10 ·78	1 ·91	8
14	Sun.	14	8 ·05	18 ·98	7	12	Thur.	13	10 ·92	23 ·56	8	13	Mon.	12	11 ·68	2 ·85	9
15	Mon.	15	9 ·05	19 ·99	8	13	Fri.	14	11 ·83	24 ·50	9	14	Tues.	13	12 ·59	3 ·80	10
16	Tues.	16	10 ·03	20 ·99	9	14	Sat.	15	12 ·73	25 ·44	10	15	Wed.	14	13 ·52	4 ·75	11
			11 ·00			15	Sun.	16	13 ·63	26 ·38	11	16	Thur.	15	14 ·46	5 ·71	12
17	Wed.	17	12 ·96	21 ·97	10	16	Mon.	17	14 ·53	27 ·31	12	17	Fri.	16	P ·41	6 ·69	13
18	Thur.	18	13 ·89	22 ·93	11	17	Tues.	18	P ·43	1 ·24	13	18	Sat.	17	1 ·38	7 ·69	14
19	Fri.	19	14 ·81	23 ·89	12	18	Wed.	19	1 ·34	2 ·17	14	19	Sun.	18	2 ·38	8 ·72	15
20	Sat.	20	P ·71	24 ·83	13	19	Thur.	20	2 ·27	3 ·12	15	20	Mon.	19	3 ·39	9 ·75	16
21	Sun.	21	1 ·61	25 ·76	14	20	Fri.	21	3 ·21	4 ·07	16	21	Tues.	20	4 ·41	10 ·81	17
22	Mon.	22	2 ·51	26 ·69	15	21	Sat.	22	4 ·15	5 ·05	17	22	Wed.	21	5 ·47	11 ·89	18
23	Tues.	23	3 ·41	27 ·62	16	22	Sun.	23	5 ·12	6 ·04	18	23	Thur.	22	6 ·54	12 ·98	19
24	Wed.	24	4 ·31	1 ·56	17	23	Mon.	24	6 ·10	7 ·05	19	24	Fri.	23	7 ·62	.. ...	20
25	Thur.	25	5 ·22	2 ·50	18	24	Tues.	25	7 ·11	8 ·08	20	25	Sat.	24	8 ·71	13 ·09	21
26	Fri.	26	6 ·14	3 ·45	19	25	Wed.	26	8 ·14	9 ·13	21	26	Sun.	25	9 ·80	14 ·20	22
27	Sat.	27	7 ·07	4 ·41	20	26	Thur.	27	9 ·20	10 ·20	22	27	Mon.	26	10 ·88	15 ·31	23
			8 ·01			27	Fri.	28	10 ·26	11 ·29	23	28	Tues.	27	11 ·95	16 ·40	24
28	Sun.	28	9 ·97	5 ·39	21	28	Sat.	29	11 ·34	12 ·39	24	29	Wed.	28	... ...	17 ·48	25
29	Mon.	29	10 ·96	6 ·40	22	29	Sun.	30	12 ·43	13 ·49	25	—30	Thur.	29	12 ·01	18 ·55	26
30	Tues.	30	11 ·97	7 ·41	23	—30	Mon.	31	13 ·52	14 ·60	26	1	Fri.	30	13 ·03	19 ·59	27
—31	Wed.	31	12 ·99	8 ·45	24							2	Sat.	31	14 ·04	20 ·62	28

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1671. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·36.** **Śaka 1593.** **Kaliyuga 4772.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·27.** **(S. Cycle) Virodhakṛit.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Sādhārana. **Makara—Tai.**	**Jan.**			
3	Sun. 1	—**A** ·03	21 ·61	—29
4	Mon. 2	1 ·00 / 2 ·95	22 ·59	1
5	Tues. 3	3 ·89	23 ·56	2
6	Wed. 4	4 ·81	24 ·52	3
7	Thur. 5	5 ·72	25 ·46	4
8	Fri. 6	6 ·62	26 ·39	5
9	Sat. 7	7 ·52	27 ·32	6
10	Sun. 8	8 ·43	1 ·25	7
11	Mon. 9	9 ·33	2 ·19	8
12	Tues. 10	10 ·25	3 ·13	9
13	Wed. 11	11 ·17	4 ·08	10
14	Thur. 12	12 ·10	5 ·04	11
15	Fri. 13	13 ·05	6 ·02	12
16	Sat. 14	14 ·03	7 ·02	13
17	Sun. 15	**P** ·02	8 ·03	14
18	Mon. 16	1 ·03	9 ·07	15
19	Tues. 17	2 ·07	10 ·12	16
20	Wed. 18	3 ·13	11 ·19	17
21	Thur. 19	4 ·20	12 ·29	18
22	Fri. 20	5 ·28	13 ·39	19
23	Sat. 21	6 ·37	14 ·50	20
24	Sun. 22	7 ·46	15 ·60	21
25	Mon. 23	8 ·53	16 ·70	22
26	Tues. 24	9 ·60	17 ·79	23
27	Wed. 25	10 ·65	18 ·86	24
28	Thur. 26	11 ·68	19 ·91	25
—29	Fri. 27	12 ·68	20 ·93	26
1	Sat. 28	13 ·66	21 ·94	27
2	Sun. 29	14 ·62	22 ·92	28
3	Mon. 30	—**A** ·57	23 ·90	29
4	Tues. 31	1 ·51	24 ·85	—30
	Feb.			
5	Wed. 1	2 ·43	25 ·80	1
6	Thur. 2	3 ·34	26 ·73	2
7	Fri. 3	4 ·24	27 ·66	3
8	Sat. 4	5 ·14	1 ·60	4
9	Sun. 5	6 ·05 / 7 ·95	2 ·53	5
10	Mon. 6	8 ·80	3 ·47	6
11	Tues. 7	9 ·79	4 ·41	7
12	Wed. 8	10 ·73	5 ·37	8
13	Thur. 9	11 ·68	6 ·35	9
14	Fri. 10	12 ·66	7 ·34	10
15	Sat. 11	13 ·64	8 ·35	11
16	Sun. 12	14 ·65	9 ·38	12
17	Mon. 13	**P** ·70	10 ·43	13
18	Tues. 14	1 ·75	11 ·51	14
19	Wed. 15	2 ·82	12 ·59	15
20	Thur. 16	3 ·90	13 ·69	16
21	Fri. 17	... ...	14 ·80	17
22	Sat. 18	4 ·00	15 ·90	18
23	Sun. 19	5 ·07	... ...	19
24	Mon. 20	6 ·15	16 ·00	20
25	Tues. 21	7 ·22	17 ·10	21
26	Wed. 22	8 ·27	18 ·17	22
27	Thur. 23	9 ·29	19 ·22	23
28	Fri. 24	10 ·29	20 ·25	24
29	Sat. 25	11 ·28	21 ·26	25
—30	Sun. 26	12 ·24	22 ·26	26
1	Mon. 27	13 ·18	23 ·23	27
2	Tues. 28	14 ·12	24 ·19	28

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Sādhārana. **Mīna—Phālguni.**	**March.**			
3	Wed. 1	{**A** ·03 / 1 ·95	25 ·18	—29
4	Thur. 2	2 ·85	26 ·07	1
5	Fri. 3	3 ·75	27 ·01 / 1 ·94	2
6	Sat. 4	4 ·65	2 ·87	3
7	Sun. 5	5 ·56	3 ·80	4
8	Mon. 6	6 ·46	4 ·75	5
9	Tues. 7	7 ·38	5 ·71	6
10	Wed. 8	8 ·32	6 ·68	7
11	Thur. 9	9 ·28	7 ·66	8
12	Fri. 10	10 ·26	8 ·67	9
13	Sat. 11	11 ·24	9 ·69	10
14	Sun. 12	12 ·26	10 ·74	11
15	Mon. 13	13 ·29	11 ·81	12
16	Tues. 14	14 ·34	12 ·89	13
17	Wed.○15	**P** ·42	13 ·99	14
18	Thur. 16	1 ·50	... ...	15
19	Fri. 17	2 ·59	14 ·10	16
20	Sat. 18	3 ·67	15 ·21	17
21	Sun. 19	4 ·75	16 ·31	18
22	Mon. 20	5 ·80	17 ·40	19
23	Tues. 21	6 ·84	18 ·48	20
24	Wed. 22	7 ·86	19 ·53	21
25	Thur. 23	8 ·87	20 ·57	22
26	Fri. 24	9 ·86	21 ·59	23
27	Sat. 25	10 ·82	22 ·58	24
28	Sun. 26	11 ·76	23 ·56	25
29	Mon. 27	12 ·69	24 ·52	26
—30	Tues. 28	13 ·61	25 ·47	27
1	Wed. 29	14 ·51	26 ·42	28
2	Thur. 30	—**A** ·41	27 ·35	29
3	Fri. 31	1 ·31	1 ·28	—30
	April.			
4	Sat. 1	2 ·21	2 ·21	1
5	Sun. 2	3 ·12	3 ·14	2
6	Mon. 3	4 ·03 / 5 ·95	4 ·09	3
7	Tues. 4	6 ·88	5 ·04	4
8	Wed. 5	7 ·83	6 ·01 / 7 ·99	5
9	Thur. 6	8 ·81	8 ·99	6
10	Fri. 7	9 ·79	... ...	7
11	Sat. 8	10 ·81	9 ·01	8
12	Sun. 9	11 ·84	10 ·06	9
13	Mon. 10	12 ·90	11 ·12	10
14	Tues. 11	13 ·97	12 ·20	11
15	Wed. 12	... ..	13 ·29	12
16	Thur. 13	14 ·06	14 ·39	13
17	Fri. 14	**P** ·14	15 ·51	14
18	Sat. 15	1 ·21	16 ·61	15
19	Sun. 16	2 ·28	17 ·71	16
20	Mon. 17	3 ·34	18 ·79	17
21	Tues. 18	4 ·39	19 ·85	18
22	Wed. 19	5 ·41	20 ·89	19
23	Thur. 20	6 ·42	21 ·91	20
24	Fri. 21	7 ·40	22 ·91	21
25	Sat. 22	8 ·35	23 ·89	22
26	Sun. 23	9 ·29	24 ·85	23
27	Mon. 24	10 ·22	25 ·81	24
28	Tues. 25	11 ·14	26 ·75	25
29	Wed. 26	{12 ·05 / 13 ·95}	27 ·69	26
30	Thur. 27	14 ·84	1 ·62	27
—31	Fri. 28	—**A** ·74	2 ·55	28
1	Sat. 29	1 ·64	3 ·48	—29
2	Sun. 30	2 ·55	4 ·43	1

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Virodhakṛit. **Vṛishabha—Vaigāśi.**	**May.**			
3	Mon. 1	3 ·47	5 ·38	2
4	Tues. 2	4 ·40	6 ·34	3
5	Wed. 3	5 ·36	7 ·31	4
6	Thur. 4	6 ·33	8 ·31	5
7	Fri. 5	7 ·32	9 ·33	6
8	Sat. 3	8 ·33	10 ·37	7
9	Sun. 7	9 ·35	11 ·42	8
10	Mon. 8	10 ·41	12 ·50	9
11	Tues. 9	11 ·48	13 ·59	10
12	Wed. 10	12 ·56	14 ·70	11
13	Thur. 11	13 ·64	15 ·81	12
14	Fri. 12	14 ·72	16 ·91	13
15	Sat. 13	**P** ·80	... ...	14
16	Sun. 14	1 ·86	17 ·01	15
17	Mon. 15	2 ·91	18 ·09	16
18	Tues. 16	3 ·92	19 ·17	17
19	Wed. 17	4 ·92	20 ·21	18
20	Thur. 18	5 ·90	21 ·23	19
21	Fri. 19	6 ·87	22 ·23	20
22	Sat.	7 ·80	23 ·22	21
23	Sun. 21	·72	24 ·19	22
24	Mon. 22	9 ·64	25 ·15	23
25	Tues. 23	10 ·54	26 ·09	24
26	Wed. 24	11 ·44	27 ·03 / 1 ·96	25
27	Thur. 25	12 ·34	2 ·89	26
28	Fri. 26	13 ·24	3 ·83	27
29	Sat. 27	14 ·14	4 ·76	28
30	Sun. 28	{**A** ·06 / 1 ·98}	5 ·71	29
31	Mon. 29	2 ·91	6 ·67	—30
—32	Tues. 30	3 ·86	7 ·64	1
1	Wed. 31	4 ·82	8 ·64	2
	June.			
2	Thur. 1	5 ·81	9 ·65	3
3	Fri. 2	6 ·82	10 ·68	4
4	Sat. 3	7 ·85	11 ·78	5
5	Sun. 4	8 ·89	12 ·80	6
6	Mon. 5	9 ·96	13 ·90	7
7	Tues. 6	... ...	... ...	8
8	Wed. 7	10 ·03	14 ·00	9
9	Thur. 8	11 ·11	15 ·11	10
10	Fri. 9	12 ·20	16 ·21	11
11	Sat. 10	13 ·28	17 ·31	12
12	Sun. 11	14 ·34	18 ·40	13
13	Mon. 12	**P** ·38	19 ·47	14
14	Tues. 13	1 ·40	20 ·52	15
15	Wed. 14	2 ·40	21 ·55	16
16	Thur. 15	3 ·38	22 ·56	17
17	Fri. 16	4 ·35	23 ·55	18
18	Sat. 17	5 ·29	24 ·53	19
19	Sun. 18	6 ·22	25 ·48	20
20	Mon. 19	7 ·13	26 ·43	21
21	Tues. 20	8 ·03 / 9 ·93	27 ·36	22
22	Wed. 21	10 ·83	1 ·29	23
23	Thur. 22	11 ·73	2 ·23	24
24	Fri. 23	12 ·63	3 ·16	25
25	Sat. 24	13 ·54	4 ·10	26
26	Sun. 25	14 ·46	5 ·04	27
27	Mon. 26	—**A** ·39	6 ·00 / 7 ·98	28
28	Tues. 27	1 ·33	8 ·96	—29
29	Wed. 28	2 ·30	9 ·97	1
30	Thur. 29	3 ·28	10 ·99	2
—31	Fri. 30	4 ·29	... ...	3

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1671. **Kollam 847,** { **N. Malabar—Sep.** **Hijra 1082.** **Vikrama 1728.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 30.** **Bengal San. 1077.**
P—Paurnimā. **(N. Cycle) Raudra.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Sat.	1	5 ·32	11 ·04	4	—31	Fri.	1	8 ·81	18 ·32	7				9 ·00		
2	Sun.	2	6 ·36	12 ·12	5	1	Sat.	2	9 ·85	19 ·40	8	1	Wed.	1	10 ·96	24 ·18	9
3	Mon.	3	7 ·43	13 ·20	6	2	Sun.	3	10 ·88	20 ·46	9	2	Thur.	2	11 ·89	25 ·15	10
4	Tues.	4	8 ·51	14 ·30	7	3	Mon.	4	11 ·89	21 ·41	10	3	Fri.	3	12 ·81	26 ·11	11
5	Wed.	5	9 ·59	15 ·40	8	4	Tues.	5	12 ·88	22 ·53	11	4	Sat.	4	13 ·71	27 ·06	12
6	Thur.	6	10 ·67	16 ·51	9	5	Wed.	6	13 ·85	23 ·53	12	5	Sun.	5	14 ·62	1 ·00	13
7	Fri.	7	11 ·75	17 ·61	10	6	Thur.	7	14 ·80	24 ·52	13					2 ·93	
8	Sat.	8	12 ·82	18 ·71	11	7	Fri. ○	8	P 73	25 ·48	14	6	Mon.	6	P ·53	3 ·87	14
9	Sun.	9	13 ·85	19 ·78	12	8	Sat.	9	1 ·65	26 ·44	15	7	Tues.	7	1 ·48	4 ·80	15
10	Mon.	10	14 ·88	20 ·84	13	9	Sun.	10	2 ·55	27 ·39	16	8	Wed.	8	2 ·33	5 ·73	16
11	Tues.	11	P ·88	21 ·87	14	10	Mon.	11	3 ·45	1 ·32	17	9	Thur.	9	3 ·25	6 ·67	17
12	Wed.	12	1 ·87	22 ·88	15	11	Tues.	12	4 ·35	2 ·25	18	10	Fri.	10	4 ·17	7 ·62	18
13	Thur.	13	2 ·82	23 ·88	16	12	Wed.	13	5 ·25	3 ·18	19	11	Sat.	11	5 ·11	8 ·60	19
14	Fri.	14	3 ·76	24 ·86	17	13	Thur.	14	6 ·15	4 ·12	20	12	Sun.	12	6 ·05	9 ·59	20
15	Sat.	15	4 ·70	25 ·82	18	14	Fri.	15	7 ·06	5 ·06	21	13	Mon.	13	7 ·02	10 ·59	21
16	Sun.	16	5 ·62	26 ·76	19				8 ·99			14	Tues.	14	8 ·02	11 ·61	22
17	Mon.	17	6 ·53	27 ·70	20	15	Sat.	16	9 ·92	6 ·00	22	15	Wed.	15	9 ·03	12 ·65	23
18	Tues.	18	7 ·43	1 ·64	21					7 ·96		16	Thur.	16	10 ·06	13 ·73	24
19	Wed.	19	8 ·33	2 ·57	22	16	Sun.	17	10 ·86	8 ·94	23	17	Fri.	17	11 ·11	14 ·81	25
20	Thur.	20	9 ·22	3 ·50	23	17	Mon.	18	11 ·83	9 ·93	24	18	Sat.	18	12 ·19	15 ·90	26
21	Fri.	21	10 ·12	4 ·44	24	18	Tues.	19	12 ·81	10 ·85	25	19	Sun.	19	13 ·27	... ...	27
22	Sat.	22	11 ·03	5 ·38	25	19	Wed.	20	13 ·83	11 ·98	26	20	Mon.	20	14 ·35	16 ·01	28
			12 ·94			20	Thur.	21	14 ·85	... ...	27	21	Tues.	21	—A ·44	17 ·12	29
23	Sun.	23	13 ·87	6 ·34	26	21	Fri.	22	—A ·90	12 ·04	28	22	Wed.	22	1 ·52	18 ·23	—30
24	Mon.	24	14 ·81	7 ·30	27	22	Sat.	23	1 ·96	13 ·11	29	23	Thur.	23	2 ·59	19 ·32	1
25	Tues.	25	—A ·78	8 ·29	28	23	Sun.	24	... ...	14 ·20	—30	24	Fri.	24	3 ·64	20 ·40	2
26	Wed.	26	1 ·76	9 ·29	29	24	Mon.	25	2 ·04	15 ·30	1	25	Sat.	25	4 ·67	21 ·45	3
27	Thur.	27	2 ·78	10 ·31	—30	25	Tues.	26	3 ·13	16 ·41	2	26	Sun.	26	5 ·68	22 ·49	4
28	Fri.	28	3 ·80	11 ·36	1	26	Wed.	27	4 ·22	17 ·52	3	27	Mon.	27	6 ·66	23 ·50	5
29	Sat.	29	4 ·84	12 ·42	2	27	Thur.	28	5 ·29	18 ·62	4	28	Tues.	28	7 ·63	24 ·51	6
30	Sun.	30	5 ·91	13 ·50	3	28	Fri.	29	6 ·36	19 ·70	5	29	Wed.	29	8 ·58	25 ·48	7
31	Mon.	31	6 ·98	14 ·60	4	29	Sat.	30	7 ·41	20 ·78	6	—30	Thur.	30	9 ·52	26 ·45	8
	Aug.						**Oct.**						**Dec.**				
—32	Tues.	1	... ...	15 ·70	5	—30	Sun.	1	8 ·43	21 ·83	7	1	Fri.	1	10 ·43	27 ·89	9
1	Wed.	2	7 ·07	16 ·81	6	1	Mon.	2	9 ·45	22 ·85	8	2	Sat.	2	11 ·34	1 ·33	10
2	Thur.	3	8 ·16	17 ·92	7	2	Tues.	3	10 ·44	23 ·86	9	3	Sun.	3	12 ·25	2 ·27	11
3	Fri.	4	9 ·24	... ...	8	3	Wed.	4	11 ·42	24 ·84	10	4	Mon.	4	13 ·15	3 ·20	12
4	Sat.	5	10 ·30	18 ·01	9	4	Thur.	5	12 ·36	25 ·82	11	5	Tues.	5	14 ·05	4 ·13	13
5	Sun.	6	11 ·34	19 ·09	10	5	Fri.	6	13 ·29	26 ·78	12				P ·95		
6	Mon.	7	12 ·37	20 ·15	11	6	Sat.	7	14 ·21	27 ·72	13	6	Wed.	6	1 ·87	5 ·07	14
7	Tues.	8	13 ·37	21 ·19	12	7	Sun.	8	P ·12	1 ·66	14	7	Thur.	7	2 ·79	6 ·01	15
8	Wed.	9	14 ·36	22 ·21	13	8	Mon.	9	1 ·02	2 ·59	15					7 ·97	
9	Thur.	10	P ·32	23 ·21	14				2 ·92			8	Fri.	8	3 ·73	8 ·93	16
10	Fri.	11	1 ·27	24 ·19	15	9	Tues.	10	3 ·82	3 ·52	16	9	Sat.	9	4 ·69	9 ·91	17
11	Sat.	12	2 ·20	25 ·15	16	10	Wed.	11	4 ·72	4 ·46	17	10	Sun.	10	5 ·67	10 ·91	18
12	Sun.	13	3 ·11	26 ·10	17	11	Thur.	12	5 ·63	5 ·39	18	11	Mon.	11	6 ·65	11 ·98	19
13	Mon.	14	4 ·02	27 ·05	18	12	Fri.	13	6 ·56	6 ·34	19	12	Tues.	12	7 ·66	12 ·97	20
			5 ·92	1 ·98		13	Sat.	14	7 ·50	7 ·29	20	13	Wed.	13	8 ·71	... ...	21
14	Tues.	15	6 ·82	2 ·91	19	14	Sun.	15	8 ·44	8 ·26	21	14	Thur.	14	9 ·76	13 ·08	22
15	Wed.	16	7 ·72	3 ·84	20	15	Mon.	16	9 ·41	9 ·26	22	15	Fri.	15	10 ·83	14 ·11	23
16	Thur.	17	8 ·62	4 ·77	21	16	Tues.	17	10 ·40	10 ·27	23	16	Sat.	16	11 ·92	15 ·20	24
17	Fri.	18	9 ·53	5 ·72	22	17	Wed.	18	11 ·42	11 ·30	24	17	Sun.	17	... ...	16 ·31	25
18	Sat.	19	10 ·46	6 ·67	23	18	Thur.	19	12 ·44	12 ·34	25	18	Mon.	18	12 ·01	17 ·42	26
19	Sun.	20	11 ·39	7 ·63	24	19	Fri.	20	13 ·49	13 ·41	26	19	Tues.	19	13 ·10	18 ·53	27
20	Mon.	21	12 ·33	8 ·61	25	20	Sat.	21	14 ·56	14 ·50	27	20	Wed.	20	14 ·18	19 ·62	28
21	Tues.	22	13 ·29	9 ·61	26	21	Sun.	22	—A ·64	15 ·60	28	21	Thur.	21	—A ·24	20 ·70	—29
22	Wed.	23	14 ·27	10 ·62	27	22	Mon.	23	1 ·72	16 ·71	—29	22	Fri.	22	1 ·28	21 ·76	1
23	Thur.	24	—A ·29	11 ·67	28	23	Tues.	24	2 ·81	17 ·82	1	23	Sat.	23	2 ·32	22 ·80	2
24	Fri.	25	1 ·31	12 ·73	—29	24	Wed.	25	3 ·89	18 ·92	2	24	Sun.	24	3 ·32	23 ·83	3
25	Sat.	26	2 ·36	13 ·81	1	25	Thur.	26	4 ·96	... ...	3	25	Mon.	25	4 ·21	24 ·83	4
26	Sun.	27	3 ·42	14 ·90	2	26	Fri.	27	... ...	19 ·02	4	26	Tues.	26	5 ·27	25 ·81	5
27	Mon.	28	4 ·49	... ...	3	27	Sat.	28	5 ·01	20 ·09	5	27	Wed.	27	6 ·33	26 ·78	6
28	Tues.	29	5 ·57	15 ·00	4	28	Sun.	29	6 ·04	21 ·14	6	28	Thur.	28	7 ·16	27 ·73	7
29	Wed.	30	6 ·66	16 ·12	5	29	Mon.	30	7 ·05	22 ·17	7	—29	Fri.	29	8 ·08	1 ·68	8
30	Thur.	31	7 ·74	17 ·22	6	—30	Tues.	31	8 ·03	23 ·18	8				9 ·99		
												1	Sat.	30	10 ·90	2 ·61	9
												2	Sun.	31	11 ·80	3 ·54	10

Virodhakṛit. **Karkaṭaka—Ādi.** *Śukla.* **Āshāḍha** *Bahula.* *H.* 1082 *Rabi-ul awwal.*

Virodhakṛit. **Kanyā—Purattāśi.** *Śukla.* **Śrāvaṇa** *Bahula.* *H.* 1082 *Rabi-ul ākhir.*

Virodhakṛit. **Tulā—Aippaśi.** *Śukla.* **Bhādrapada** *Bahula.* *H.* 1082 *Jamādā'l awwal.*

Virodhakṛit. **Vṛiśchika—Kārttigai.** *Śukla.* **Āśvina** *Bahula.* *H.* 1082 *Jamādā'l ākhir.*

Virodhakṛit. **Dhanus—Mārgaḷi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1082 *Rajab.*

Virodhakṛit. **Siṁha—Āvaṇi.** *Śukla.* **Bhādrapada** *Bahula.* *H.* 1082 *Rabi-ul ākhir.*

Virodhakṛit. **Tulā—Aippaśi.** *Śukla.* **Āśvina** *Bahula.* *H.* 1082 *Jamādā'l ākhir.*

Virodhakṛit. **Dhanus—Mārgaḷi.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H.* 1082 *Sha'bán.*

H. 1082 *Ramazán.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1672. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·62.** **Śaka 1594.** **Kaliyuga 4773.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·53.** **(S. Cycle) Paridhāvin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Mon.	1	12 ·70	4 ·47	11	4	Fri.	1	13 ·57	10 ·88	12	4	Wed.	1	P ·80	16 ·81	13
4	Tues.	2	13 ·60	5 ·40	12	5	Sat.	2	14 ·55	11 ·89	13	5	Thur.	2	1 ·88	17 ·91	14
5	Wed.	3	14 ·52	6 ·35	13	6	Sun. ○	3	P ·54	12 ·91	14	6	Fri.	3	2 ·97	... ...	15
6	Thur.	4	P ·44	7 ·30	14	7	Mon.	4	1 ·55	13 ·96	15	7	Sat.	4	... ...	18 ·02	16
7	Fri.	5	1 ·38	8 ·26	15	8	Tues.	5	2 ·59	... ...	16	8	Sun.	5	3 ·05	19 ·13	17
8	Sat.	6	2 ·33	9 ·24	16	9	Wed.	6	3 ·65	14 ·02	17	9	Mon.	6	4 ·12	20 ·23	18
9	Sun.	7	3 ·31	10 ·23	17	10	Thur.	7	4 ·72	15 ·11	18	10	Tues.	7	5 ·18	21 ·31	19
10	Mon.	8	4 ·30	11 ·25	18	11	Fri.	8	5 ·80	16 ·21	19	11	Wed.	8	6 ·22	22 ·38	20
11	Tues.	9	5 ·32	12 ·29	19	12	Sat.	9	6 ·89	17 ·32	20	12	Thur.	9	7 ·24	23 ·42	21
12	Wed.	10	6 ·36	13 ·34	20	13	Sun.	10	7 ·98	18 ·42	21	13	Fri.	10	8 ·24	24 ·45	22
13	Thur.	11	7 ·42	14 ·41	21	14	Mon.	11	... ...	19 ·52	22	14	Sat.	11	9 ·23	25 ·46	23
14	Fri.	12	8 ·49	15 ·50	22	15	Tues.	12	8 ·06	20 ·62	23	15	Sun.	12	10 ·18	26 ·44	24
15	Sat.	13	9 ·57	16 ·60	23	16	Wed.	13	9 ·12	21 ·70	24	16	Mon.	13	11 ·11	27 ·41	25
16	Sun.	14	10 ·66	17 ·71	24	17	Thur.	14	10 ·16	22 ·75	25	17	Tues.	14	12 ·04	1 ·36	26
17	Mon.	15	11 ·75	18 ·82	25	18	Fri.	15	11 ·18	23 ·79	26				13 ·96		
18	Tues.	16	12 ·83	19 ·92	26	19	Sat.	16	12 ·18	24 ·80	27	18	Wed.	15	14 ·86	2 ·31	27
19	Wed.	17	13 ·89	... ...	27	20	Sun.	17	13 ·16	25 ·81	28	19	Thur.	16	—A ·76	3 ·25	28
20	Thur.	18	14 ·94	20 ·01	28	21	Mon.	18	14 ·12	26 ·75	29	20	Fri.	17	1 ·66	4 ·18	29
21	Fri.	19	—A ·96	21 ·07	29	22	Tues.	19	A ·06	27 ·74	—30	21	Sat.	18	2 ·56	5 ·10	—30
22	Sat.	20	1 ·96	22 ·13	—30				1 ·99							6 ·03	
23	Sun.	21	2 ·95	23 ·15	1	23	Wed.	20	2 ·91	1 ·68	1	22	Sun.	19	3 ·46	7 ·98	1
24	Mon.	22	3 ·92	24 ·16	2	24	Thur.	21	3 ·81	2 ·67	2	23	Mon.	20	4 ·37	8 ·93	2
25	Tues.	23	4 ·87	25 ·14	3	25	Fri.	22	4 ·71	3 ·56	3	24	Tues.	21	5 ·29	9 ·89	3
26	Wed.	24	5 ·79	26 ·11	4	26	Sat.	23	5 ·61	4 ·50	4	25	Wed.	22	6 ·22	10 ·86	4
27	Thur.	25	6 ·71	27 ·07	5	27	Sun.	24	6 ·51	5 ·43	5	26	Thur.	23	7 ·17	11 ·85	5
28	Fri.	26	7 ·62	1 ·01	6	28	Mon.	25	7 ·42	6 ·36	6	27	Fri.	24	8 ·15	12 ·87	6
—29	Sat.	27	8 ·52	2 ·95	7	29	Tues.	26	8 ·32	7 ·30	7	28	Sat.	25	9 ·13	13 ·90	7
1	Sun.	28	9 ·42	3 ·88	8	30	Wed.	27	9 ·25	8 ·25	8	29	Sun.	26	10 ·14	14 ·95	8
2	Mon.	29	10 ·32	4 ·81	9	—31	Thur.	28	10 ·18	9 ·23	9	30	Mon.	27	11 ·17	... ...	9
3	Tues.	30	11 ·24	5 ·75	10	1	Fri.	29	11 ·15	10 ·21	10	31	Tues.	28	12 ·23	5 ·02	10
4	Wed.	31	12 ·15	6 ·69	11	2	Sat.	30	13 ·12	11 ·21	11	—32	Wed.	29	13 ·30	16 ·11	11
				7 ·63		3	Sun.	31	13 ·10	12 ·23	12	1	Thur.	30	14 ·37	17 ·21	12
												2	Fri.	31	P ·46	18 ·33	13
	Feb.						**April.**						**June.**				
5	Thur.	1	13 ·07	8 ·59	12	4	Mon.	1	14 ·11	13 ·27	13	3	Sat.	1	1 ·54	19 ·43	14
6	Fri.	2	14 ·01	9 ·56	13	5	Tues.	2	P ·16	14 ·34	14	4	Sun.	2	2 ·60	20 ·53	15
			P ·97			6	Wed.	3	1 ·22	15 ·42	15	5	Mon.	3	3 ·66	21 ·62	16
7	Sat.	3	1 ·94	10 ·55	14	7	Thur.	4	2 ·29	16 ·51	16	6	Tues.	4	4 ·71	22 ·69	17
8	Sun.	4	2 ·93	11 ·57	15	8	Fri.	5	3 ·37	17 ·61	17	7	Wed.	5	5 ·72	23 ·74	18
9	Mon.	5	3 ·95	12 ·60	16	9	Sat.	6	4 ·45	18 ·72	18	8	Thur.	6	6 ·72	24 ·77	19
10	Tues.	6	4 ·99	13 ·65	17	10	Sun.	7	5 ·54	19 ·83	19	9	Fri.	7	7 ·71	25 ·79	20
11	Wed.	7	... ...	14 ·72	18	11	Mon.	8	6 ·61	20 ·93	20	10	Sat.	8	8 ·67	26 ·77	21
12	Thur.	8	5 ·05	15 ·81	19	12	Tues.	9	7 ·67	... ...	21	11	Sun.	9	9 ·61	27 ·74	22
13	Fri.	9	6 ·12	16 ·91	20	13	Wed.	10	8 ·71	21 ·01	22	12	Mon.	10	10 ·54	1 ·70	23
14	Sat.	10	7 ·21	... ...	21	14	Thur.	11	9 ·73	22 ·07	23	13	Tues.	11	11 ·46	2 ·65	24
15	Sun.	11	8 ·39	17 ·02	22	15	Fri.	12	10 ·73	23 ·10	24	14	Wed.	12	12 ·36	3 ·58	25
16	Mon.	12	9 ·27	18 ·13	23	16	Sat.	13	11 ·70	24 ·13	25	15	Thur.	13	13 ·25	4 ·51	26
17	Tues.	13	10 ·45	19 ·23	24	17	Sun.	14	12 ·67	25 ·13	26	16	Fri.	14	14 ·15	5 ·44	27
18	Wed.	14	11 ·51	20 ·31	25	18	Mon.	15	13 ·60	26 ·11	27				A ·05		
19	Thur.	15	12 ·56	21 ·39	26	19	Tues.	16	14 ·53	27 ·07	28	17	Sat.	15	1 ·95	6 ·38	28
20	Fri.	16	13 ·58	22 ·44	27					1 ·02		18	Sun.	16	2 ·85	7 ·32	—29
21	Sat.	17	14 ·59	23 ·47	28	20	Wed.	17	A ·45	2 ·96	29	19	Mon.	17	3 ·77	8 ·26	1
22	Sun.	18	—A ·57	24 ·48	—29	21	Thur.	18	1 ·36	3 ·91	—30	20	Tues.	18	4 ·70	9 ·22	2
23	Mon.	19	1 ·53	25 ·47	1	22	Fri.	19	2 ·26	4 ·84	1	21	Wed.	19	5 ·65	10 ·19	3
24	Tues.	20	2 ·47	26 ·45	2	23	Sat.	20	3 ·15	5 ·77	2	22	Thur.	20	6 ·63	11 ·17	4
25	Wed.	21	3 ·40	27 ·41	3				4 ·05			23	Fri.	21	7 ·61	12 ·19	5
26	Thur.	22	4 ·33	1 ·35	4	24	Sun.	21	5 ·95	6 ·70	3	24	Sat.	22	8 ·62	13 ·21	6
27	Fri.	23	5 ·24	2 ·29	5	25	Mon.	22	6 ·86	7 ·64	4	25	Sun.	23	9 ·65	14 ·26	7
28	Sat.	24	6 ·14	3 ·22	6	26	Tues.	23	7 ·78	8 ·59	5	26	Mon.	24	10 ·71	15 ·33	8
			7 ·04			27	Wed.	24	8 ·72	9 ·56	6	27	Tues.	25	11 ·77	16 ·42	9
29	Sun.	25	8 ·94	4 ·16	7	28	Thur.	25	9 ·68	10 ·53	7	28	Wed.	26	12 ·85	17 ·52	10
—30	Mon.	26	9 ·84	5 ·09	8	29	Fri.	26	10 ·65	11 ·53	8	29	Thur.	27	13 ·93	18 ·62	11
				6 ·02		—30	Sat.	27	11 ·63	12 ·54	9	30	Fri.	28	... ...	19 ·73	12
1	Tues.	27	10 ·76	7 ·97	9	1	Sun.	28	12 ·64	13 ·59	10	—31	Sat.	29	14 ·01	20 ·83	13
2	Wed.	28	11 ·68	8 ·92	10	2	Mon.	29	13 ·69	14 ·64	11	1	Sun.	30	P ·09	21 ·92	14
3	Thur.	29	12 ·61	9 ·89	11	3	Tues.	30	14 ·74	15 ·72	12						

Virodhakrit. **Makara—Tai.** *Bahula.* *Sukla.* *H.* 1082 *Ramazān.*

Virodhakrit. **Kumbha—Māsi.** *Bahula.* *Sukla.* *H.* 1082 *Zi-l-ka'da.*

Virodhakrit. **Mina—Panguni.** *Bahula.* *Sukla.* *H.* 1082 *Zi-l-hijja.*

Paridhāvin. **Mēsha—Chittirai.** *Bahula.* *Sukla.* *H.* 1083 *Muharram.*

Paridhāvin. **Vrishabha—Vaigāsi.** *Bahula.* *Sukla.* *H.* 1083 *Safar.*

Paridhāvin. **Mithuna—Āni.** *Bahula.* *Sukla.* *H.* 1083 *Rabi-ul awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1672. **Kollam 848,** { **N. Malabar—Sep.** **Hijra 1083.** **Vikrama 1729.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 19.** **Bengal San. 1078.**
P—Paurnimā. **(N. Cycle) Durmati.**

SOLAR reckoning			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Paridhāvin.						*Paridhāvin.*						*Paridhāvin.*					
Kārkataka—Ādi.						**Kanyā—Purattāsi.**						**Vṛiśchika—Kārttigai.**					
2	Mon.	1	*Śukla.* **Āshādha.** 1 ·14	... ...	15		Sun.	1	*Bahula.* 4 ·03	2 ·65	18	2	Fri.	1	*Śukla.* **Kārt.** 7 ·53	9 ·89	20
3	Tues.	2	2 ·18	22 ·00	16				5 ·94			3	Sat.	2	8 ·46	10 ·84	21
4	Wed.	3	3 ·20	23 ·06	17	2	Mon.	2	6 ·85	3 ·60	19	4	Sun.	3	9 ·39	11 ·81	22
5	Thur.	4	4 ·21	24 ·09	18	3	Tues.	3	7 ·75	4 ·54	20	5	Mon.	4	10 ·33	12 ·80	23
6	Fri.	5	5 ·19	25 ·10	19	4	Wed.	4	8 ·65	5 ·47	21	6	Tues.	5	11 ·32	13 ·81	24
7	Sat.	6	6 ·14	26 ·09	20	5	Thur.	5	9 ·55	6 ·40	22	7	Wed.	6	12 ·30	14 ·83	25
8	Sun.	7	7 ·09	27 ·08	21	6	Fri.	6	10 ·45	7 ·33	23	8	Thur.	7	13 ·32	15 ·87	26
9	Mon.	8	8 ·01 / 9 ·92	1 ·04 / 2 ·98	22	7	Sat.	7	11 ·37	8 ·27	24	9	Fri.	8	14 ·35	16 ·94	27
10	Tues.	9	*Bahula.* 10 ·83	3 ·92	23	8	Sun.	8	12 ·29	9 ·22	25	10	Sat.	9	**A** ·41	... ...	28
11	Wed.	10	11 ·73	4 ·85	24	9	Mon.	9	13 ·22	10 ·18	26	11	Sun.	10	1 ·48	17 ·02	29
12	Thur.	11	12 ·63	5 ·79	25	10	Tues.	10	14 ·16	11 ·16	27	12	Mon.	11	2 ·56	18 12	30
13	Fri.	12	13 ·53	6 ·72	26	11	Wed.	11	**A** ·13	12 ·15	28	13	Tues.	12	3 ·65	19 ·23	1
14	Sat.	13	14 ·43	7 ·65	27	12	Thur.	12	1 ·12	13 ·16	29	14	Wed.	13	4 ·74	20 ·34	2
15	Sun.	14	**A** ·33	8 ·60	28	13	Fri.	13	2 ·14	14 ·20	30	15	Thur.	14	5 ·82	21 ·44	3
16	Mon.	15	1 ·25	9 ·55	29	14	Sat.	14	3 ·16	15 ·26	1	16	Fri.	15	6 ·88	22 ·53	4
17	Tues.	16	2 ·18	10 ·51	30	15	Sun.	15	4 ·21	16 ·33	2	17	Sat.	16	7 ·93	23 ·61	5
18	Wed.	17	3 ·14	11 ·51	1	16	Mon.	16	5 ·28	17 ·42	3	18	Sun.	17	8 ·96	24 ·67	6
19	Thur.	18	4 ·11	12 ·51	2	17	Tues.	17	6 ·36	18 ·52	4	19	Mon.	18	9 ·97	25 ·71	7
20	Fri.	19	5 ·09	13 ·53	3	18	Wed.	18	7 ·45	19 ·64	5	20	Tues.	19	10 ·95	26 ·72	8
21	Sat.	20	6 ·10	14 ·57	4	19	Thur.	19	8 ·53	20 ·74	6	21	Wed.	20	11 ·91	27 ·72	9
22	Sun.	21	*Śukla.* 7 ·12	15 ·63	5	20	Fri.	20	9 ·60	21 ·84	7	22	Thur.	21	12 ·86	1 ·70	10
23	Mon.	22	8 ·17	16 ·72	6	21	Sat.	21	10 ·67	22 ·92	8	23	Fri.	22	13 ·79	2 ·66	11
24	Tues.	23	9 ·24	17 ·82	7	22	Sun.	22	11 ·71	23 ·99	9	24	Sat.	23	14 ·72	3 ·61	12
25	Wed.	24	10 ·32	18 ·92	8	23	Mon.	23	12 ·74	... ...	10	25	Sun.	24	**P** ·63	4 ·55	13
26	Thur.	25	11 ·40	... ...	9	24	Tues.	24	13 ·75	24 ·04	11	26	Mon.	25	1 ·54	5 ·48	14
27	Fri.	26	12 ·48	19 ·03	10	25	Wed.	25	14 ·74	25 ·07	12	27	Tues.	26	2 ·44	6 ·42	15
28	Sat.	27	13 ·56	20 ·13	11	26	Thur.	26	**P** ·71	26 ·08	13	28	Wed.	27	3 ·34	7 ·35	16
29	Sun.	28	*Śukla.* 14 ·61	21 ·23	12	27	Fri.	27	1 ·65	27 ·06	14	29	Thur.	28	4 ·24	8 ·29	17
30	Mon.	29	**P** ·66	22 ·31	13	28	Sat.	28	2 ·58	1 ·03 / 2 ·99	15	—30	Fri.	29	5 ·15	9 ·23	18
31	Tues.	30	1 ·68	23 ·37	14	29	Sun.	29	3 ·49	3 ·94	16	1	Sat.	30	6 ·08	10 ·18	19
—32	Wed.	31	2 ·69	24 ·41	15	—30	Mon.	30	4 ·41	4 ·88	17						
	Aug.						**Oct.**						**Dec.**				
Paridhāvin.						*Paridhāvin.*						*Paridhāvin.*					
Simha—Āvani.						**Tulā—Aippaśi.**						**Dhanus—Mārgali.**					
1	Thur.	1	3 ·67	25 42	16	1	Tues.	1	5 ·31	5 ·81	18	2	Sun.	1	7 ·01 / 8 ·97	11 ·14	20
2	Fri.	2	4 ·64	26 ·43	17	2	Wed.	2	6 ·22	6 ·74	19	3	Mon.	2	9 ·95	12 ·13	21
3	Sat.	3	*Bahula.* 5 ·59	27 ·41	18	3	Thur.	3	7 ·12	7 ·67	20	4	Tues.	3	10 ·93	13 ·13	22
4	Sun.	4	6 ·50	1 ·37	19	4	Fri.	4	8 ·02 / 9 ·93	8 ·61	21	5	Wed.	4	11 ·96	14 ·15	23
5	Mon.	5	7 ·42	2 ·32	20	5	Sat.	5	10 ·85	9 ·56	22	6	Thur.	5	12 ·99	15 ·18	24
6	Tues.	6	8 ·33	3 ·26	21	6	Sun.	6	11 ·79	10 ·51	23	7	Fri.	6	*Bahula.*	16 ·25	25
7	Wed.	7	9 ·23	4 ·19	22	7	Mon.	7	12 ·73	11 ·48	24	8	Sat.	7	13 ·05	17 ·33	26
8	Thur.	8	10 ·13	5 ·13	23	8	Tues.	8	13 ·71	12 ·47	25	9	Sun.	8	14 ·13	18 ·42	27
9	Fri.	9	11 ·03 / 12 ·93	6 ·06 / 7 ·99	24	9	Wed.	9	14 ·69	13 ·49	26	10	Mon.	9	**A** ·21	19 ·53	28
10	Sat.	10	13 ·84	8 ·93	25	10	Thur.	10	**A** ·71	14 ·52	27	11	Tues.	10	1 ·30	20 ·64	29
11	Sun.	11	14 ·76	9 ·88	26	11	Fri.	11	1 ·73	15 ·56	28	12	Wed.	11	2 ·39	21 ·74	1
12	Mon.	12	**A** ·69	10 ·85	27	12	Sat.	12	2 ·79	16 ·65	29	13	Thur.	12	3 ·47	22 ·84	2
13	Tues.	13	1 ·64	11 ·83	28	13	Sun.	13	3 ·86	17 ·72	1	14	Fri.	13	4 ·53	23 ·92	3
14	Wed.	14	2 ·60	12 ·83	29	14	Mon.	14	4 ·94	18 ·82	2	15	Sat.	14	5 ·58	24 ·98	4
15	Thur.	15	3 ·59	13 ·84	1	15	Tues.	15	... ...	19 ·93	3	16	Sun.	15	6 ·60	... ...	5
16	Fri.	16	4 ·59	14 ·88	2	16	Wed.	16	5 ·03	... ...	4	17	Mon.	16	*Śukla.* 7 ·61	25 ·02	6
17	Sat.	17	5 ·63	15 ·95	3	17	Thur.	17	6 ·12	20 ·04	5	18	Tues.	17	8 ·59	26 ·04	7
18	Sun.	18	*Śukla.* 6 ·68	... ...	4	18	Fri.	18	7 ·20	21 ·14	6	19	Wed.	18	9 ·56	27 ·05	8
19	Mon.	19	7 ·74	16 ·03	5	19	Sat.	19	8 ·26	22 ·23	7	20	Thur.	19	10 ·51	1 ·03	9
20	Tues.	20	8 ·81	17 ·12	6	20	Sun.	20	9 ·30	23 ·30	8	21	Fri.	20	11 ·43	2 ·00 / 3 ·95	10
21	Wed.	21	9 ·89	18 ·22	7	21	Mon.	21	10 ·33	24 ·36	9	22	Sat.	21	12 ·35	4 ·89	11
22	Thur.	22	10 ·98	19 ·33	8	22	Tues.	22	11 ·34	25 ·39	10	23	Sun.	22	13 ·26	5 ·83	12
23	Fri.	23	... ...	20 ·44	9	23	Wed.	23	12 ·33	26 ·40	11	24	Mon.	23	14 ·17	6 ·76	13
24	Sat.	24	11 ·07	21 ·54	10	24	Thur.	24	13 ·29	27 36	12	25	Tues.	24	**P** ·07 / 1 ·97	7 ·69	14
25	Sun.	25	12 ·13	22 ·62	11	25	Fri.	25	14 ·24	1 ·39	13	26	Wed.	25	*Bahula.* 2 ·88	8 ·62	15
26	Mon.	26	13 ·17	23 ·68	12	26	Sat.	26	**P** ·17	2 ·33	14	27	Thur.	26	3 ·79	9 ·56	16
27	Tues.	27	14 ·20	24 ·72	13	27	Sun.	27	1 ·09	3 ·28	15	28	Fri.	27	4 ·72	10 ·51	17
28	Wed.	28	**P** ·21	25 ·75	14	28	Mon.	28	2 ·01 / 3 ·91	4 ·22	16	29	Sat.	28	5 ·66	11 ·48	18
29	Thur.	29	1 ·19	26 ·75	15	29	Tues.	29	4 ·81	5 ·15	17	1	Sun.	29	6 ·62	12 ·45	19
30	Fri.	30	2 ·16	27 ·74	16	—30	Wed.	30	5 ·71	6 ·07 / 7 ·01	18	2	Mon.	30	7 ·59	13 ·45	20
—31	Sat.	31	3 ·10	1 ·70	17	1	Thur.	31	6 ·62	8 ·95	19	3	Tues.	31	8 ·59	14 ·46	21

13. Hasta. 14. Chit. 15. Svāti. 16. Višāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1673. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. **(Surya Sid.) March 28·88.** **Śaka 1595.** **Kaliyuga 4774.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·79.** **(S. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Paridhāvin. **Makara—Tai.** 4	Wed.	1	*Bahula.* 9 ·60	15 ·50	22	4	Sat.	1	*Bahula.* 8 ·04	19 ·43	22	3	Thur.	1	10 ·56	25 ·60	24
5	Thur.	2	10 ·64	16 ·56	23	5	Sun.	2	9 ·12	20 ·54	23	4	Fri.	2	11 ·56	26 ·64	25
6	Fri.	3	11 ·69	17 ·63	24	6	Mon.	3	10 ·21	21 ·65	24	5	Sat.	3	12 ·56	27 ·66	26
7	Sat.	4	12 ·77	18 ·72	25	7	Tues.	4	11 ·29	22 ·75	25	6	Sun.	4	13 ·54	1 ·67	27
8	Sun.	5	13 ·86	19 ·83	26	8	Wed.	5	12 ·36	23 ·84	26	7	Mon.	5	14 ·49	2 ·66	28
9	Mon.	6	14 ·95	20 ·94	27	9	Thur.	6	13 ·42	24 ·91	27	8	Tues.	6	--**A** ·43	3 ·63	29
10	Tues.	7	... ...	... ...	28	10	Fri.	7	14 ·46	25 ·97	28	9	Wed.	7	1 ·35	4 ·58	--30
11	Wed.	8	--**A** ·04	21 ·05	29	11	Sat.	8	--**A** ·48	... ...	29	10	Thur.	8	2 ·27	5 ·52	1
12	Thur.	9	1 ·11	22 ·14	--30	12	Sun.	9	1 ·47	26 ·01	--30	11	Fri.	9	3 ·17	6 ·46	2
13	Fri.	10	2 ·18	23 ·23	1	13	Mon.	10	2 ·46	27 ·02	1	12	Sat.	10	4 ·07 5 ·97	7 ·39	3
14	Sat.	11	3 ·23	24 ·29	2	14	Tues.	11	3 ·42	1 ·01 2 ·99	2	13	Sun.	11	6 ·87	8 ·32	4
15	Sun.	12	4 ·24	25 ·34	3	15	Wed.	12	4 ·36	3 ·95	3	14	Mon.	12	7 ·77	9 ·25	5
16	Mon.	13	5 ·25	26 ·36	4	16	Thur.	13	5 ·29	4 ·91	4	15	Tues.	13	8 ·68	10 ·19	6
17	Tues.	14	6 ·23	27 ·37	5	17	Fri.	14	6 ·20	5 ·85	5	16	Wed.	14	9 ·61	11 ·14	7
18	Wed.	15	7 ·21	1 ·36	6	18	Sat.	15	7 ·10	6 ·78	6	17	Thur.	15	10 ·54	12 ·11	8
19	Thur.	16	8 ·15	2 ·33	7							18	Fri.	16	11 ·50	13 ·08	9
20	Fri.	17	9 ·07 10 ·99	3 ·28	8	19	Sun.	16	8 ·00 9 ·90	7 ·71	7	19	Sat.	17	12 ·47	14 ·07	10
21	Sat.	18	11 ·90	4 ·23	9	20	Mon.	17	10 ·81	8 ·65	8	20	Sun.	18	13 ·47	15 ·08	11
22	Sun.	19	12 ·80	5 ·17	10	21	Tues.	18	11 ·71	9 ·58	9	21	Mon.	19	14 ·47	16 ·11	12
23	Mon.	20	13 ·70	6 ·10	11	22	Wed.	19	12 ·63	10 ·52	10	22	Tues.	20	**P** ·51	17 ·17	13
24	Tues.	21	14 ·60	7 ·03 8 ·96	12	23	Thur.	20	13 ·55	11 ·47	11	23	Wed.	21	1 ·57	18 ·24	14
25	Wed.	22	**P** ·51	9 ·90	13	24	Fri.	21	14 ·49	12 ·44	12	24	Thur.	22	2 ·63	19 ·33	15
26	Thur.	23	1 ·43	10 ·85	14	25	Sat.	22	**P** ·45	13 ·43	13	25	Fri.	23	3 ·71	20 ·43	16
27	Fri.	24	2 ·36	11 ·81	15	26	Sun.	23	1 ·45	14 ·43	14	26	Sat.	24	4 ·79	21 ·54	17
28	Sat.	25	3 ·31	12 ·78	16	27	Mon.	24	2 ·42	15 ·45	15	27	Sun.	25	5 ·87	22 ·65	18
29	Sun.	26	4 ·26	13 ·77	17	28	Tues.	25	3 ·45	16 ·49	16	28	Mon.	26	6 ·94	23 ·75	19
--30	Mon.	27	5 ·23	14 ·78	18	29	Wed.	26	4 ·48	17 ·56	17	29	Tues.	27	... ...	24 ·84	20
1	Tues.	28	6 ·23	15 ·82	19	30	Thur.	27	5 ·54	18 ·64	18	30	Wed.	28	7 ·00	25 ·91	21
2	Wed.	29	7 ·24	16 ·87	20	--31	Fri.	28	6 ·61	19 ·73	19	--31	Thur.	29	8 ·04	26 ·96	22
3	Thur.	30	8 ·29	17 ·94	21	1	Sat.	29	7 ·69	20 ·83	20	1	Fri.	30	9 ·06	27 ·99	23
4	Fri.	31	9 ·34	... ...	22	2	Sun.	30	8 ·78	21 ·94	21	2	Sat.	31	10 ·05	... ...	24
	Feb.					3	Mon.	31	9 ·85	... ...	22		**June.**				
Paridhāvin. **Kumbha—Māsi.** 5	Sat.	1	*Bahula.* 10 ·42	18 ·03	23		**April.**					3	Sun.	1	11 ·03 12 ·98	1 ·00 2 ·98	25
6	Sun.	2	11 ·51	19 ·13	24	4	Tues.	1	10 ·92	22 ·05	23	4	Mon.	2	13 ·92	3 ·96	26
7	Mon.	3	12 ·60	20 ·24	25	5	Wed.	2	11 ·98	23 ·14	24	5	Tues.	3	14 ·85	4 ·92	27
8	Tues.	4	13 ·68	21 ·35	26	6	Thur.	3	... ...	24 ·23	25	6	Wed.	4	--**A** ·77	5 ·87	28
9	Wed.	5	14 ·75	22 ·45	27	7	Fri.	4	12 ·03	25 ·29	26	7	Thur.	5	1 ·67	6 ·80	--29
10	Thur.	6	--**A** ·82	23 ·53	28	8	Sat.	5	13 ·04	26 ·32	27	8	Fri.	6	2 ·57	7 ·73	1
11	Fri.	7	1 ·87	24 ·60	--29	9	Sun.	6	14 ·03	27 ·34	28	9	Sat.	7	3 ·47	8 ·66	2
12	Sat.	8	2 ·88	25 ·66	1	10	Mon.	7	**A** ·01 1 ·96	1 ·34	--29	10	Sun.	8	4 ·37	9 ·59	3
13	Sun.	9	3 ·88	26 ·69	2	11	Tues.	8	2 ·91	2 ·33	1	11	Mon.	9	5 ·27	10 ·53	4
14	Mon.	10	4 ·86	27 ·70	3	12	Wed.	9	3 ·84	3 ·29	2	12	Tues.	10	6 ·18	11 ·48	5
15	Tues.	11	5 ·83	1 ·69	4	13	Thur.	10	4 ·76	4 ·24	3	13	Wed.	11	7 ·10	12 ·44	6
16	Wed.	12	6 ·76	2 ·66	5	14	Fri.	11	5 ·66	5 ·18	4						
17	Thur.	13	7 ·69	3 ·62	6	15	Sat.	12	6 ·56	6 ·12	5	14	Thur.	12	8 ·03 9 ·98	13 ·41	7
18	Fri.	14	8 ·61	4 ·57	7							15	Fri.	13	10 ·95	14 ·39	8
19	Sat.	15	9 ·52	5 ·51	8	16	Sun.	13	7 ·45	7 ·06 8 ·99	6	16	Sat.	14	11 ·94	15 ·40	9
20	Sun.	16	10 ·43	6 ·44	9	17	Mon.	14	8 ·35	9 ·92	7	17	Sun.	15	12 ·95	16 ·43	10
21	Mon.	17	11 ·33	7 ·37	10	18	Tues.	15	9 ·26	10 ·86	8	18	Mon.	16	13 ·99	17 ·48	11
22	Tues.	18	12 ·23	8 ·30	11	19	Wed.	16	10 ·17	11 ·81	9	19	Tues.	17	... ...	18 ·55	12
23	Wed.	19	13 ·13	9 ·24	12	20	Thur.	17	11 ·10	12 ·78	10	20	Wed.	18	14 ·03	19 ·63	13
24	Thur.	20	14 ·05 **P** ·97	10 ·19	13	21	Fri.	18	12 ·04	13 ·75	11	21	Thur.	19	**P** ·10	20 ·73	14
25	Fri.	21	1 ·91	11 ·14	14	22	Sat.	19	13 ·00 14 ·97	14 ·75	12	22	Fri.	20	1 ·18	21 ·85	15
26	Sat.	22	2 ·87	12 ·11	15	23	Sun.	20	**P** ·95	15 ·76	13	23	Sat.	21	2 ·26	22 ·95	16
27	Sun.	23	3 ·85	13 ·09	16	24	Mon.	21	1 ·98	16 ·80	14	24	Sun.	22	3 ·34	... ...	17
28	Mon.	24	4 ·84	14 ·11	17	25	Tues.	22	... ...	17 ·86	15	25	Mon.	23	4 ·41	23 ·05	18
--29	Tues.	25	5 ·84	15 ·13	18	26	Wed.	23	2 ·01	18 ·94	16	26	Tues.	24	5 ·48	24 ·14	19
1	Wed.	26	6 ·89	16 ·18	19	27	Thur.	24	3 ·07	... ...	17	27	Wed.	25	6 ·52	25 ·22	20
2	Thur.	27	7 ·96	17 ·24	20	28	Fri.	25	4 ·11	19 ·03	18	28	Thur.	26	7 ·54	26 ·28	21
3	Fri.	28	... ...	18 ·33	21	29	Sat.	26	5 ·21	20 ·13	19	29	Fri.	27	8 ·53	27 ·31	22
						30	Sun.	27	6 ·29	21 ·24	20	30	Sat.	28	9 ·51	1 ·32	23
						--31	Mon.	28	7 ·37	22 ·35	21	31	Sun.	29	10 ·46	2 ·31	24
						1	Tues.	29	8 ·45	23 ·45	22	--32	Mon.	30	11 ·40	3 ·29	25
						2	Wed.	30	9 ·51	24 ·53	23						

Paridhāvin. **Mīna—Pāṅguni.** *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.*

Pramādin. **Mēsha—Chittirai.** *Śukla.* **Chaitra.** **P** *Śukla.* **Vaiśākha.** *Bahula.* *Śukla.* *Bahula.* *Śukla.*

Pramādin **Mithuna—Āni.** *Śukla.* **Jyeshtha.** *Bahula.* *Śukla.* **Āshādha.** *Bahula.* *Śukla.* *Bahula.*

H. 1083 *Zī-l-ka'da.* *H.* 1083 *Zī-l-ḥijja.* *H.* 1084 *Muḥarram.* *H.* 1084 *Ṣafar.* *H.* 1084 *Rabī'-ul awwal.*

H. 1083 *Shawwāl.* *H.* 1083 *Ramaẓān.* *H.* 1083

Naksh:—1. Aśvin 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1673. **Kollam 849,** { **N. Malabar—Sep.** **Hijra 1084.** **Vikrama 1730.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 8.** **Bengal San. 1079.**
P—Paurnimā. **(N. Cycle) Dundubhi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Pramādin. **Karkataka—Ādi.**	**July.**			
1	Tues. 1	12 ·33	4 ·25	26
2	Wed. 2	13 24	5 ·20	27
3	Thur. 3	14 ·15	6 ·14	28
4	Fri. 4	**A** ·05 / 1 ·94 *Sukla.*	7 ·07	29
5	Sat. 5	2 ·84	8 ·00 / 9 ·94	—30
6	Sun. 6	3 ·74	10 ·87	1
7	Mon. 7	4 ·66	11 ·82	2
8	Tues. 8	5 ·57	12 ·77	3
9	Wed. 9	6 ·51	13 ·73	4
10	Thur. 10	7 ·46	14 ·72	5
11	Fri. 11	8 ·44	15 ·73	6
12	Sat. 12	9 ·42	16 ·75	7
13	Sun. 13	10 ·43	17 ·79	8
14	Mon. 14	11 ·46	18 ·85	9
15	Tues. 15	12 ·50	19 ·93	10
16	Wed. 16	13 ·57	... ...	11
17	Thur. 17	14 ·65	20 ·03	12
18	Fri. 18	**P** ·74	21 ·14	13
19	Sat. 19	1 ·81	22 ·25	14
20	Sun. 20	2 ·88	23 ·35	15
21	Mon. 21	3 ·94 *Śrāvana. Bahula.*	24 ·44	16
22	Tues. 22	4 ·98	25 ·53	17
23	Wed. 23	... ...	26 ·59	18
24	Thur. 24	5 ·02	27 ·63	19
25	Fri. 25	6 ·01 / 7 ·99	1 ·64	20
26	Sat. 26	8 ·94	2 ·64	21
27	Sun. 27	9 ·89	3 ·63	22
28	Mon. 28	10 ·83	4 ·59	23
29	Tues. 29	11 ·74	5 ·54	24
30	Wed. 30	12 ·64	6 ·48	25
—31	Thur. 31	—13 ·54	7 ·42	26
		Aug.		
1	Fri. 1	14 ·44	8 ·35	27
2	Sat. 2	**A** ·35	9 ·28	28
3	Sun. 3	1 ·25	10 ·21	—29
4	Mon. 4	2 ·15	11 ·15	1
5	Tues. 5	3 ·06	12 ·10	2
6	Wed. 6	4 ·00 / 5 ·95 *Sukla.*	13 ·06	3
7	Thur. 7	6 ·93	14 ·05	4
8	Fri. 8	7 ·91	15 ·05	5
9	Sat. 9	8 ·92	16 ·06	6
10	Sun. 10	9 ·95	17 ·10	7
11	Mon. 11	... ...	18 ·16	8
12	Tues. 12	10 ·00	19 ·24	9
13	Wed. 13	11 ·07	20 ·34	10
14	Thur. 14	12 ·14	21 ·45	11
15	Fri. 15	13 ·22	22 ·55	12
16	Sat. 16	14 ·31	23 ·66	13
17	Sun. 17	**P** ·39	24 ·76	14
18	Mon. 18	1 ·45	25 ·84	15
19	Tues. 19	2 ·50	26 ·90	16
20	Wed. 20	3 ·52	27 ·94	17
21	Thur. 21	4 ·51	1 ·96	18
22	Fri. 22	5 ·50	2 ·97	19
23	Sat. 23	6 ·46	3 ·96	20
24	Sun. 24	7 ·41 *Bahula.*	4 ·92	21
25	Mon. 25	8 ·34	5 ·87	22
26	Tues. 26	9 ·26	6 ·81	23
27	Wed. 27	10 16	7 ·75	24
28	Thur. 28	11 ·06 / 12 ·96	8 ·69	25
29	Fri. 29	13 ·86	9 ·62	26
30	Sat. 30	14 ·76	10 ·55	27
—31	Sun. 31	**A** ·67	11 ·49	28

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Pramādin. **Kanyā—Puratṭāsi.**	**Sep.**			
1	Mon. 1	1 ·59	12 ·43	29
2	Tues. 2	2 ·53	13 ·40	—30
3	Wed. 3	3 ·47	14 ·38	1
4	Thur. 4	4 ·45	15 ·37	2
5	Fri. 5	5 ·44 *Sukla.*	16 ·38	3
6	Sat. 6	6 ·45	17 ·41	4
7	Sun. 7	7 ·48	18 ·45	5
8	Mon. 8	8 ·53	19 ·54	6
9	Tues. 9	9 ·59	20 ·64	7
10	Wed. 10	10 ·67	21 ·74	8
11	Thur. 11	11 ·75	22 ·85	9
12	Fri. 12	12 ·83	23 ·96	10
13	Sat. 13	13 ·91	... ...	11
14	Sun. 14	14 ·98	24 ·06	12
15	Mon. 15	... ...	25 ·14	13
16	Tues. 16	**P** ·03	26 ·21	14
17	Wed. 17	1 ·05	27 ·26	15
18	Thur. 18	2 ·06	1 ·28	16
19	Fri. 19	3 ·04	2 ·30	17
20	Sat. 20	4 ·00 / 5 ·95 *Nija Bhādrapada.*	3 ·28	18
21	Sun. 21	6 ·88	4 ·25	19
22	Mon. 22	7 ·80	5 ·21	20
23	Tues. 23	8 ·70	6 ·15	21
24	Wed. 24	9 ·61	7 ·10	22
25	Thur. 25	10 ·51 *Bahula.*	8 ·03 / 9 ·96	23
26	Fri. 26	11 ·41	10 ·89	24
27	Sat. 27	12 ·31	11 ·82	25
28	Sun. 28	13 ·22	12 ·77	26
29	Mon. 29	14 ·14	13 ·73	27
30	Tues. 30	—**A** ·09	14 ·70	28
		Oct.		
—31	Wed. 1	1 ·04	15 ·69	—29
1	Thur 2	2 ·01	16 ·70	1
2	Fri. 3	3 ·00	17 ·74	2
3	Sat. 4	4 ·01	18 ·79	3
4	Sun. 5	5 ·04 *Sukla.*	19 ·85	4
5	Mon. 6	6 ·10	20 ·94	5
6	Tues. 7	7 ·16	... ...	6
7	Wed. 8	8 ·24	21 ·04	7
8	Thur. 9	9 ·33	22 ·15	8
9	Fri. 10	10 ·42	23 ·26	9
10	Sat. 11	11 ·50	24 ·36	10
11	Sun. 12	12 ·56	25 ·45	11
12	Mon. 13	13 ·61	26 ·52	12
13	Tues. 14	14 ·64	27 ·57	13
14	Wed. 15	**P** ·64	1 ·61	14
15	Thur. 16	1 ·62	2 ·62	15
16	Fri. 17	2 ·58	3 ·61	16
17	Sat. 18	3 ·53	4 ·58	17
18	Sun. 19	4 ·46 *Bahula.*	5 ·54	18
19	Mon. 20	5 ·39	6 ·50	19
20	Tues. 21	6 ·29	7 ·44	20
21	Wed. 22	7 ·19	8 ·37	21
22	Thur. 23	8 ·10	9 ·29	22
23	Fri. 24	9 ·00 / 10 ·90	10 ·22	23
24	Sat. 25	11 ·81	11 ·17	24
25	Sun. 26	12 ·74	12 ·11	25
26	Mon. 27	13 ·68	13 ·06	26
27	Tues. 28	14 ·63	14 ·03	27
28	Wed. 29	—**A** ·60	15 ·01	28
29	Thur. 30	1 ·60	16 ·03	29
—30	Fri. 31	2 ·61	17 ·05	—30

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Pramādin. **Vriśchika—Kārttigai.**	**Nov.**			
1	Sat. 1	3 ·65	18 ·09	1
2	Sun. 2	4 ·70	19 ·16	2
3	Mon. 3	5 ·77	20 ·24	3
4	Tues. 4	6 ·85	21 ·34	4
5	Wed. 5	7 ·95 *Sukla.*	22 ·45	5
6	Thur. 6	... ...	23 ·56	6
7	Fri. 7	8 ·04	24 ·66	7
8	Sat. 8	9 ·11	25 ·75	8
9	Sun. 9	10 ·17	26 ·83	9
10	Mon. 10	11 ·22	27 ·89	10
11	Tues. 11	12 ·26	1 ·92	11
12	Wed. 12	13 ·25	2 ·94	12
13	Thur. 13	14 ·23	3 ·94	13
14	Fri. 14	**P** ·20	4 ·91	14
15	Sat. 15	1 ·14	5 ·88	15
16	Sun. 16	2 ·08	6 ·83	16
17	Mon. 17	3 ·00 / 4 ·91 *Kārttika. Bahula.*	7 ·77	17
18	Tues. 18	5 ·81	8 ·70	18
19	Wed. 19	6 ·71	9 ·63	19
20	Thur. 20	7 ·62	10 ·57	20
21	Fri. 21	8 ·53	11 ·51	21
22	Sat. 22	9 ·44	12 ·45	22
23	Sun. 23	10 ·35	13 ·40	23
24	Mon. 24	11 ·30	14 ·36	24
25	Tues. 25	12 ·26	15 ·35	25
26	Wed. 26	13 ·23	16 ·35	26
27	Thur. 27	14 ·23	17 ·37	27
28	Fri. 28	—**A** ·25	18 ·40	28
—29	Sat. 29	1 ·29	19 ·46	—29
1	Sun. 30	2 ·34	20 ·54	1
		Dec.		
2	Mon. 1	3 ·41	21 ·65	2
3	Tues. 2	4 ·51 *Sukla.*	22 ·75	3
4	Wed 3	5 ·60	23 ·86	4
5	Thur. 4	6 ·68	24 ·96	5
6	Fri. 5	7 ·76	... ...	6
7	Sat. 6	8 ·82	25 ·05	7
8	Sun. 7	9 ·86	26 ·14	8
9	Mon. 8	10 ·90	27 ·20	9
10	Tues. 9	11 ·89	1 ·24	10
11	Wed. 10	12 ·88	2 ·26	11
12	Thur. 11	13 ·83	3 ·26	12
13	Fri. 12	14 ·78	4 ·25	13
14	Sat. 13	**P** ·71	5 ·22	14
15	Sun. 14	1 ·63	6 ·17	15
16	Mon. 15	2 ·54	7 ·11	16
17	Tues. 16	3 ·44 *Bahula.*	8 ·04 / 9 ·98	17
18	Wed. 17	4 ·34	10 ·91	18
19	Thur. 18	5 ·24	11 ·84	19
20	Fri. 19	6 ·15	12 ·78	20
21	Sat. 20	7 ·07	13 ·73	21
22	Sun. 21	8 ·00 / 9 ·95	14 ·69	22
23	Mon. 22	10 ·90	15 ·68	23
24	Tues. 23	11 ·88	16 ·67	24
25	Wed. 24	12 ·87	17 ·68	25
26	Thur. 25	13 ·90	18 ·73	26
27	Fri. 26	14 ·93	19 ·78	27
28	Sat. 27	—**A** ·98	20 ·86	28
—29	Sun. 28	... ... *Sukla.*	21 ·95	29
1	Mon. 29	1 ·07	... ...	—30
2	Tues. 30	2 ·15	22 ·05	1
3	Wed. 31	3 ·24	23 ·15	2

H. 1084 *Jamādi'l awwal.* *H.* 1084 *Jamādi'l ākhir.* *H.* 1084 *Rajab.* *H.* 1084 *Sha'bān.* *H.* 1084 *Ramazān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1674. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·14.** **Śaka 1596.** **Kaliyuga 4775.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·05.** **(S. Cycle) Ānanda.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Pramādin. **Makara—Tai.** 4	Thur. 1	*Sukla.* 4 ·33	24 ·26	3
5	Fri. 2	5 ·40	25 ·37	4
6	Sat. 3	6 ·46	26 ·45	5
7	Sun. 4	7 ·51	27 ·51	6
8	Mon. 5	8 ·54	1 ·56	7
9	Tues. 6	9 ·53	2 ·58	8
10	Wed. 7	10 ·52	3 ·60	9
11	Thur. 8	11 ·48	4 ·57	10
12	Fri. 9	**Pausha.** 12 ·43	5 ·55	11
13	Sat. 10	13 ·35	6 ·50	12
14	Sun. 11	14 ·26	7 ·45	13
15	Mon. ○ 12	**P** ·17	8 ·39	14
16	Tues. 13	1 ·08 / 2 ·98	9 ·32	15
17	Wed. 14	*Bahula.* 3 ·88	10 ·25	16
18	Thur. 15	4 ·79	11 ·18	17
19	Fri. 16	5 ·71	12 ·12	18
20	Sat. 17	6 ·65	13 ·07	19
21	Sun. 18	7 ·59	14 ·03	20
22	Mon. 19	8 ·54	15 ·00 / 16 ·99	21
23	Tues. 20	9 ·52	... ...	22
24	Wed. 21	10 ·52	17 ·00	23
25	Thur. 22	11 ·54	18 ·03	24
26	Fri. 23	12 ·58	19 ·09	25
27	Sat. 24	13 ·64	20 ·16	26
28	Sun. 25	14 ·72	21 ·25	27
29	Mon. 26	**A** ·80	22 ·35	28
—30	Tues. 27	1 ·89	23 ·46	—29
1	Wed. 28	2 ·98	24 ·57	1
2	Thur. 29	... ...	25 ·67	2
3	Fri. 30	3 ·06	26 ·75	3
4	Sat. 31	4 ·11	27 ·82	4
	Feb.			
5	Sun. 1	*Sukla.* 5 ·15	1 ·87	5
6	Mon. 2	6 ·17	2 ·91	6
7	Tues. 3	7 ·17	3 ·92	7
8	Wed. 4	8 ·16	4 ·91	8
9	Thur. 5	9 ·11	5 ·88	9
10	Fri. 6	10 ·05 / 11 ·98	6 ·84	10
11	Sat. 7	**Māgha.** 12 ·90	7 ·79	11
12	Sun. 8	13 ·81	8 ·73	12
13	Mon. 9	14 ·71	9 ·66	13
14	Tues. 10	**P** ·61	10 ·59	14
15	Wed. 11	1 ·51	11 ·52	15
16	Thur. 12	2 ·41	12 ·45	16
17	Fri. 13	3 ·33	13 ·40	17
18	Sat. 14	4 ·26	14 ·36	18
19	Sun. 15	5 ·20	15 ·33	19
20	Mon. 16	6 ·17	16 ·31	20
21	Tues. 17	7 ·14	17 ·32	21
22	Wed. 18	8 ·13	18 ·34	22
23	Thur. 19	9 ·16	19 ·40	23
24	Fri. 20	10 ·20	20 ·46	24
25	Sat. 21	11 ·26	21 ·55	25
26	Sun. 22	12 ·34	22 ·65	26
27	Mon. 23	13 ·43	23 ·76	27
28	Tues. 24	14 ·52	24 ·87	28
29	Wed. 25	**A** ·60	25 ·97	29
—30	Thur. 26	1 ·66	... ...	—30
1	Fri. 27	2 ·72	26 ·06	1
2	Sat. 28	3 ·77	27 ·13	2

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
Pramādin. **Mīna—Pāguni.** 3	Sun. 1	*Sukla.* 4 ·78	1 ·19	3
4	Mon. 2	5 ·78	2 ·23	4
5	Tues. 3	6 ·76	3 ·24	5
6	Wed. 4	7 ·71	4 ·23	6
7	Thur. 5	8 ·65	5 ·21	7
8	Fri. 6	9 ·57	6 ·17	8
9	Sat. 7	10 ·49	7 ·13	9
10	Sun. 8	**Phālguna.** 11 ·40	8 ·07	10
11	Mon. 9	12 ·30	9 ·00 / 10 ·93	11
12	Tues. 10	*Bahula.* 13 ·20	11 ·86	12
13	Wed. 11	14 ·10	12 ·80	13
14	Thur. 12	**P** ·01 / 1 ·92	13 ·74	14
15	Fri. 13	2 ·85	14 ·70	15
16	Sat. 14	3 ·79	15 ·66	16
17	Sun. 15	4 ·76	16 ·64	17
18	Mon. 16	5 ·73	17 ·65	18
19	Tues. 17	6 ·73	18 ·67	19
20	Wed. 18	7 ·75	19 ·71	20
21	Thur. 19	8 ·79	20 ·77	21
22	Fri. 20	9 ·84	21 ·85	22
23	Sat. 21	10 ·92	22 ·95	23
24	Sun. 22	... ...	... ...	24
25	Mon. 23	11 ·01	23 ·06	25
26	Tues. 24	12 ·09	24 ·17	26
27	Wed. 25	13 ·17	25 ·27	27
28	Thur. 26	14 ·24	26 ·36	28
29	Fri. 27	**A** ·30	27 ·44	—29
—30	Sat. 28	1 ·34	1 ·51	1
1	Sun. 29	2 ·35	2 ·55	2
2	Mon. 30	3 ·35	3 ·56	3
3	Tues. 31	4 ·33	4 ·55	4
	April.			
4	Wed. 1	*Sukla.* 5 ·27	5 ·54	5
5	Thur. 2	6 ·21	6 ·51	6
6	Fri. 3	7 ·14	7 ·46	7
7	Sat. 4	8 ·05 / 9 ·96	8 ·40	8
8	Sun. 5	10 ·86	9 ·34	9
9	Mon. 6	11 ·76	10 ·27	10
10	Tues. 7	12 ·66	11 ·21	11
11	Wed. 8	13 ·56	12 ·14	12
12	Thur. 9	14 ·48	13 ·08	13
13	Fri. 10	**P** ·41	14 ·02 / 15 ·99	14
14	Sat. 11	1 ·35	16 ·97	15
15	Sun. 12	2 ·30	17 ·97	16
16	Mon. 13	3 ·27	18 ·98	17
17	Tues. 14	4 ·27	... ...	18
18	Wed. 15	5 ·29	19 ·02	19
19	Thur. 16	6 ·33	20 ·08	20
20	Fri. 17	7 ·39	21 ·16	21
21	Sat. 18	8 ·47	22 ·26	22
22	Sun. 19	9 ·55	23 ·36	23
23	Mon. 20	10 ·63	24 ·46	24
24	Tues. 21	11 ·70	25 ·57	25
25	Wed. 22	12 ·77	26 ·66	26
26	Thur. 23	13 ·83	27 ·75	27
27	Fri. 24	14 ·87	1 ·82	28
28	Sat. 25	**A** ·89	2 ·86	29
29	Sun. 26	1 ·87	3 ·88	—30
30	Mon. 27	2 ·85	4 ·88	1
—31	Tues. 28	3 ·80	5 ·87	2
1	Wed. 29	4 ·74	6 ·85	3
2	Thur. 30	5 ·67	7 ·80	4

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
Ānanda. **Vrishabha—Vaigāśi.** 3	Fri. 1	*Sukla.* 6 ·58	8 ·74	5
4	Sat. 2	7 ·48	9 ·67	6
5	Sun. 3	8 ·38	10 ·61	7
6	Mon. 4	9 ·28	11 ·54	8
7	Tues. 5	10 ·18	12 ·47	9
8	Wed. 6	11 ·08 / 12 ·99	13 ·41	10
9	Thur. 7	**Vaiśākha.** 13 ·91	14 ·36	11
10	Fri. 8	14 ·86	15 ·33	12
11	Sat. 9	**P** ·82	16 ·30	13
12	Sun. 10	1 ·80	17 ·29	14
13	Mon. 11	2 ·78	18 ·30	15
14	Tues. 12	3 ·79	19 ·33	16
15	Wed. 13	4 ·84	20 ·38	17
16	Thur. 14	5 ·89	21 ·46	18
17	Fri. 15	6 ·96	22 ·55	19
18	Sat. 16	*Bahula.*	23 ·65	20
19	Sun. 17	7 ·04	24 ·76	21
20	Mon. 18	8 ·13	25 ·87	22
21	Tues. 19	9 ·21	26 ·97	23
22	Wed. 20	10 ·28	... ...	24
23	Thur. 21	11 ·34	27 ·06	25
24	Fri. 22	12 ·36	1 ·13	26
25	Sat. 23	13 ·38	2 ·17	27
26	Sun. 24	14 ·37	3 ·20	28
27	Mon. 25	**A** ·36	4 ·22	—29
28	Tues. 26	1 ·31	5 ·21	1
29	Wed. 27	2 ·25	6 ·18	2
30	Thur. 28	3 ·17	7 ·13	3
—31	Fri. 29	4 ·08 / 5 ·98	8 ·08	4
1	Sat. 30	*Sukla.* 6 ·88	9 ·02 / 10 ·95	5
2	Sun. 31	7 ·78	11 ·88	6
	June.			
3	Mon. 1	8 ·68	12 ·81	7
4	Tues. 2	9 ·58	13 ·75	8
5	Wed. 3	10 ·49	14 ·69	9
6	Thur. 4	11 ·41	15 ·66	10
7	Fri. 5	12 ·35	16 ·63	11
8	Sat. 6	13 ·30	17 ·61	12
9	Sun. 7	14 ·28	18 ·62	13
10	Mon. 8	**P** ·27	19 ·64	14
11	Tues. 9	1 ·28	20 ·70	15
12	Wed. 10	2 ·32	21 ·77	16
13	Thur. 11	3 ·37	22 ·85	17
14	Fri. 12	4 ·43	23 ·95	18
15	Sat. 13	5 ·51	... ...	19
16	Sun. 14	6 ·60	24 ·06	20
17	Mon. 15	7 ·68	25 ·17	21
18	Tues. 16	8 ·75	26 ·27	22
19	Wed. 17	9 ·81	27 ·36	23
20	Thur. 18	10 ·84	1 ·43	24
21	Fri. 19	11 ·86	2 ·49	25
22	Sat. 20	12 ·85	3 ·53	26
23	Sun. 21	13 ·84	4 ·54	27
24	Mon. 22	14 ·79	5 ·53	28
25	Tues. 23	**A** ·73	6 ·51	29
26	Wed. 24	1 ·65	7 ·47	—30
27	Thur. 25	2 ·56	8 ·42	1
28	Fri. 26	3 ·46	9 ·36	2
29	Sat. 27	*Sukla.* 4 ·36	10 ·30	3
30	Sun. 28	5 ·25	11 ·22	4
31	Mon. 29	6 ·15	12 ·15	5
—32	Tues. 30	7 ·05 / 8 ·96	13 ·09	6

Nakshatra:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

H. 1084 *Shawwāl.* — *H.* 1084 *Zi-l-ka'da.* — *H.* 1084 *Zi-l-hijja.* — *H.* 1085 *Muharram.* — *H.* 1085 *Safar.* — *H.* 1085 *Rabi-ul awwal.*

A.D. 1674. **Kollam 850,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1085.** Commences **March 28.** **Vikrama 1731.** **Bengal San. 1080.** **(N. Cycle) Rudhirodgārin.**

A—Amāvāsyā. **P—Paurnimā.**

July.

Ānanda. **Karkataka—Ādi.**

Cyclic sidereal year, month and day.	Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.		Nakshatra ending Moment.		Muhammadan year, month and day.
1	Wed.	1	*Śukla.* 9	·88	14	·04 }	7
					15	·99 }	
2	Thur.	2	10	·82	16	·95	8
3	Fri.	3	11	·79	17	·94	9
4	Sat.	4	12	·76	18	·94	10
5	Sun.	5	13	·74	19	·97	11
6	Mon.	6	14	·76	..	...	12
7	Tues. ○	7	**Āshādha.** **P**	·79	20	·00	13
8	Wed.	8	1	·84	21	·07	14
9	Thur.	9	2	·90	22	·15	15
10	Fri.	10	3	·98	23	·25	16
11	Sat.	11	...	...	24	·36	17
12	Sun.	12	4	·07	25	·47	18
13	Mon.	13	5	·15	26	·57	19
14	Tues.	14	6	·22	27	·67	20
15	Wed.	15	7	·28	1	·74	21
16	Thur.	16	*Bahula.* 8	·32	2	·81	22
17	Fri.	17	9	·34	3	·85	23
18	Sat.	18	10	·34	4	·86	24
19	Sun.	19	11	·32	5	·86	25
20	Mon.	20	12	·27	6	·84	26
21	Tues.	21	13	·21	7	·80	27
22	Wed.	22	14	·14	8	·76	28
23	Thur. ●	23	**A**	·05	9	·70	—29
			1	·95			
24	Fri.	24	2	·85	10	·63	1
25	Sat.	25	3	·75	11	·56	2
26	Sun.	26	4	·65	12	·49	3
27	Mon.	27	5	·55	13	·43	4
28	Tues.	28	6	·46	14	·37	5
29	Wed.	29	*Śukla.* 7	·38	15	·32	6
30	Thur.	30	8	·31	16	·28	7
—31	Fri.	31	9	·27	17	·26	8

Aug.

Ānanda. **Simha—Āvani.**

1	Sat.	1	10	·24	18	·27	9
2	Sun.	2	11	·23	19	·28	10
3	Mon.	3	12	·24	20	·32	11
4	Tues.	4	13	·26	21	·38	12
5	Wed.	5	14	·32	22	·46	13
6	Thur.	6	**P**	·39	23	·56	14
7	Fri.	7	1	·48	24	·66	15
8	Sat.	8	2	·56	25	·77	16
9	Sun.	9	3	·64	26	·87	17
10	Mon.	10	4	·71	27	·97	18
11	Tues.	11	5	·77	..	...	19
12	Wed.	12	*Bahula.* 6	·81	1	·05	20
13	Thur.	13	7	·84	2	·12	21
14	Fri.	14	8	·83	3	·16	22
15	Sat.	15	9	·81	4	·18	23
16	Sun.	16	10	·77	5	·18	24
17	Mon.	17	11	·72	6	·16	25
18	Tues.	18	12	·65	7	·14	26
19	Wed.	19	13	·56	8	·09	27
20	Thur.	20	14	·46	9	·03 }	28
					10	·97 }	
21	Fri.	21	**A**	·36	11	·90	29
22	Sat.	22	1	·26	12	·83	30
23	Sun.	23	2	·16	13	·77	1
24	Mon.	24	3	·06 }	14	·71	2
			4	·98 }			
25	Tues.	25	5	·90	15	·65	3
26	Wed.	26	6	·83	16	·61	4
27	Thur.	27	7	·78	17	·60	5
28	Fri.	28	8	·75	18	·59	6
29	Sat.	29	9	·75	19	·60	7
30	Sun.	30	10	·75	20	·63	8
—31	Mon.	31	11	79	21	·69	9

Sep.

Ānanda. **Kanyā—Puraṭṭāsi.**

1	Tues.	1	12	·85	22	·77	10
2	Wed.	2	13	·91	23	·86	11
3	Thur.	3	14	·99	24	·96	12
4	Fri.	4	...	...	...		13
5	Sat.	5	**P**	·07	25	·07	14
6	Sun.	6	1	·16	26	·17	15
7	Mon.	7	2	·24	27	·27	16
8	Tues.	8	3	·31	1	·36	17
9	Wed.	9	4	·34	2	·43	18
10	Thur.	10	5	36	3	·48	19
11	Fri.	11	*Bahula.* 6	·36	4	·50	20
12	Sat.	12	7	·34	5	·51	21
13	Sun.	13	8	·31	6	·50	22
14	Mon.	14	9	·25	7	·47	23
15	Tues.	15	10	·18	8	·43	24
16	Wed.	16	11	·09	9	·37	25
17	Thur.	17	12	·00 }	10	·31	26
			13	·90 }			
18	Fri.	18	14	·80	11	·25	27
19	Sat.	19	**A**	·70	12	·18	28
20	Sun.	20	1	·60	13	·11	—29
21	Mon.	21	2	·52	14	·04 }	1
					15	·99 }	
22	Tues.	22	3	·44	16	·94	2
23	Wed.	23	4	·38	17	·92	3
24	Thur.	24	5	·33	18	·91	4
25	Fri.	25	*Śukla.* 6	·31	19	·92	5
26	Sat.	26	7	·30	20	·95	6
27	Sun.	27	8	·30	...	...	7
28	Mon.	28	9	·35	21	·00	8
29	Tues.	29	10	·41	22	·07	9
30	Wed.	30	11	·48	23	·16	10

Oct.

Ānanda. **Tulā—Aippaśi.**

—31	Thur.	1	12	·55	24	·26	11
1	Fri.	2	13	·64	25	·36	12
2	Sat.	3	14	·72	26	·47	13
3	Sun.	4	**P**	·80	27	·58	14
4	Mon.	5	1	·87	1	·67	15
5	Tues.	6	2	·91	2	·74	16
6	Wed.	7	3	·94	3	·79	17
7	Thur.	8	4	·93	4	·82	18
8	Fri.	9	5	·92	5	·84	19
9	Sat.	10	6	·88	6	·83	20
10	Sun.	11	7	·83	7	·80	21
11	Mon.	12	*Bahula.* 8	·76	8	·76	22
12	Tues.	13	9	·67	9	·71	23
13	Wed.	14	10	·58	10	·65	24
14	Thur.	15	11	·48	11	·58	25
15	Fri.	16	12	·38	12	·54	26
16	Sat.	17	13	·28	13	·44	27
17	Sun.	18	14	·19	14	·38	28
18	Mon.	19	**A**	·10	15	·33	29
19	Tues.	20	1	·03 }	16	·28	—30
			2	·97 }			
20	Wed.	21	3	·92	17	·25	1
21	Thur.	22	4	·90	18	·24	2
22	Fri.	23	5	·89	19	·24	3
23	Sat.	24	6	·90	20	·26	4
24	Sun.	25	7	·94	21	·31	5
25	Mon.	26	...	..	22	·38	6
26	Tues.	27	8	·00	23	·46	7
27	Wed.	28	9	·08	24	·56	8
28	Thur.	29	*Śukla.* 10	·16	25	·66	9
29	Fri.	30	11	·25	26	·78	10
—30	Sat.	31	12	·34	27	·88	11

Nov.

Ānanda. **Vriśchika—Kārttigai.**

1	Sun.	1	13	·41	1	·97	12
2	Mon.	2	14	·47	...	...	13
3	Tues.	3	**P**	·51	2	·05	14
4	Wed.	4	1	·54	3	·11	15
5	Thur.	5	2	·54	4	·15	16
6	Fri.	6	3	·53	5	·16	17
7	Sat.	7	4	·49	6	·16	18
8	Sun.	8	5	·44	7	·13	19
9	Mon.	9	6	·37	8	·09	20
10	Tues.	10	7	·29	9	·05 }	21
					10	·99 }	
11	Wed.	11	8	·19	11	·92	22
12	Thur.	12	*Bahula.* 9	·09 }	12	·85	23
			10	·99 }			
13	Fri.	13	11	·90	13	·78	24
14	Sat.	14	12	·81	14	·72	25
15	Sun.	15	13	·72	15	·67	26
16	Mon.	16	14	·65	16	·62	27
17	Tues.	17	**A**	·58	17	·58	28
18	Wed.	18	1	·54	18	·56	29
19	Thur.	19	2	·52	19	·56	1
20	Fri.	20	3	·51	20	·59	2
21	Sat.	21	4	·54	21	·63	3
22	Sun.	22	*Śukla.* 5	·57	22	·68	4
23	Mon.	23	6	·63	23	·76	5
24	Tues.	24	7	·70	24	·86	6
25	Wed.	25	8	·79	25	·97	7
26	Thur.	26	9	·88	...	...	8
27	Fri.	27	10	·97	26	·08	9
28	Sat.	28	...	...	27	·18	10
—29	Sun.	29	11	·05	1	·27	11
1	Mon.	30	12	·11	2	·35	12

Dec.

Ānanda. **Dhanus—Margali.**

2	Tues.	1	13	·15	3	·42	13
3	Wed.	2	14	·17	4	·46	14
4	Thur.	3	**P**	·18	5	·48	15
5	Fri.	4	1	·16	6	·48	16
6	Sat.	5	2	·12	7	·46	17
7	Sun.	6	3	07 }	8	·44	18
			4	·99 }			
8	Mon.	7	5	·91	9	·39	19
9	Tues.	8	6	·82	10	·33	20
10	Wed.	9	*Bahula.* 7	·72	11	·26	21
11	Thur.	10	8	·62	12	·19	22
12	Fri.	11	9	·52	13	·12	23
13	Sat.	12	10	·43	14	·06	24
14	Sun.	13	11	·35	15	·00 }	25
					16	·95 }	
15	Mon.	14	12	·28	17	·91	26
16	Tues.	15	13	·22	18	·89	27
17	Wed.	16	14	·18	19	·89	28
18	Thur.	17	**A**	·16	20	·90	29
19	Fri.	18	1	·17	21	·94	—30
20	Sat.	19	2	·18	22	·99	1
21	Sun.	20	3	·22	..	...	2
22	Mon.	21	*Śukla.* 4	·29	23	·07	3
23	Tues.	22	5	·36	24	·17	4
24	Wed.	23	6	·45	25	·27	5
25	Thur.	24	7	·54	26	·37	6
26	Fri.	25	8	·63	27	·48	7
27	Sat.	26	9	·70	1	·58	8
28	Sun.	27	10	·75	2	·67	9
29	Mon.	28	11	·80	3	·73	10
—30	Tues.	29	12	·82	4	·78	11
1	Wed.	30	13	·82	5	·80	12
2	Thur.	31	**P**	14 ·81	6	·81	13

H. 1085 *Jamāda'l awwal.* H. 1085 *Jamāda'l ākhir.* H. 1085 *Rajab.* H. 1085 *Sha'bān.* H. 1085 *Ramazān.* H. 1085 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1675. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·40.** **Śaka 1597.** **Kaliyuga 4776.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·31.** **(S. Cycle) Rākshasa.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Ananda.					*Ānanda.*		*Bahula.* **Phālguna.**			*Rākshasa.*		*Sukla.* **Vaiśākha.**		
3	Fri. ○ 1	P ·77	7 ·79	14	3	Mon. 1	P ·69	11 ·27	14	3	Sat. 1	2 ·23	18 ·54	15
4	Sat. 2	1 ·71	8 ·77	15	4	Tues. 2	1 ·59	12 ·21	15	4	Sun. 2	3 ·17	19 ·51	16
5	Sun. 3	2 ·64	9 ·72	16	5	Wed. 3	2 ·49	13 ·15	16	5	Mon. 3	4 ·13	20 ·51	17
6	Mon. 4	3 ·56	10 ·66	17	6	Thur. 4	3 ·39	14 ·08	17	6	Tues. 4	5 ·11	21 ·52	18
7	Tues. 5	4 ·46	11 ·60	18				15 ·01 }		7	Wed. 5	6 ·10	22 ·55	19
8	Wed. 6	5 ·36	12 ·54	19	7	Fri. 5	4 ·30	16 ·96 }	18	8	Thur. 6	7 ·13	23 ·60	20
9	Thur. 7	6 ·26	13 ·47	20	8	Sat. 6	5 ·22	17 ·91	19	9	Fri. 7	8 ·16	24 ·67	21
10	Fri. 8	7 ·17	14 ·40	21	9	Sun. 7	6 ·14	18 ·88	20	10	Sat. 8	9 ·22	25 ·77	22
11	Sat. 9	8 ·08	15 ·34	22	10	Mon. 8	7 ·08	19 ·86	21	11	Sun. 9	10 ·29	26 ·87	23
12	Sun. 10	*Bahula.* 9 ·00 } 10 ·93	16 ·28	*H.* 1085 *Shawwal.* 23	11	Tues. 9	8 ·04	20 ·86	22	12	Mon. 10	11 ·37	27 ·98	24
					12	Wed. 10	9 ·03	21 ·89	23	13	Tues. 11	12 ·46	... ...	25
13	Mon. 11	11 ·87	17 ·24	24	13	Thur. 11	10 ·03	22 ·93	24	14	Wed. 12	13 ·55	1 ·09	26
14	Tues. 12	12 ·83	18 ·22	25	14	Fri. 12	11 ·06	23 ·99	25	15	Thur. 13	14 ·61	2 ·18	27
15	Wed. 13	13 ·80	19 ·21	26	15	Sat. 13	12 ·10	... ...	26	16	Fri. 14	—A ·66	3 ·28	28
16	Thur. 14	14 ·81	20 ·22	27	16	Sun. 14	13 ·15	24 ·07	27	17	Sat. 15	1 ·70	4 ·35	—29
17	Fri. 15	—A ·83	21 ·25	28	17	Mon. 15	14 ·23	25 ·16	28	18	Sun. 16	2 ·71	5 ·39	1
18	Sat. 16	1 ·88	22 ·30	—29	18	Tues. 16	—A ·32	26 ·27	29	19	Mon. 17	3 ·70	6 ·42	2
19	Sun. 17	2 ·94	23 ·38	1	19	Wed. 17	1 ·41	27 ·38	—30	20	Tues. 18	4 ·68	7 ·43	3
20	Mon. 18	... ...	24 ·47	2	20	Thur. 18	2 ·49	1 ·49	1	21	Wed. 19	5 ·64	8 ·43	4
21	Tues. 19	3 ·01	25 ·57	3	21	Fri. 19	3 ·56	2 ·58	2	22	Thur. 20	6 ·56	9 ·40	5
22	Wed. 20	4 ·10	26 ·67	4	22	Sat. 20	4 ·61	3 ·66	3	23	Fri. 21	7 ·48	10 ·35	6
23	Thur. 21	5 ·19	27 ·78	5	23	Sun. 21	5 ·65	4 ·73	4	24	Sat. 22	8 ·39	11 ·30	7
24	Fri. 22	6 ·28	1 ·89	6	24	Mon. 22	6 ·66	5 ·76	5	25	Sun. 23	9 ·29	12 ·23	8
25	Sat. 23	7 ·35	2 ·97	7	25	Tues. 23	7 ·65	6 ·78	6	26	Mon. 24	10 ·19	13 ·16	9
26	Sun. 24	8 ·41	... ...	8	26	Wed. 24	8 ·63	7 ·78	7			{ 11 ·09		
27	Mon. 25	9 ·44	3 ·04	9	27	Thur. 25	9 ·58	8 ·76	8	27	Tues. 25	{ 12 ·99	14 ·10	10
28	Tues. 26	10 ·47	4 ·09	10	28	Fri. 26	10 ·52	9 ·72	9					
—29	Wed. 27	*Māgha.* 11 ·46	5 ·12	11	29	Sat. 27	11 ·45	10 ·68	10	28	Wed. 26	13 ·89	15 ·03 } 16 ·97 }	11
1	Thur. 28	12 ·44	6 ·13	12	—30	Sun. 28	12 ·36	11 ·62	11	29	Thur. 27	14 ·80	17 ·91	12
2	Fri. 29	13 ·40	7 ·13	13	1	Mon. 29	13 ·26	12 ·55	12	30	Fri. 28	P ·73	18 ·87	13
3	Sat. 30	14 ·33	8 ·10	14	2	Tues. 30	14 ·16	13 ·48	13	31	Sat. 29	1 ·67	19 ·85	14
4	Sun. 31	P ·27	9 ·06	15			{ P ·06			—32	Sun. 30	2 ·63	20 ·83	15
					3	Wed. 31	{ 1 ·96	14 ·42	14	1	Mon. 31	3 ·60	21 ·84	16
	Feb.					**April.**					**June.**			
Ananda.					*Rākshasa.*		*Sukla.* **Chaitra.**					*Bahula.*		
			10 ·00 }		4	Thur. 1	2 ·86	15 ·36	15	2	Tues. 1	4 ·60	22 ·86	17
5	Mon. 1	1 ·18	11 ·94 }	16	5	Fri. 2	3 ·77	16 ·30	16	3	Wed. 2	5 ·61	23 ·91	18
		{ 2 ·09			6	Sat. 3	4 ·70	17 ·25	17	4	Thur. 3	6 ·65	24 ·99	19
6	Tues. 2	{ 3 ·99	12 ·88	17	7	Sun. 4	5 ·64	18 ·21	18	5	Fri. 4	7 ·70	... ...	20
7	Wed. 3	4 ·89	13 ·81	18	8	Mon. 5	6 ·60	19 ·18	19	6	Sat. 5	8 ·76	25 ·07	21
8	Thur. 4	*Bahula.* 5 ·79	14 ·74	19	9	Tues. 6	7 ·59	20 ·19	20	7	Sun. 6	9 ·84	26 ·17	22
9	Fri. 5	6 ·70	15 ·67	20	10	Wed. 7	8 ·58	21 ·20	21	8	Mon. 7	10 ·93	27 ·28	23
10	Sat. 6	7 ·62	16 ·62	21	11	Thur. 8	9 ·61	22 ·24	22	9	Tues. 8	... ...	1 ·39	24
11	Sun. 7	8 ·55	17 ·58	22	12	Fri. 9	10 ·65	23 ·30	23	10	Wed. 9	11 ·02	2 ·49	25
12	Mon. 8	9 ·50	18 ·55	23	13	Sat. 10	11 ·71	24 ·38	24	11	Thur. 10	12 ·09	3 ·58	26
13	Tues. 9	10 ·45	19 ·53	24	14	Sun. 11	12 ·79	25 ·47	25	12	Fri. 11	13 ·14	4 ·65	27
14	Wed. 10	11 ·43	20 ·54	25	15	Mon. 12	13 ·87	26 ·58	26	13	Sat. 12	14 ·18	5 ·71	28
15	Thur. 11	12 ·43	21 ·56	26	16	Tues. 13	14 ·95	27 ·68	27	14	Sun. ● 13	—A ·19	6 ·74	29
16	Fri. 12	13 ·45	22 ·52	27	17	Wed. 14	... ...	1 ·79	28	15	Mon. 14	1 ·18	7 ·75	—30
17	Sat. 13	14 ·50	23 ·68	28	18	Thur. 15	—A ·03	2 ·88	29	16	Tues. 15	2 ·16	8 ·75	1
18	Sun. 14	—A ·56	24 ·77	29	19	Fri. 16	1 ·10	3 ·96	—30	17	Wed. 16	3 ·12	9 ·73	2
19	Mon. 15	1 ·64	25 ·86	—30	20	Sat. 17	2 ·15	... ...	1			{ 4 ·05		
20	Tues. 16	2 ·73	26 ·97	1	21	Sun. 18	*Sukla.* 3 ·19	4 ·04	2	18	Thur. 17	{ 5 ·97	10 ·68	3
21	Wed. 17	3 ·81	... ...	2	22	Mon. 19	4 ·20	5 ·08	3	19	Fri. 18	6 ·88	11 ·63	4
22	Thur. 18	4 ·89	27 ·08	3	23	Tues. 20	5 ·20	6 ·10	4	20	Sat. 19	7 ·78	12 ·58	5
23	Fri. 19	5 ·97	1 ·19	4	24	Wed. 21	6 ·18	7 ·10	5	21	Sun. 20	8 ·68	13 ·51	6
24	Sat. 20	... ...	2 ·28	5	25	Thur. 22	7 ·12	8 ·09	6	22	Mon. 21	9 ·58	14 ·44	7
25	Sun. 21	6 ·03	3 ·35	6	26	Fri. 23	{ 8 ·05	9 ·06	7	23	Tues. 22	10 ·48	15 ·37	8
26	Mon. 22	7 ·07	4 ·40	7			{ 9 ·98			24	Wed. 23	11 ·38	16 ·30	9
27	Tues. 23	8 ·08	5 ·44	8				10 ·02 }		25	Thur. 24	12 ·29	17 ·25	10
28	Wed. 24	9 ·07	6 ·46	9	27	Sat. 24	10 ·89	11 ·96 }	8	26	Fri. 25	13 ·22	18 ·21	11
29	Thur. 25	10 ·05	7 ·45	10	28	Sun. 25	11 ·80	12 ·89	9	27	Sat. 26	14 ·15	19 ·17	12
		{ 11 ·00			29	Mon. 26	12 ·70	13 ·82	10	28	Sun ○ 27	P ·10	20 ·16	13
—30	Fri. 26	{ 12 ·94	8 ·43	11	30	Tues. 27	13 ·59	14 ·76	11	29	Mon. 28	1 ·08	21 ·16	14
1	Sat. 27	13 ·87	9 ·39	12	—31	Wed. 28	14 ·49	15 ·69	12	30	Tues. 29	2 ·07	22 ·18	15
2	Sun. 28	14 ·79	10 ·34	13	1	Thur. 29	P ·39	16 ·63	13	—31	Wed. 30	3 ·08	23 ·23	16
					2	Fri. 30	1 ·30	17 ·58	14					

Ananda. **Makara—Tai.** | *Ananda.* **Kumbha—Māsi.** | *Ānanda.* **Mīna—Pāguni.** | *Rākshasa.* **Mēsha—Chittirai.** | *Rākshasa.* **Vrishabha—Vaigāsi.** | *Rākshasa.* **Mithuna—Āni.**

H. 1085 *Zi-l-ka'da.* | *H.* 1085 *Zi-l-hijja.* | *H.* 1086 *Muharram.* | *H.* 1086 *Safar.* | *H.* 1086 *Rabi-ul awwal.* | *H.* 1086 *Rabi-ul akhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12 U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1675. **Kollam 851,** Commences {**N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1086.** Commences **March 18.** **Vikrama 1732.** **Bengal San. 1081.** **(N. Cycle) Raktāksha.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
				Āshādha.													
				Bahula.					*Bahula.*						*Bahula.*		
Rākshasa. **Karkataka—Ādi.**						*Rākshasa.* **Kanyā—Purattāsi.**						*Rākshasa.* **Vṛiśchika—Kārttigai.**					
1	Thur.	1	4 ·12	24 ·29	17	—31	Wed.	1	7 ·61	4 ·57	20	1	Mon.	1	9 ·72	10 ·35	
2	Fri.	2	5 ·18	25 ·38	18	1	Thur.	2	8 ·65	5 ·65	21	2	Tues.	2	10 ·64	11 ·31	*H.* 1086 *Sha'bān.* 22
3	Sat.	3	6 ·25	26 ·48	19	2	Fri.	3	9 ·68	6 ·70	22	3	Wed.	3	11 ·56	12 ·26	23
4	Sun.	4	7 ·33	27 ·58	20	3	Sat.	4	10 ·67	7 ·72	23	4	Thur.	4	12 ·46	13 ·20	24
5	Mon.	5	8 ·41	1 ·69	21	4	Sun.	5	11 ·65	8 ·73	24	5	Fri.	5	13 ·37	14 ·14	25
6	Tues.	6	9 ·49	2 ·79	22	5	Mon.	6	12 ·61	9 ·73	25	6	Sat.	6	14 ·27	15 ·07	26
7	Wed.	7	10 ·56	3 ·89	23	6	Tues.	7	13 ·56	10 ·69	26	7	Sun.	7	—**A** ·18	16 ·00 / 17 ·93	27
8	Thur.	8	11 ·62	4 ·96	24	7	Wed.	8	14 ·48	11 ·65	27						*H.* 1086 *Rabī-ul ākhir.* 28
9	Fri.	9	12 ·65	... ...	25	8	Thur.	9	—**A** ·40	12 ·59	28	8	Mon.	8	1 ·08	18 ·87	— 29
10	Sat.	10	13 ·67	5 ·02	26	9	Fri.	10	1 ·30	13 ·53	—29	9	Tues.	9	2 ·00 / 3 ·93	19 ·83	1
11	Sun.	11	14 ·66	6 ·06	27	10	Sat.	11	2 ·20	14 ·45	1	10	Wed.	10	4 ·86	20 ·80	2
12	Mon.	12	—**A** ·64	7 ·08	28	11	Sun.	12	3 ·10	15 ·39	2	11	Thur.	11	5 ·82	21 ·78	3
13	Tues.	13	1 ·59	8 ·08	—29	12	Mon.	13	4 ·00 / 5 ·90	16 ·33	3	12	Fri.	12	6 ·80	22 ·78	4
14	Wed.	14	2 ·52	9 ·06	1	13	Tues.	14	6 ·81	17 ·26	4	13	Sat.	13	7 ·81	23 ·80	5
15	Thur.	15	3 ·45	10 ·02 / 11 ·97	2	14	Wed.	15	7 ·74	18 ·21	5	14	Sun.	14	8 ·83	24 ·85	6
16	Fri.	16	4 ·37	12 ·92	3	15	Thur.	16	8 ·68	19 ·16	6	15	Mon.	15	9 ·86	25 ·91	7
17	Sat.	17	5 ·27	13 ·85	4	16	Fri.	17	9 ·63	20 ·13	7	16	Tues.	16	10 ·92	26 ·98	8
18	Sun.	18	6 ·17	14 ·78	5	17	Sat.	18	10 ·61	21 ·13	8	17	Wed.	17	... ...	... ...	9
19	Mon.	19	7 ·07 / 8 ·97	15 ·71	6	18	Sun.	19	11 ·60	22 ·14	9	18	Thur.	18	11 ·00	27 ·08	10
20	Tues.	20	9 ·88	16 ·64	7	19	Mon.	20	12 ·62	23 ·17	10	19	Fri.	19	12 ·09	1 ·18	11
21	Wed.	21	10 ·78	17 ·59	8	20	Tues.	21	13 ·65	24 ·22	11	20	Sat.	20	13 ·17	2 ·30	12
22	Thur.	22	11 ·69	18 ·54	9	21	Wed.	22	14 ·71	25 ·28	12	21	Sun.	21	14 ·25	3 ·40	13
				Śrāvaṇa.					**Āśvina.**						**Mārgaśirsha.**		
				Sukla.					*Sukla.*						*Sukla.*		
22	Fri.	23	12 ·63	19 ·50	10	22	Thur.	23	**P** ·78	26 ·38	13	22	Mon.	22	**P** ·33	4 ·49	14
23	Sat.	24	13 ·59	20 ·48	11	23	Fri.	24	1 ·86	27 ·48	14	23	Tues.	23	1 ·40	5 ·57	15
24	Sun.	25	14 ·57	21 ·48	12	24	Sat.	25	2 ·95	1 ·59	15	24	Wed.	24	2 ·44	6 ·63	16
25	Mon.	26	**P** ·56	22 ·50	13	25	Sun.	26	... ...	2 ·69	16	25	Thur.	25	3 ·46	7 ·67	*H.* 1086 *Ramazān.* 17
26	Tues.	27	1 ·56	23 ·54	14	26	Mon.	27	3 ·03	3 ·79	*H.* 1086 *Rajab.* 17	26	Fri.	26	4 ·45	8 ·70	18
27	Wed.	28	2 ·60	24 ·60	15	27	Tues.	28	4 ·10	4 ·89	18	27	Sat.	27	5 ·43	9 ·70	19
28	Thur.	29	3 ·65	25 ·68	16	28	Wed.	29	5 ·16	5 ·96	19	28	Sun.	28	6 ·40	10 ·68	20
29	Fri.	30	4 ·72	26 ·77	17	29	Thur.	30	6 ·21	... ...	20	29	Mon.	29	7 ·34	11 ·65	21
30	Fri.	31	5 ·80	27 ·87	*H.* 1086 *Jamāda'l awwal.* 18							—30	Tues.	30	8 ·27	12 ·61	22
	Aug.						**Oct.**						**Dec.**				
				Bhādrapada.					**Kārttika.**						**Pausha.**		
				Bahula.					*Bahula.*						*Bahula.*		
—32	Sun.	1	6 ·88	1 ·99	19	—30	Fri.	1	7 ·23	6 ·01	21	1	Wed.	1	9 ·18	13 ·54	23
1	Mon.	2	7 ·97	... ...	20	1	Sat.	2	8 ·24	7 ·04	22	2	Thur.	2	10 ·09	14 ·48	24
2	Tues.	3	... ...	2 ·09	21	2	Sun.	3	9 ·21	8 ·05	23	3	Fri.	3	11 ·00 / 12 ·90	15 ·41	25
3	Wed.	4	8 ·05	3 ·19	22	3	Mon.	4	10 ·18	9 ·05	24	4	Sat.	4	13 ·80	16 ·34	26
4	Thur.	5	9 ·10	4 ·27	23	4	Tues.	5	11 ·12	10 ·02 / 11 ·98	25	5	Sun.	5	14 ·70	17 ·27	27
5	Fri.	6	10 ·13	5 ·33	24	5	Wed.	6	12 ·04 / 13 ·96	12 ·93	26	6	Mon.	6	—**A** ·62	18 ·22	28
6	Sat.	7	11 ·16	6 ·38	25							7	Tues.	7	1 ·55	19 ·16	29
7	Sun.	8	12 ·15	7 ·40	26	6	Thur.	7	14 ·86	13 ·86	27	8	Wed.	8	2 ·50	20 ·13	—30
8	Mon.	9	13 ·13	8 ·40	27	7	Fri.	8	—**A** ·77	14 ·80	28	9	Thur.	9	3 ·46	21 ·11	1
9	Tues.	10	14 ·09	9 ·38	28	8	Sat.	9	1 ·66	15 ·73	29	10	Fri.	10	4 ·45	22 ·10	2
															Dhanus—Mārgaḷi.		
						Rākshasa. **Tulā—Aippaśi.**						*Rākshasa.*					
10	Wed.	11	**A** ·03 / 1 ·95	10 ·35	29	9	Sun.	10	2 ·57	16 ·66	— 30	11	Sat.	11	5 ·44	23 ·12	3
11	Thur.	12	2 ·86	11 ·31	—30	10	Mon.	11	3 ·47	17 ·60	1	12	Sun.	12	6 ·46	24 ·16	4
12	Fri.	13	3 ·77	12 ·25	1	11	Tues.	12	4 ·39	18 ·54	2	13	Mon.	13	7 ·51	25 ·21	5
13	Sat.	14	4 ·67	13 ·19	2	12	Wed.	13	5 ·32	19 ·49	3	14	Tues.	14	8 ·57	26 ·29	6
14	Sun.	15	5 ·56	14 ·12	3	13	Thur.	14	6 ·26	20 ·47	4	15	Wed.	15	9 ·65	27 ·38	7
15	Mon.	16	6 ·46	15 ·05 / 16 ·99	4	14	Fri.	15	7 ·21	21 ·46	5	16	Thur.	16	10 ·74	1 ·48	8
16	Tues.	17	7 ·37	17 ·93	5	15	Sat.	16	8 ·19	22 ·46	6	17	Fri.	17	11 ·83	2 ·59	9
17	Wed.	18	8 ·28	18 ·87	6	16	Sun.	17	9 ·19	23 ·48	7	18	Sat.	18	12 ·91	3 ·70	10
18	Thur.	19	9 ·20	19 ·83	7	17	Mon.	18	10 ·20	24 ·58	8	19	Sun.	19	13 ·98	4 ·80	11
19	Fri.	20	10 ·14	20 ·81	8	18	Tues.	19	11 ·23	25 ·60	9	20	Mon.	20	... ...	5 ·88	12
20	Sat.	21	11 ·09	21 ·81	9	19	Wed.	20	12 ·30	26 ·68	10	21	Tues.	21	14 ·04	6 ·94	13
21	Sun.	22	12 ·07	22 ·82	10	20	Thur.	21	13 ·38	27 ·78	11	22	Wed.	◯22	**P** ·08	... ...	14
22	Mon.	23	13 ·06	23 ·85	11	21	Fri.	22	14 ·46	1 ·88	12	23	Thur.	23	1 ·11	7 ·00	15
23	Tues.	24	14 ·08	24 ·91	12	22	Sat.	23	**P** ·54	2 ·99	13	24	Fri.	24	2 ·10	8 ·02	16
24	Wed.	25	**P** ·11	25 ·98	13	23	Sun.	24	1 ·63	... ..	14	25	Sat.	25	3 ·08	9 ·03	17
25	Thur.	26	1 ·17	... ..	14	24	Mon.	25	2 ·70	3 ·10	15	26	Sun.	26	4 ·04 / 5 ·99	10 ·01 / 11 ·98	18
26	Fri.	27	2 ·23	26 ·07	15	25	Tues.	26	3 ·76	4 ·19	16						
27	Sat.	28	3 ·30	27 ·18	16	26	Wed.	27	4 ·81	5 ·27	17	27	Mon.	27	6 ·91	12 ·94	19
28	Sun.	29	4 ·38	1 ·29	17	27	Thur.	28	5 ·83	6 ·32	18	28	Tues.	28	7 ·83	13 ·88	20
29	Mon.	30	5 ·47	2 ·39	18	28	Fri.	29	6 ·83	7 ·36	19	—29	Wed.	29	8 ·74	14 ·82	21
30	Tues.	31	6 ·56	3 ·49	19	29	Sat.	30	7 ·80	8 ·37	20	1	Thur.	30	9 ·64	15 ·75	22
						—30	Sun.	31	8 ·77	9 ·38	21	2	Fri.	31	10 ·54	16 ·68	23

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1676. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·66.** **Śaka 1598.** **Kaliyuga 4777.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·57.** **(S. Cycle) Anala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Sat.	1	11 ·45	17 ·62	24	4	Wed.	1	12 ·35	22 ·08	25	4	Mon.	1	14 ·62	... ...	27
4	Sun.	2	12 ·36	18 ·56	25	5	Thur.	2	13 ·33	23 ·08	26	5	Tues.	2	—**A** ·70	2 ·09	28
5	Mon.	3	13 ·27	19 ·50	26	6	Fri.	3	14 ·33	24 ·10	27	6	Wed.	3	1 ·79	3 ·19	—29
6	Tues.	4	14 ·20	20 ·46	27	7	Sat.	4	—**A** ·36	25 ·14	28	7	Thur.	4	2 ·87	4 ·30	1
7	Wed.	5	—**A** ·15	21 ·43	28	8	Sun.	5	1 ·40	26 ·21	—29	8	Fri.	5	3 ·94	5 ·40	2
8	Thur.	6	1 ·10	22 ·43	—29	9	Mon.	6	2 ·46	27 ·29	1	9	Sat.	6	4 ·99	6 ·49	3
9	Fri.	7	2 ·09	23 ·44	1	10	Tues.	7	3 ·54	1 ·38	2	10	Sun.	7	... ...	7 ·56	4
10	Sat.	8	3 ·09	24 ·47	2	11	Wed.	8	4 ·63	2 ·49	3	11	Mon.	8	5 ·02	8 ·61	5
11	Sun.	9	4 ·12	25 ·52	3	12	Thur.	9	5 ·71	3 ·60	4	12	Tues.	9	6 ·03	9 ·64	6
12	Mon.	10	5 ·15	26 ·59	4	13	Fri.	10	6 ·80	4 ·71	5	13	Wed.	10	7 ·02	10 ·65	7
13	Tues.	11	6 ·22	27 ·68	5	14	Sat.	11	7 ·87	5 ·80	6	14	Thur.	11	8 ·00	11 ·63	8
14	Wed.	12	7 ·30	1 ·78	6	15	Sun.	12	8 ·92	6 ·88	7				9 ·94		
15	Thur.	13	8 ·39	2 ·89	7	16	Mon.	13	9 ·96	7 ·94	8	15	Fri.	12	10 ·87	12 ·61	9
16	Fri.	14	9 ·48	... ...	8	17	Tues.	14	10 ·96	8 ·97	9	16	Sat.	13	11 ·80	13 ·57	10
17	Sat.	15	10 ·57	3 ·00	9	18	Wed.	15	11 ·95	... ...	10	17	Sun.	14	12 ·71	14 ·52	11
18	Sun.	16	11 ·64	4 ·10	10	19	Thur.	16	12 ·92	9 ·00	11	18	Mon.	15	13 ·61	15 ·45	12
19	Mon.	17	12 ·69	5 ·18	11					10 ·00		19	Tues.	16	14 ·50	16 ·38	13
20	Tues.	18	13 ·74	6 ·26	12	20	Fri.	17	13 ·88	11 ·98	12	20	Wed.	17	☽ ·40	17 ·31	14
21	Wed.	19	14 ·75	7 ·31	13	21	Sat.	18	14 ·82	12 ·94	13	21	Thur.	18	1 ·30	18 ·25	15
22	Thur.	20	☽ ·74	8 ·34	14	22	Sun.	19	☽ ·75	13 ·89	14	22	Fri.	19	2 ·20	19 ·19	16
23	Fri.	21	1 ·72	9 ·35	15	23	Mon.	20	1 ·66	14 ·83	15	23	Sat.	20	3 ·12	20 ·13	17
24	Sat.	22	2 ·68	10 ·34	16	24	Tues.	21	2 ·56	15 ·77	16	24	Sun.	21	4 ·05	21 ·09	18
25	Sun.	23	3 ·62	11 ·32	17	25	Wed.	22	3 ·45	16 ·70	17				5 ·99		
26	Mon.	24	4 ·54	12 ·28	18	26	Thur.	23	4 ·35	17 ·63	18	25	Mon.	22	6 ·95	22 ·06	19
27	Tues.	25	5 ·46	13 ·22	19	27	Fri.	24	5 ·26	18 ·57	19	26	Tues.	23	7 ·93	23 ·05	20
28	Wed.	26	6 ·37	14 ·16	20	28	Sat.	25	6 ·17	19 ·50	20	27	Wed.	24	8 ·92	24 ·06	21
—29	Thur.	27	7 ·27	15 ·09	21	29	Sun.	26	7 ·09	20 ·46	21	28	Thur.	25	9 ·95	25 ·09	22
				16 ·03					8 ·01			29	Fri.	26	10 ·98	26 ·13	23
1	Fri.	28	8 ·17	17 ·96	22	30	Mon.	27	9 ·95	21 ·43	22	30	Sat.	27	... ...	27 ·20	24
			9 ·07						10 ·92			31	Sun.	28	11 ·04	1 ·29	25
2	Sat.	29	10 ·98	18 ·89	23	—31	Tues.	28	11 ·90	22 ·40	23	—32	Mon.	29	12 ·12	2 ·39	26
3	Sun.	30	11 ·90	19 ·84	24	1	Wed.	29	12 ·90	23 ·40	24	1	Tues.	30	13 ·20	3 ·50	27
4	Mon.	31	12 ·83	20 ·79	25	2	Thur.	30	13 ·92	24 ·41	25	2	Wed.	31	14 ·28	4 ·60	28
	Feb.						**April.**						**June.**				
5	Tues.	1	13 ·78	21 ·76	26	4	Sat.	1	14 ·96	26 ·52	27	3	Thur.	●1	—**A** ·36	5 ·70	29
6	Wed.	2	14 ·73	22 ·75	27	5	Sun.	2	... ...	27 ·59	28	4	Fri.	2	1 ·43	6 ·79	—30
7	Thur.	3	—**A** ·72	23 ·76	28	6	Mon.	3	—**A** ·02	1 ·68	29	5	Sat.	3	2 ·47	7 ·88	1
8	Fri.	4	1 ·72	24 ·78	29	7	Tues.	4	1 ·10	2 ·79	—30	6	Sun.	4	3 ·50	8 ·92	2
9	Sat.	5	2 ·75	25 ·83	—30	8	Wed.	5	2 ·19	3 ·90	1	7	Mon.	5	4 ·52	9 ·96	3
10	Sun.	6	3 ·79	26 ·89	1	9	Thur.	6	3 ·28	... ...	2	8	Tues.	6	5 ·50	10 ·97	4
11	Mon.	7	4 ·86	27 ·99	2	10	Fri.	7	4 ·36	4 ·01	3	9	Wed.	7	6 ·48	11 ·96	5
12	Tues.	8	5 ·94	... ...	3	11	Sat.	8	5 ·42	5 ·10	4	10	Thur.	8	7 ·43	12 ·95	6
13	Wed.	9	... ...	1 ·09	4	12	Sun.	9	6 ·48	6 ·18	5	11	Fri.	9	8 ·38	13 ·90	7
14	Thur.	10	6 ·03	2 ·19	5	13	Mon.	10	7 ·51	7 ·25	6	12	Sat.	10	9 ·30	14 ·85	8
15	Fri.	11	7 ·11	3 ·30	6	14	Tues.	11	8 ·52	8 ·29	7	13	Sun.	11	10 ·21	15 ·79	9
16	Sat.	12	8 ·19	4 ·40	7	15	Wed.	12	9 ·51	9 ·32	8	14	Mon.	12	11 ·11	16 ·72	10
17	Sun.	13	9 ·26	5 ·50	8	16	Thur.	13	10 ·47	10 ·32	9				12 ·00		
18	Mon.	14	10 ·32	6 ·57	9	17	Fri.	14	11 ·42	11 ·31	10	15	Tues.	13	13 ·90	17 ·66	11
19	Tues.	15	11 ·36	7 ·62	10	18	Sat.	15	12 ·36	12 ·27	11	16	Wed.	14	14 ·79	18 ·59	12
20	Wed.	16	12 ·37	8 ·66	11	19	Sun.	16	13 ·29	13 ·23	12	17	Thur.	15	☽ ·70	19 ·52	13
21	Thur.	17	13 ·37	9 ·67	12	20	Mon.	17	14 ·20	14 ·18	13	18	Fri.	16	1 ·61	20 ·46	14
22	Fri.	18	14 ·34	10 ·67	13	21	Tues.	18	☽ ·11	15 ·11	14	19	Sat.	17	2 ·54	21 ·42	15
23	Sat.	19	☽ ·29	11 ·65	14	22	Wed.	19	1 ·00	16 ·04	15	20	Sun.	18	3 ·47	22 ·39	16
24	Sun.	20	1 ·23	12 ·61	15				2 ·90	17 ·97		21	Mon.	19	4 ·42	23 ·38	17
25	Mon.	21	2 ·16	13 ·56	16	23	Thur.	20	3 ·80	18 ·90	16	22	Tues.	20	5 ·41	24 ·38	18
26	Tues.	22	3 ·08	14 ·50	17	24	Fri.	21	4 ·70	19 ·84	17	23	Wed.	21	6 ·40	25 ·40	19
			4 ·98			25	Sat.	22	5 ·62	20 ·80	18	24	Thur.	22	7 ·42	26 ·44	20
27	Wed.	23	5 ·88	15 ·44	18	26	Sun.	23	6 ·55	21 ·76	19	25	Fri.	23	8 ·46	27 ·51	21
28	Thur.	24	6 ·78	16 ·37	19	27	Mon.	24	7 ·50	22 ·73	20	26	Sat.	24	9 ·52	1 ·60	22
29	Fri.	25	7 ·68	17 ·29	20	28	Tues.	25	8 ·45	23 ·72	21	27	Sun.	25	10 ·58	2 ·69	23
—30	Sat.	26	8 ·59	18 ·23	21	29	Wed.	26	9 ·42	24 ·74	22	28	Mon.	26	11 ·66	3 ·80	24
1	Sun.	27	9 ·51	19 ·17	22	—30	Thur.	27	10 ·42	25 ·77	23	29	Tues.	27	12 ·75	4 ·90	25
2	Mon.	28	10 ·44	20 ·12	23	1	Fri.	28	11 ·45	26 ·82	24	30	Wed.	28	13 ·83	... ...	26
3	Tues.	29	11 ·38	21 ·10	24	2	Sat.	29	12 ·50	27 ·90	25	31	Thur.	29	14 ·90	5 ·00	27
						3	Sun.	30	13 ·55	1 ·98	26	—32	Fri.	30	-**A** ·95	6 ·10	28

Rakshasa. **Makara—Tai.** Śukla. **Māgha.** Bahula. H. 1086 *Ẓi-l-ka'da.*
Rakshasa. **Kumbha—Māgh.** Śukla. **Phālguna.** Bahula. H. 1086 *Ẓi-l-ḥijja.*
Rakshasa. **Mīna—Pāṅguni.** Śukla. **Chaitra.** Bahula. H. 1087 *Muḥarram.*
Anala. **Mēsha—Chittirai.** Śukla. **Vaiśākha.** Bahula. H. 1087 *Ṣafar.*
Anala. **Vrishabha—Vaigāsi.** Śukla. **Jyeshtha.** Bahula. H. 1087 *Rabi-ul awwal.*
Anala. **Mithuna—Āni.** Śukla. **Āshāḍha.** Bahula. H. 1087 *Rabi-ul akhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1676. **Kollam 852,** { **N. Malabar—Sep.** **Hijra 1087.** **Vikrama 1733.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **March 6.** **Bengal San. 1082.**
P—Paurnimā. **(N. Cycle) Krodhana.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Anala. **Karkaṭaka—Ādi.** 1	Sat. 1	1 ·98	7 ·18	—29
2	Sun. 2	2 ·99	8 ·24	1
3	Mon. 3	3 ·99	9 ·28	2
4	Tues. 4	4 ·96	10 ·29	3
5	Wed. 5	5 ·91	11 ·30	4
6	Thur. 6	6 ·85	12 ·28	5
7	Fri. 7	7 ·77	13 ·24	6
8	Sat. 8	8 ·68	14 ·19	7
9	Sun. 9	9 ·58	15 ·13	8
10	Mon. 10	10 ·48	16 ·07	9
11	Tues. 11	11 ·38	17 ·00 / 18 ·93	10
12	Wed. 12	12 ·28	19 ·86	11
13	Thur. 13	13 ·18	20 ·80	12
14	Fri. 14	14 ·09	21 ·75	13
15	Sat. 15	P 1 ·01 / 1 ·95	22 ·72	14
16	Sun. 16	2 ·91	23 ·70	15
17	Mon. 17	3 ·89	24 ·70	16
18	Tues. 18	4 ·87	25 ·71	17
19	Wed. 19	5 ·90	26 ·75	18
20	Thur. 20	6 ·93	27 ·82	19
21	Fri. 21	7 ·98	1 ·90	20
22	Sat. 22	... ...	2 ·99	21
23	Sun. 23	8 ·05	... ...	22
24	Mon. 24	9 ·14	3 ·09	23
25	Tues. 25	10 ·23	4 ·20	24
26	Wed. 26	11 ·31	5 ·31	25
27	Thur. 27	12 ·37	6 ·41	26
28	Fri. 28	13 ·42	7 ·49	27
29	Sat. 29	14 ·47	8 ·55	28
30	Sun. 30	—A ·48	9 ·59	29
—31	Mon. 31	1 ·47	10 ·62	—30
	Aug.			
Anala. **Siṁha—Āvaṇi.** 1	Tues. 1	2 ·44	11 ·62	1
2	Wed. 2	3 ·40	12 ·60	2
3	Thur. 3	4 ·35	13 ·57	3
4	Fri. 4	5 ·27	14 ·52	4
5	Sat. 5	6 ·18	15 ·47	5
6	Sun. 6	7 ·08 / 8 ·98	16 ·41	6
7	Mon. 7	9 ·83	17 ·34	7
8	Tues. 8	10 ·78	18 ·27	8
9	Wed. 9	11 ·68	19 ·20	9
10	Thur. 10	12 ·59	20 ·14	10
11	Fri. 11	13 ·52	21 ·09	11
12	Sat. 12	14 ·46	22 ·05	12
13	Sun. 13	P 1 ·41	23 ·03	13
14	Mon. 14	1 ·38	24 ·02	14
15	Tues. 15	2 ·38	25 ·03	15
16	Wed. 16	3 ·39	26 ·07	16
17	Thur. 17	4 ·44	27 ·13	17
18	Fri. 18	5 ·49	1 ·20	18
19	Sat. 19	6 ·56	2 ·29	19
20	Sun. 20	7 ·63	3 ·39	20
21	Mon. 21	8 ·71	4 ·51	21
22	Tues. 22	9 ·80	5 ·61	22
23	Wed. 23	10 ·88	6 ·71	23
24	Thur. 24	11 ·94	7 ·79	24
25	Fri. 25	12 ·97	8 ·86	25
26	Sat. 26	13 ·99	9 ·92	26
27	Sun. 27	14 ·99	10 ·94	27
28	Mon. 28	—A ·96	11 ·95	28
29	Tues. 29	1 ·92	12 ·93	—29
30	Wed. 30	2 ·86	13 ·90	1
—31	Thur. 31	3 ·79	14 ·86	2

Śukla. **Adhika Śrāvaṇa.** *Bahula.* **Wija Śrāvaṇa.** *H.* 1087 *Jamāda'l awwal.* *H.* 1087 *Jamāda'l ākhir.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
Anala. **Kanyā—Puraṭṭāsi.** 1	Fri. 1	4 ·69	15 ·81	3
2	Sat. 2	5 ·60	16 ·74	4
3	Sun. 3	6 ·50	17 ·67	5
4	Mon. 4	7 ·40	18 ·60	6
5	Tues. 5	8 ·30	19 ·53	7
6	Wed. 6	9 ·20	20 ·48	8
7	Thur. 7	10 ·12	21 ·43	9
8	Fri. 8	11 ·05 / 12 ·99	22 ·38	10
9	Sat. 9	13 ·93	23 ·35	11
10	Sun. 10	14 ·91	24 ·34	12
11	Mon. 11	P 1 ·91	25 ·36	13
12	Tues. 12	1 ·92	26 ·39	14
13	Wed. 13	2 ·97	27 ·44	15
14	Thur. 14	... ...	1 ·51	16
15	Fri. 15	3 ·02	2 ·59	17
16	Sat. 16	4 ·09	3 ·70	18
17	Sun. 17	5 ·17	4 ·81	19
18	Mon. 18	6 ·26	5 ·91	20
19	Tues 19	7 ·34	... ...	21
20	Wed. 20	8 ·42	6 ·01	22
21	Thur. 21	9 ·48	7 ·10	23
22	Fri. 22	10 ·51	8 ·18	24
23	Sat. 23	11 ·53	9 ·23	25
24	Sun. 24	12 ·53	10 ·26	26
25	Mon. 25	13 ·51	11 ·27	27
26	Tues. 26	14 ·48	12 ·26	28
27	Wed. 27	—A ·42	13 ·23	29
28	Thur. 28	1 ·34	14 ·20	—30
29	Fri. 29	2 ·24	15 ·15	1
—30	Sat. 30	3 ·15	16 ·08	2
	Oct.			
Anala. **Tulā—Aippaśi.** 1	Sun. 1	4 ·06 / 5 ·96	17 ·01 / 18 ·94	3
2	Mon. 2	6 ·86	19 ·88	4
3	Tues. 3	7 ·76	20 ·82	5
4	Wed. 4	8 ·68	21 ·76	6
5	Thur. 5	9 ·61	22 ·71	7
6	Fri. 6	10 ·56	23 ·68	8
7	Sat. 7	11 ·51	24 ·67	9
8	Sun. 8	12 ·49	25 ·68	10
9	Mon. 9	13 ·48	26 ·70	11
10	Tues. 10	14 ·49	27 ·75	12
11	Wed. 11	P ·54	1 ·81	13
12	Thur. 12	1 ·60	2 ·90	14
13	Fri. 13	2 ·67	... ...	15
14	Sat. 14	3 ·75	3 ·00	16
15	Sun. 15	4 ·84	4 ·10	17
16	Mon. 16	5 ·93	5 ·21	18
17	Tues. 17	.. ...	6 ·31	19
18	Wed. 18	6 ·01	7 ·40	20
19	Thur. 19	7 ·06	8 ·49	21
20	Fri. 20	8 ·10	9 ·54	22
21	Sat. 21	9 ·13	10 ·58	23
22	Sun. 22	10 ·12	11 ·59	24
23	Mon. 23	11 ·10	12 ·59	25
24	Tues. 24	12 ·06	13 ·57	26
25	Wed. 25	13 ·01 / 14 ·93	14 ·53	27
26	Thur. 26	—A ·84	15 ·48	28
27	Fri. 27	1 ·75	16 ·42	—29
28	Sat. 28	2 ·65	17 ·35	1
29	Sun. 29	3 ·55	18 ·29	2
—30	Mon. 30	4 ·45	19 ·22	3
1	Tues. 31	5 ·37	20 ·15	4

Śukla. **Bhādrapada.** *Bahula.* **Āśvina.** *H.* 1087 *Rijab.* *H.* 1087 *Śha'bān.*

SOLAR. reckoning. Cyclic sidereal year, month and day.	SOLAR. reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
Anala. **Vṛiśchika—Kārttigai.** 2	Wed. 1	6 ·29	21 ·09	5
3	Thur. 2	7 ·21	22 ·04	6
4	Fri. 3	8 ·15	23 ·02	7
5	Sat. 4	9 ·10	24 ·00	8
6	Sun. 5	10 ·09	25 ·00	9
7	Mon. 6	11 ·10	26 ·02	10
8	Tues. 7	12 ·11	27 ·06	11
9	Wed. 8	13 ·15	1 ·12	12
10	Thur. 9	14 ·22	2 ·20	13
11	Fri. 10	P ·30	3 ·30	14
12	Sat. 11	1 ·38	4 ·40	15
13	Sun. 12	2 ·47	5 ·51	16
14	Mon. 13	3 ·55	6 ·62	17
15	Tues. 14	4 ·63	7 ·72	18
16	Wed. 15	5 ·68	8 ·79	19
17	Thur. 16	6 ·73	9 ·85	20
18	Fri. 17	7 ·75	10 ·89	21
19	Sat. 18	8 ·74	11 ·92	22
20	Sun. 19	9 ·72	12 ·92	23
21	Mon. 20	10 ·67	13 ·90	24
22	Tues. 21	11 ·62	14 ·87	25
23	Wed. 22	12 ·55	15 ·82	26
24	Thur. 23	13 ·47	16 ·76	27
25	Fri. 24	14 ·38	17 ·70	28
26	Sat. 25	—A ·28	18 ·63	29
27	Sun. 26	1 ·18	19 ·56	—30
28	Mon. 27	2 ·08 / 3 ·99	20 ·49	1
29	Tues. 28	4 ·91	21 ·43	2
—30	Wed. 29	5 ·84	22 ·39	3
1	Thur. 30	6 ·78	23 ·35	4
	Dec.			
Anala. **Dhanus—Mārgali.** 2	Fri. 1	7 ·74	24 ·32	5
3	Sat. 2	8 ·73	25 ·32	6
4	Sun. 3	9 ·72	26 ·33	7
5	Mon. 4	10 ·75	27 ·37	8
6	Tues. 5	11 ·80	1 ·43	9
7	Wed. 6	12 ·87	2 ·51	10
8	Thur. 7	13 ·95	3 ·60	11
9	Fri. 8	... ...	4 ·70	12
10	Sat. 9	14 ·04	5 ·80	13
11	Sun. 10	P ·12	6 ·92	14
12	Mon. 11	1 ·20	... ...	15
13	Tues. 12	2 ·27	7 ·02	16
14	Wed. 13	3 ·33	8 ·10	17
15	Thur. 14	4 ·37	9 ·16	18
16	Fri. 15	5 ·38	10 ·21	19
17	Sat. 16	6 ·39	11 ·24	20
18	Sun. 17	7 ·36	12 ·25	21
19	Mon. 18	8 ·32	13 ·23	22
20	Tues. 19	9 ·26	14 ·20	23
21	Wed. 20	10 ·18	15 ·15	24
22	Thur. 21	11 ·10	16 ·10	25
23	Fri. 22	12 ·01 / 13 ·92	17 ·04 / 18 ·97	26
24	Sat. 23	14 ·82	19 ·90	27
25	Sun. 24	—A ·72	20 ·83	28
26	Mon. 25	1 ·63	21 ·77	—29
27	Tues. 26	2 ·54	22 ·72	1
28	Wed. 27	3 ·48	23 ·68	2
—29	Thur. 28	4 ·43	24 ·65	3
1	Fri. 29	5 ·39	25 ·64	4
2	Sat. 30	6 ·37	26 ·65	5
3	Sun. 31	7 ·38	27 ·69	6

Bahula. **Kārttika.** *Śukla.* **Mārgaśirsha.** *H.* 1087 *Ramazán.* *H.* 1087 *Shawwál.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1677. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·92.** **Śaka 1599.** **Kaliyuga 4778.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·83.** **(S. Cycle) Piṅgala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Mon.	1	*Sukla.* 8 ·40	1 ·74	7	4	Thur.	1	8 ·94	5 ·71	6	3	Tues.	1	9 ·35	11 ·82	8
5	Tues.	2	9 ·44	2 ·81	8	5	Fri.	2	... ...	6 ·82	7	4	Wed.	2	10 ·34	12 ·86	9
6	Wed.	3	10 ·51	3 ·90	9	6	Sat.	3	9 ·03	7 ·92	8	5	Thur.	3	11 ·34	13 ·87	10
7	Thur.	4	11 ·59	... ...	10	7	Sun.	4	10 ·11	... ...	9	6	Fri.	4	12 ·31	14 ·85	11
8	Fri.	5	12 ·68	4 ·00	11	8	Mon.	5	11 ·17	8 ·01	10	7	Sat.	5	13 ·25	15 ·82	12
9	Sat.	6	13 ·77	5 ·11	12	9	Tues.	6	12 ·22	9 ·09	11	8	Sun.	6	14 ·19	16 ·78	13
10	Sun.	7	14 ·85	6 ·22	13	10	Wed.	7	13 ·25	10 ·16	12	9	Mon.○	7	☿ 11	17 ·73	14
11	Mon.	8	☿ ·92	7 ·31	14	11	Thur.	8	14 ·26	11 ·20	13	10	Tues.	8	1 ·02	18 ·67	15
12	Tues.	9	1 ·98	8 ·40	15	12	Fri.	9	☿ ·25	12 ·21	14				2 ·92		
13	Wed.	10	... ...	9 ·47	16	13	Sat.	10	1 ·22	13 ·21	15	11	Wed.	9	3 ·82	19 ·60	16
14	Thur.	11	2 ·02	10 ·53	17	14	Sun.	11	2 ·18	14 ·20	16	12	Thur.	10	4 ·72	20 ·53	17
15	Fri.	12	3 ·03	11 ·55	18	15	Mon.	12	3 ·12	15 ·16	17	13	Fri.	11	5 ·62	21 ·46	18
16	Sat.	13	4 ·03	12 ·57	19	16	Tues.	13	4 ·04	16 ·11	18	14	Sat.	12	6 ·52	22 ·40	19
17	Sun.	14	5 ·01	13 ·56	20				5 ·95	17 ·05		15	Sun.	13	7 ·43	23 ·35	20
18	Mon.	15	6 ·97	14 ·53	21	17	Wed.	14	6 ·85	18 ·99	19	16	Mon.	14	8 ·36	24 ·31	21
19	Tues.	16	7 ·90	15 ·50	22	18	Thur.	15	7 ·75	19 ·92	20	17	Tues.	15	9 ·30	25 ·28	22
20	Wed.	17	8 ·82	16 ·44	23	19	Fri.	16	8 ·65	20 ·85	21	18	Wed.	16	10 ·27	26 ·26	23
21	Thur.	18	9 ·74	17 ·38	24	20	Sat.	17	9 ·56	21 ·78	22	19	Thur.	17	11 ·25	27 ·28	24
22	Fri.	19	10 ·65	18 ·31	25	21	Sun.	18	10 ·47	22 ·72	23	20	Fri.	18	12 ·25	1 ·31	25
23	Sat.	20	11 ·55	19 ·24	26	22	Mon.	19	11 ·38	23 ·67	24	21	Sat.	19	13 ·26	2 ·35	26
24	Sun.	21	12 ·45	20 ·17	27	23	Tues.	20	12 ·31	24 ·64	25	22	Sun.	20	14 ·31	3 ·42	27
25	Mon.	22	13 ·36	21 ·11	28	24	Wed.	21	13 ·26	25 ·62	26	23	Mon.●	21	—A ·38	4 ·51	28
26	Tues.	23	14 ·26	22 ·05	29	25	Thur.	22	14 ·22	26 ·62	27	24	Tues.	22	1 ·45	5 ·61	29
27	Wed.	24	—A ·18	23 ·01	—30	26	Fri.	23	—A ·21	27 ·63	28	25	Wed.	23	2 ·53	6 ·72	—30
28	Thur.	25	1 ·12	24 ·98	1	27	Sat.	24	1 ·21	1 ·67	29	26	Thur.	24	3 ·61	7 ·82	1
29	Fri.	26	2 ·07	25 ·96	2	28	Sun.	25	2 ·24	2 ·74	—30	27	Fri.	25	4 ·69	8 ·92	2
—30	Sat.	27	3 ·03	26 ·98	3	29	Mon.	26	3 ·28	3 ·81	1	28	Sat.	26	5 ·75	... ...	3
1	Sun.	28	4 ·01	.. ...	4	30	Tues.	27	4 ·34	4 ·90	2	29	Sun.	27	6 ·80	9 ·01	4
2	Mon.	29	5 ·01	27 ·00	5	—31	Wed.	28	5 ·42	... ...	3	30	Mon.	28	7 ·84	10 ·09	5
3	Tues.	30	*Sukla.* 6 ·05	1 ·05	6	1	Thur.	29	*Sukla.* 6 ·51	5 ·00	4	—31	Tues.	29	8 ·84	11 ·15	6
4	Wed.	31	7 ·10	2 ·12	7	2	Fri.	30	7 ·60	6 ·11	5	1	Wed.	30	9 ·83	12 ·18	7
			8 ·16	3 ·20		3	Sat.	31	8 ·67	7 ·22	6	2	Thur.	31	10 ·80	13 ·19	8
	Feb.						**April.**						**June.**				
5	Thur.	1	9 ·23	4 ·30	8	4	Sun.	1	9 ·73	8 ·32	7	3	Fri.	1	11 ·76	14 ·18	9
6	Fri.	2	10 ·32	5 ·41	9	5	Mon.	2	10 ·78	9 ·40	8	4	Sat.	2	12 ·69	15 ·16	10
7	Sat.	3	11 ·40	6 ·52	10	6	Tues.	3	11 ·82	10 ·47	9	5	Sun.	3	13 ·61	16 ·12	11
8	Sun.	4	12 ·49	7 ·62	11	7	Wed.	4	12 ·82	11 ·51	10	6	Mon.	4	14 ·52	17 ·07	12
9	Mon.	5	13 ·56	8 ·71	12	8	Thur.	5	13 ·81	12 ·54	11	7	Tues.	5	☿ ·42	18 ·01	13
10	Tues.	6	14 ·62	9 ·79	13	9	Fri.	6	14 ·78	13 ·54	12					19 ·94	
11	Wed.	7	☿ ·65	10 ·84	14	10	Sat.	7	☿ ·73	14 ·53	13	8	Wed.	6	1 ·31	20 ·87	14
12	Thur.	8	1 ·67	11 ·88	15	11	Sun.	8	1 67	15 ·49	14	9	Thur.	7	2 ·21	21 ·80	15
13	Fri	9	2 ·66	12 ·89	16	12	Mon.	9	2 ·59	16 ·45	15	10	Fri.	8	3 ·12	22 ·74	16
14	Sat.	10	3 ·63	13 ·88	17	13	Tues.	10	3 ·51	17 ·39	16	11	Sat.	9	4 ·02	23 ·68	17
15	Sun.	11	4 ·58	14 ·86	18	14	Wed.	11	4 ·41	18 ·33	17				5 ·93		
16	Mon.	12	5 ·51	15 ·83	19	15	Thur.	12	5 ·31	19 ·26	18	12	Sun.	10	6 ·86	24 ·64	18
17	Tues	13	6 ·44	16 ·78	20	16	Fri.	13	6 ·20	20 ·19	19	13	Mon.	11	7 ·79	25 ·60	19
18	Wed.	14	7 ·36	17 ·71	21	17	Sat.	14	7 ·10	21 ·12	20	14	Tues.	12	8 ·75	26 ·59	20
19	Thur.	15	8 ·27	18 ·65	22				8 ·01			15	Wed.	13	9 ·73	27 ·60	21
20	Fri.	16	9 ·17	19 ·58	23	18	Sun.	15	9 ·93	22 ·06	21	16	Thur.	14	10 ·74	1 ·62	22
21	Sat.	17	10 ·07	20 ·51	24				10 ·86	23 ·01		17	Fri.	15	11 ·75	2 ·66	23
			11 ·97			19	Mon.	16		24 ·97	22	18	Sat.	16	12 ·79	3 ·73	24
22	Sun.	18	12 ·88	21 ·45	25	20	Tues.	17	11 ·80	25 ·95	23	19	Sun.	17	13 ·85	4 ·81	25
23	Mon.	19	13 ·80	22 ·39	26	21	Wed.	18	12 ·76	26 ·94	24	20	Mon.	18	14 ·92	5 ·91	26
24	Tues.	20	14 ·73	23 ·34	27	22	Thur.	19	13 ·75	27 ·95	25	21	Tues.	19	... ...	... ...	27
25	Wed.	21	—A ·68	24 ·31	28	23	Fri.	20	14 ·73	1 ·99	26	22	Wed.	20	—A ·00	6 ·02	28
26	Thur.	22	1 ·64	25 ·30	29	24	Sat.	21	—A ·77	... ...	27	23	Thur.	21	1 ·08	7 ·13	—29
27	Fri.	23	2 ·68	26 ·30	—30	25	Sun.	22	1 ·82	2 ·04	28	24	Fri.	22	2 ·16	8 ·23	1
28	Sat.	24	3 ·62	27 ·32	1	26	Mon.	23	2 ·88	3 ·12	—29	25	Sat.	23	3 ·23	9 ·32	2
—29	Sun.	25	4 ·65	1 ·36	2	27	Tues.	24	3 ·95	4 ·20	1	26	Sun.	24	4 ·28	10 ·40	3
1	Mon.	26	5 ·71	2 ·42	3	28	Wed.	25	... ..	5 ·30	2	27	Mon.	25	5 ·32	11 ·46	4
2	Tues.	27	*Sukla.* 6 ·78	3 ·50	4	29	Thur.	26	4 ·03	6 ·41	3	28	Tues.	26	6 ·32	12 ·50	5
3	Wed.	28	7 ·86	4 ·60	5	30	Fri.	27	5 ·11	7 ·52	4	29	Wed.	27	7 ·31	13 ·51	6
						—31	Sat.	28	6 ·19	8 ·62	5	30	Thur.	28	8 ·28	14 ·51	7
						1	Sun.	29	7 ·26	9 ·71	6	31	Fri.	29	9 ·23	15 ·50	8
						2	Mon.	30	8 ·31	10 ·78	7	—32	Sat.	30	10 ·16	16 ·46	9

Anala. **Makara—Tai.** *Pausha.* *Bahula.* *Anala.* **Kumbha—Māśi.** *Māgha.* *Bahula.* *Anala.* **Mīna—Paṅguni.** *Phālguna.* *Bahula.* *Pingala.* **Mēsha—Chittirai.** *Chaitra.* *Bahula.* *Pingala.* **Vrishabha—Vaigāśi.** *Vaiśākha.* *Bahula.* *Pingala.* **Mithuna—Āni.** *Jyeshtha.* *Bahula.*

Sukla. *Sukla.* *Sukla.* *Sukla.* *Sukla.* *Sukla.*

H. 1087 *Zi-l-ka'da.* *H.* 1087 *Zi-l-hijja.* *H.* 1088 *Muharram.* *H.* 1088 *Safar.* *H.* 1088 *Rabi-ul awwal.* *H.* 1088 *Rabi-ul ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1677. **Kollam 853,** {**N. Malabar—Sep.** **Hijra 1088,** **Vikrama 1734.**
A—Amāvāsyā. Commences {**S. Malabar—Aug.** Commences **Feb. 24.** **Bengal San. 1083.**
P—Paurnimā. **(N. Cycle) Kshaya.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Piṅgala. **Karkaṭaka—Āḍi.**	**July.**			
1	Sun. 1	11 ·09 / 12 ·99	17 ·41	10
2	Mon. 2	13 ·89	18 ·35	11
3	Tues. 3	14 ·79	19 ·28	12
4	Wed. 4	**Ashādha.** P ·69	20 ·21	13
5	Thr. 5	1 ·59	21 ·15	14
6	Fri. 6	2 ·49	22 ·08	15
7	Sat. 7	3 ·41	23 ·02 / 24 ·97	16
8	Sun. 8	*Bahula.* 4 ·33	25 ·94	17
9	Mon. 9	5 ·27	26 ·92	18
10	Tues. 10	6 ·23	27 ·92	19
11	Wed. 11	7 ·21	1 ·93	20
12	Thur. 12	8 ·21	2 ·97	21
13	Fri. 13	9 ·22	... ...	23
14	Sat. 14	10 ·26	3 ·03	23
15	Sun. 15	11 ·31	4 ·12	24
16	Mon. 16	12 ·39	5 ·21	25
17	Tues. 17	13 ·47	6 ·31	26
18	Wed. 18	14 ·56	7 ·42	27
19	Thur. 19	—A ·63	8 ·53	28
20	Fri. 20	1 ·70	9 ·63	29
21	Sat. 21	2 ·76	10 ·71	—30
22	Sun. 22	3 ·79	11 ·77	1
23	Mon. 23	*Śukla.* 4 ·81	12 ·81	2
24	Tues. 24	5 ·79	13 ·83	3
25	Wed. 25	6 ·76	14 ·83	4
26	Thur. 26	7 ·71	15 ·82	5
27	Fri. 27	8 ·65	16 ·80	6
28	Sat. 28	**Śrāvaṇa.** 9 ·58	17 ·74	7
29	Sun. 29	10 ·49	18 ·68	8
30	Mon. 30	11 ·39	19 ·62	9
—31	Tues. 31	12 ·29	20 ·56	10
	Aug.			
1	Wed. 1	13 ·19	21 ·48	11
2	Thur. 2	14 ·09 / P ·99	22 ·42	12
3	Fri. 3	1 ·90	23 ·35	13
4	Sat. 4	2 ·82	24 ·30	14
5	Sun. 5	3 ·76	25 ·27	15
6	Mon. 6	4 ·72	26 ·25	16
7	Tues. 7	*Bahula.* 5 ·71	27 ·24	17
8	Wed. 8	6 ·71	1 ·25	18
9	Thur. 9	7 ·71	2 ·28	19
10	Fri. 10	8 ·75	3 ·34	20
11	Sat. 11	9 ·81	4 ·42	21
12	Sun. 12	10 ·89	5 ·51	22
13	Mon. 13	11 ·97	6 ·61	23
14	Tues. 14	... ...	7 ·72	24
15	Wed. 15	12 ·05	8 83	25
16	Thur. 16	13 ·13	9 ·93	26
17	Fri. 17	14 ·21	... ...	27
18	Sat. 18	—A ·26	10 ·01	28
19	Sun. 19	1 ·29	11 ·08	—29
20	Mon. 20	2 ·32	12 ·13	1
21	Tues. 21	3 ·30	13 ·15	2
22	Wed. 22	4 ·27	14 ·17	3
23	Thur. 23	5 ·23	15 ·15	4
24	Fri. 24	6 ·17	16 ·12	5
25	Sat. 25	*Śukla.* 7 ·09	17 ·08	6
26	Sun. 26	8 ·01 / 9 ·91	18 ·02 / 19 ·96	7
27	Mon. 27	10 ·80	20 ·89	8
28	Tues. 28	11 ·70	21 ·82	9
29	Wed. 29	**Bhād.** 12 ·59	22 ·75	10
30	Thur. 30	13 ·50	23 ·69	11
—31	Fri. 31	14 ·42	24 ·64	12

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Piṅgala. **Kanyā—Purattāsi.**	**Sep.**			
1	Sat. 1	*Bahula.* P ·35	25 ·60	13
2	Sun. 2	1 ·29	26 ·57	14
3	Mon. 3	2 ·24	27 ·56	15
4	Tues. 4	3 ·23	1 ·57	16
5	Wed. 5	4 ·23	2 ·61	17
6	Thur. 6	5 ·24	3 ·66	18
7	Fri. 7	6 ·28	4 ·73	19
8	Sat. 8	7 ·34	5 ·81	20
9	Sun. 9	8 ·40	6 ·91	21
10	Mon. 10	9 ·48	·: ·:	22
11	Tues. 11	10 ·57	7 ·02	23
12	Wed. 12	11 ·65	8 ·13	24
13	Thur. 13	12 ·73	9 ·23	25
14	Fri. 14	13 ·79	10 ·32	26
15	Sat. 15	14 ·83	11 ·39	27
16	Sun. 16	—A ·85	12 ·44	28
17	Mon. 17	1 ·84	13 ·48	29
18	Tues. 18	2 ·81	14 ·49	—30
19	Wed. 19	3 ·78	15 ·48	1
20	Thur. 20	4 ·71	16 ·45	2
21	Fri. 21	5 ·63	17 ·41	3
22	Sat. 22	6 ·55	18 ·37	4
23	Sun. 23	*Śukla.* 7 ·45	19 ·30	5
24	Mon. 24	8 ·36	20 ·23	6
25	Tues. 25	9 ·26	21 ·16	7
26	Wed. 26	10 ·16	22 ·09	8
27	Thur. 27	11 ·06 / 12 ·97	23 ·04 / 24 ·98	9
28	Fri. 28	13 ·90	25 ·93	10
29	Sat. 29	14 ·85	26 ·90	11
30	Sun. 30	P ·81	27 ·88	12
	Oct.			
—31	Mon. 1	*Bahula.* 1 ·79	1 ·90	13
1	Tues. 2	2 ·79	2 ·92	14
2	Wed. 3	3 ·81	3 ·97	15
3	Thur. 4	4 ·84	... ...	16
4	Fri. 5	5 ·90	4 ·03	17
5	Sat. 6	6 ·97	5 ·11	18
6	Sun. 7	·: ·:	6 ·21	19
7	Mon. 8	7 ·06	7 ·32	20
8	Tues. 9	8 ·15	8 ·43	21
9	Wed. 10	9 ·23	9 ·53	22
10	Thur. 11	10 ·31	10 ·62	23
11	Fri. 12	11 ·37	11 ·70	24
12	Sat. 13	12 ·41	12 ·76	25
13	Sun. 14	13 ·43	13 ·80	26
14	Mon. 15	14 ·42	14 ·81	27
15	Tues. 16	—A ·39	15 ·81	28
16	Wed. 17	1 ·36	16 ·78	—29
17	Thur. 18	*Śukla.* 2 ·29	17 ·75	1
18	Fri. 19	3 ·21	18 ·70	2
19	Sat. 20	4 ·13	19 ·64	3
20	Sun. 21	5 ·04 / 6 ·94	20 ·57	4
21	Mon. 22	7 ·84	21 ·50	5
22	Tues. 23	8 ·74	22 ·44	6
23	Wed. 24	9 ·65	23 ·37	7
24	Thur. 25	10 ·56	24 ·31	8
25	Fri. 26	**Kārtika.** 11 ·49	25 ·26	9
26	Sat. 27	12 ·43	26 ·23	10
27	Sun. 28	13 ·40	27 ·21	11
28	Mon. 29	14 ·38	1 ·22	12
29	Tues. ○ 30	P ·39	2 ·24	13
—30	Wed. 31	1 ·41	3 ·28	14

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Piṅgala. **Vṛiśchika—Kārttigai.**	**Nov.**			
1	Thur. 1	*Bahula.* 2 ·45	4 ·33	15
2	Fri. 2	3 ·50	5 ·41	16
3	Sat. 3	4 ·58	6 ·51	17
4	Sun. 4	5 ·67	7 ·62	18
5	Mon. 5	6 ·77	8 ·73	19
6	Tues. 6	7 ·85	9 ·83	20
7	Wed. 7	8 ·92	10 ·93	21
8	Thur. 8	9 ·98	... ...	22
9	Fri. 9	... ...	11 ·01	23
10	Sat. 10	10 ·03	12 ·07	24
11	Sun. 11	11 ·04	13 ·11	25
12	Mon. 12	12 ·03	14 ·13	26
13	Tues. 13	13 ·00 / 14 ·97	15 ·13	27
14	Wed. 14	—A ·91	16 ·12	28
15	Thur. 15	1 ·84	17 ·08	29
16	Fri. 16	2 ·75	18 ·04 / 19 ·98	—30
17	Sat. 17	3 ·66	20 ·91	1
18	Sun. 18	*Śukla.* 4 ·56	21 ·85	2
19	Mon. 19	5 ·46	22 ·78	3
20	Tues. 20	6 ·36	23 ·71	4
21	Wed. 21	7 ·27	24 ·65	5
22	Thur. 22	8 ·19	25 ·60	6
23	Fri. 23	9 ·11	26 ·56	7
24	Sat. 24	**Śrāvaṇa.** 10 ·06	27 ·54	8
25	Sun. 25	11 ·03	1 ·54	9
26	Mon. 26	12 ·01	2 ·55	10
27	Tues. 27	13 ·02	3 ·59	11
28	Wed. 28	14 ·05	4 ·64	12
—29	Thur. 29	P ·10	5 ·73	13
1	Fri. 30	1 ·15	6 ·82	14
	Dec.			
2	Sat. 1	2 ·23	7 ·92	15
3	Sun. 2	3 ·33	... ...	16
4	Mon. 3	4 ·41	8 ·03	17
5	Tues. 4	5 ·49	9 ·14	18
6	Wed. 5	6 ·57	10 ·24	19
7	Thur. 6	*Bahula.* 7 ·63	11 ·32	20
8	Fri. 7	8 ·66	12 ·38	21
9	Sat. 8	9 ·69	13 ·43	22
10	Sun. 9	10 ·67	14 ·45	23
11	Mon. 10	11 ·65	15 ·47	24
12	Tues. 11	12 ·60	16 ·45	25
13	Wed. 12	13 ·54	17 ·42	26
14	Thur. 13	14 ·47	18 ·37	27
15	Fri. 14	—A ·39	19 ·31	28
16	Sat. 15	1 ·28	20 ·25	—29
17	Sun. 16	2 ·19	21 ·19	1
18	Mon. 17	3 ·09 / 4 ·99	22 ·12	2
19	Tues. 18	5 ·91	23 ·05 / 24 ·98	3
20	Wed. 19	6 ·83	25 ·93	4
21	Thur. 20	7 ·76	26 ·90	5
22	Fri. 21	*Śukla.* 8 ·71	27 ·87	6
23	Sat. 22	9 ·67	1 ·86	7
24	Sun. 23	10 ·66	2 ·87	8
25	Mon. 24	11 ·66	3 ·90	9
26	Tues. 25	12 ·69	4 ·96	10
27	Wed. 26	13 ·74	... ...	11
28	Thur. 27	14 ·80	5 ·03	12
—29	Fri. 28	**Pausha.** P ·88	6 ·12	13
1	Sat. 29	1 ·97	7 ·22	14
2	Sun. 30	... ...	8 ·32	15
3	Mon. 31	2 ·08	9 ·44	16

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1678. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·18.** **Śaka 1600.** **Kaliyuga 4779.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·09.** **(S. Cycle) Kālayukta.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Piṅgala. **Makara—Tai.** 4	Tues.	1	*Śukla.* **Pausha.** 3 ·14	10 ·54	17	3	Fri.	1	*Bahula.* 3 ·57	14 ·42	17	3	Wed.	1	*Bahula.* 5 ·33	21 ·89	19
5	Wed.	2	4 ·21	11 ·62	18	4	Sat.	2	4 ·56	15 ·43	18	4	Thur.	2	6 ·23	22 ·82	20
6	Thur.	3	5 ·27	12 ·69	19	5	Sun.	3	5 ·52	16 ·43	19	5	Fri.	3	7 ·13	23 ·75	21
7	Fri.	4	6 ·31	13 ·74	20	6	Mon.	4	6 ·48	17 ·41	20	6	Sat.	4	8 ·03 / 9 ·93	24 ·68	22
8	Sat.	5	7 ·33	14 ·78	21	7	Tues.	5	7 ·41	18 ·38	21						
9	Sun.	6	8 ·31	15 ·79	22	8	Wed.	6	8 ·33	19 ·33	22	7	Sun.	5	10 ·83	25 ·62	23
10	Mon.	7	9 ·29	16 ·78	23	9	Thur.	7	9 ·24	20 ·27	23	8	Mon.	6	11 ·75	26 ·56	24
11	Tues.	8	10 ·25	17 ·74	24	10	Fri.	8	10 ·14	21 ·20	24	9	Tues.	7	12 ·67	27 ·52	25
12	Wed.	9	11 ·19	18 ·70	25	11	Sat.	9	11 ·05 / 12 ·94	22 ·13	25	10	Wed.	8	13 ·63	1 ·50	26
13	Thur.	10	12 ·11	19 ·65	26							11	Thur.	9	14 ·59	2 ·48	27
14	Fri.	11	13 ·02 / 14 ·92	20 ·60	27	12	Sun.	10	13 ·85	23 ·07 / 24 ·00	26	12	Fri.	10	—**A** ·58	3 ·49	28
15	Sat.	12	—**A** ·82	21 ·53	28	13	Mon.	11	14 ·76	25 ·94	27	13	Sat.	11	1 ·57	4 ·52	29
16	Sun.	13	1 ·72	22 ·46	29	*Piṅgala.* **Mīna—Pāṅguni.** 14	Tues.	12	—**A** ·68	26 ·89	28	14	Sun.	12	2 ·60	5 ·57	—30
17	Mon.	14	2 ·63	23 ·39	—30	15	Wed.	13	1 ·61	27 ·85	29	15	Mon.	13	3 ·65	6 ·64	1
18	Tues.	15	3 ·55	24 ·32	1	16	Thur.	14	2 ·56	1 ·84	—30	16	Tues.	14	4 ·71	7 ·73	2
19	Wed.	16	4 ·47	25 ·27	2	17	Fri.	15	3 ·53	2 ·84	1	*Kālayukta.* **Vṛishabha—Vaigāśi.** 17	Wed.	15	5 ·78	8 ·82	3
20	Thur.	17	5 ·40	26 ·23	3	18	Sat.	16	4 ·51	3 ·86	2	18	Thur.	16	6 ·36	9 ·93	4
21	Fri.	18	6 ·35	27 ·20	4	19	Sun.	17	5 ·52	4 ·89	3	19	Fri.	17	7 ·95	... ...	5
22	Sat.	19	7 ·31	1 ·18	5	20	Mon.	18	6 ·55	5 ·95	4	20	Sat.	18	... ...	10 ·04	6
23	Sun.	20	8 ·30	2 ·19	6	21	Tues.	19	7 ·59	... ...	5	21	Sun.	19	8 ·03	11 ·14	7
24	Mon.	21	9 ·31	3 ·22	7	22	Wed.	20	8 ·66	6 ·02	6	22	Mon.	20	9 ·09	12 ·23	8
25	Tues.	22	10 ·34	4 ·27	8	23	Thur.	21	9 ·74	7 ·12	7	23	Tues.	21	10 ·14	13 ·31	9
26	Wed.	23	11 ·39	5 ·34	9	24	Fri.	22	10 ·83	8 ·23	8	24	Wed.	22	11 ·16	14 ·36	10
27	Thur.	24	12 ·45	6 ·42	10	25	Sat.	23	11 ·92	9 ·33	9	25	Thur.	23	12 ·17	15 ·40	11
28	Fri.	25	13 ·53	7 ·52	11	26	Sun.	24	... ...	10 ·44	10	26	Fri.	24	13 ·15	16 ·41	12
29	Sat.	26	14 ·62	8 ·63	12	27	Mon.	25	12 ·00	11 ·53	11	27	Sat.	25	14 ·13	17 ·40	13
—30	Sun.	27	**P** ·71	9 ·74	13	28	Tues.	26	13 ·06	12 ·62	12	28	Sun.	26	**P** ·08	18 ·38	14
1	Mon.	28	1 ·79	10 ·84	14	29	Wed.	27	14 ·11	13 ·69	13	29	Mon.	27	1 ·01 / 2 ·92	19 ·33	15
2	Tues.	29	2 ·87	11 ·93	15	—30	Thur.	28	**P** ·14	14 ·73	14	30	Tues.	28	3 ·82	20 ·28	16
3	Wed.	30	3 ·92	... ...	16	1	Fri.	29	1 ·14	15 ·75	15	—31	Wed.	29	4 ·73	21 ·23	17
4	Thur.	31	4 ·95	12 ·00	17	2	Sat.	30	2 ·13	16 ·75	16	1	Thur.	30	5 ·63	22 ·16	18
						3	Sun.	31	3 ·09	17 ·75	17	2	Fri.	31	6 ·53	23 ·09	19
	Feb.						**April.**						**June.**				
Piṅgala. **Kumbha—Māśi.** 5	Fri.	1	*Bahula.* 5 ·96	13 ·06	18	4	Mon.	1	4 ·04 / 5 ·97	18 ·71	18	3	Sat.	1	*Bahula.* 7 ·43	24 ·02 / 25 ·95	20
6	Sat.	2	6 ·94	14 ·10	19	5	Tues.	2	6 ·89	19 ·67	19	4	Sun.	2	8 ·33	26 ·89	21
7	Sun.	3	7 ·92	15 ·11	20	6	Wed.	3	7 ·80	20 ·61	20	5	Mon.	3	9 ·25	27 ·84	22
8	Mon.	4	8 ·87	16 ·10	21	*Kālayukta.* **Mēsha—Chittirai.** 7	Thur.	4	8 ·70	21 ·54	21	6	Tues.	4	10 ·17	1 ·82	23
9	Tues.	5	9 ·81	17 ·08	22	8	Fri.	5	9 ·61	22 ·48	22	7	Wed.	5	11 ·11	2 ·81	24
10	Wed.	6	10 ·73	18 ·04	23	9	Sat.	6	10 ·50	23 ·41	23	8	Thur.	6	12 ·07	3 ·81	25
11	Thur.	7	11 ·65	19 ·00 / 20 ·93	24	10	Sun.	7	11 ·41	24 ·34	24	9	Fri.	7	13 ·06	4 ·84	26
12	Fri.	8	12 ·55	21 ·86	25	11	Mon.	8	12 ·31	25 ·28	25	10	Sat.	8	14 ·06	5 ·88	27
13	Sat.	9	13 ·46	22 ·79	26	12	Tues.	9	13 ·23	26 ·23	26	11	Sun.	9	—**A** ·08	6 ·95	28
14	Sun.	10	14 ·35	23 ·72	27	13	Wed.	10	14 ·16	27 ·18	27	12	Mon.	10	1 ·12	... ...	—29
15	Mon.	11	—**A** ·25	24 ·67	28	14	Thur.	11	—**A** ·11	1 ·17	28	13	Tues.	11	2 ·18	7 ·03	1
16	Tues.	12	1 ·16	25 ·61	—29	15	Fri.	12	1 ·07	2 ·16	—29	14	Wed.	12	3 ·25	8 ·12	2
17	Wed.	13	2 ·08	26 ·56	1	16	Sat.	13	2 ·05	3 ·17	1	15	Thur.	13	4 ·33	9 ·23	3
18	Thur.	14	3 ·02 / 4 ·97	27 ·53	2	17	Sun.	14	3 ·06	4 ·20	2	16	Fri.	14	5 ·42	10 ·34	4
19	Fri.	15	5 ·94	1 ·51	3	18	Mon.	15	4 ·09	5 ·25	3	17	Sat.	15	6 ·49	11 ·45	5
20	Sat.	16	6 ·92	2 ·52	4	19	Tues.	16	5 ·14	6 ·33	4	18	Sun.	16	7 ·56	12 ·54	6
21	Sun.	17	7 ·92	3 ·54	5	20	Wed.	17	6 ·20	7 ·42	5	19	Mon.	17	8 ·61	13 ·61	7
22	Mon.	18	8 ·96	4 ·58	6	21	Thur.	18	7 ·28	8 ·53	6	20	Tues.	18	9 ·65	14 ·68	8
23	Tues.	19	... ...	5 ·64	7	22	Fri.	19	8 ·37	9 ·63	7	21	Wed.	19	10 ·65	15 ·72	9
24	Wed.	20	9 ·01	6 ·72	8	23	Sat.	20	9 ·45	10 ·74	8	22	Thur.	20	11 ·63	16 ·73	10
25	Thur.	21	10 ·08	7 ·82	9	24	Sun.	21	10 ·52	11 ·85	9	23	Fri.	21	12 ·61	17 ·73	11
26	Fri.	22	11 ·16	8 ·93	10	25	Mon.	22	11 ·58	12 ·93	10	24	Sat.	22	13 ·56	18 ·70	12
27	Sat.	23	12 ·25	.. ...	11	26	Tues.	23	12 ·64	... ...	11	25	Sun.	23	14 ·49	19 ·67	13
28	Sun.	24	13 ·33	9 ·04	12	27	Wed.	24	13 ·67	13 ·00	12	26	Mon.	24	**P** ·40	20 ·63	14
29	Mon.	25	14 ·40	10 ·14	13	28	Thur.	25	14 ·68	14 ·04	13	27	Tues.	25	1 ·31	21 ·56	15
—30	Tues.	26	**P** ·47	11 ·23	14	29	Fri. ○	26	**P** ·66	15 ·07	14	28	Wed.	26	2 ·21	22 ·50	16
1	Wed.	27	1 ·53	12 ·31	15	30	Sat.	27	1 ·62	16 ·09	15	29	Thur.	27	3 ·11	23 ·43	17
2	Thur.	28	2 ·57	13 ·38	16	—31	Sun.	28	2 ·57	17 ·07	16	30	Fri.	28	4 ·01 / 5 ·91	24 ·36	18
						1	Mon.	29	3 ·50	18 ·04	17	31	Sat.	29	6 ·81	25 ·30	19
						2	Tues.	30	4 ·43	19 ·00 / 20 ·94	18	—32	Sun.	30	7 ·72	26 ·24	20

H. 1088 *Zi-l-ka'da.* — *H.* 1088 *Zi-l-hijja.* — *H.* 1089 *Muharram.* — *H.* 1089 *Safar.* — *H.* 1089 *Rabī-ul awwal.* — *H.* 1089 *Rabī-ul ākhir.* — *H.* 1089 *Jamāda'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1678. **Kollam 854,** { **N. Malabar—Sep.** **Hijra 1089.** **Vikrama 1735.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 13.** **Bengal San. 1084.**
P—Paurnimā. **(N. Cycle) Prabhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Kálayukta. **Karkaṭaka—Ādi.** 1	Mon.	1	8 ·65	27 ·19	21	—32	Sun.	1	11 ·65	... ...	24	1	Fri.	1	12 ·22	13 ·15	26
2	Tues.	2	*Bahula.* 9 ·59	1 ·15	22	1	Mon.	2	12 ·72	8 ·04	25	2	Sat.	2	13 ·27	14 ·22	27
3	Wed.	3	10 ·55	2 ·13	23	2	Tues.	3	13 ·81	9 ·13	26	3	Sun.	3	14 ·30	15 ·29	28
4	Thur.	4	11 ·54	3 ·14	24	3	Wed.	4	14 ·89	10 ·24	27	4	Mon.	4	—**A** ·33	16 ·33	29
5	Fri.	5	12 ·53	4 ·16	25	4	Thur.	5	—**A** ·98	11 ·35	28	5	Tues.	5	1 ·31	17 ·35	—30
6	Sat.	6	13 ·56	5 ·19	26	5	Fri.	6	....	12 ·45	29	6	Wed.	6	2 ·29	18 ·35	1
7	Sun.	7	14 ·60	6 ·25	27	6	Sat.	7	1 ·05	13 ·54	—30	7	Thur.	7	3 ·24	19 ·33	2
8	Mon.	8	—**A** ·65	7 ·33	28	7	Sun.	8	2 ·11	14 ·61	1	8	Fri.	8	4 ·19	20 ·29	3
9	Tues.	9	1 ·72	8 ·43	29	8	Mon.	9	*Sukla.* 3 ·14	15 ·66	2	9	Sat.	9	5 ·12	21 ·26	4
10	Wed.	10	2 ·81	9 ·53	—30	9	Tues.	10	4 ·16	16 ·69	3	10	Sun.	10	6 ·04 / 7 ·94	22 ·20	5
11	Thur.	11	3 ·89	10 ·64	1	10	Wed.	11	5 ·14	17 ·71	4						
12	Fri.	12	4 ·96	11 ·75	2	11	Thur.	12	6 ·11	18 ·70	5	11	Mon.	11	8 ·83	23 ·13	6
13	Sat.	13	... ...	12 ·84	3	12	Fri.	13	7 ·08	19 ·67	6	12	Tues.	12	9 ·74	24 ·06 / 25 ·99	7
14	Sun.	14	*Sukla.* 5 ·03	13 ·92	4	13	Sat.	14	8 ·01 / 9 ·93	20 ·63	7						
15	Mon.	15	6 ·09	14 ·99	5							13	Wed.	13	10 ·65	26 ·03	8
16	Tues.	16	7 ·12	... ...	6	14	Sun.	15	10 ·84	21 ·57	8	14	Thur.	14	11 ·56	27 ·87	9
17	Wed.	17	8 ·13	15 ·03	7	15	Mon.	16	11 ·75	22 ·52	9	15	Fri.	15	12 ·47	1 ·82	10
18	Thur.	18	9 ·12	16 ·05	8	16	Tues.	17	12 ·65	23 ·45	10	16	Sat.	16	13 ·40	2 ·78	11
19	Fri.	19	10 ·09	17 ·05	9	17	Wed.	18	13 ·55	24 ·38	11	17	Sun.	17	14 ·35	3 ·75	12
20	Sat.	20	11 ·03 / 12 ·97	18 ·03	10	18	Thur.	19	14 ·45	25 ·31	12	18	Mon.	18	**P** ·81	4 ·76	13
				19 ·01 / 20 ·96		19	Fri.	20	**Āśvina.** **P** ·35	26 ·25	13	19	Tues.	19	1 ·30	5 ·77	14
21	Sun.	21	13 ·89		11	20	Sat.	21	1 ·27	27 ·19	14	20	Wed.	20	2 ·30	6 ·81	15
22	Mon.	22	**Śrāvaṇa.** 14 ·80	21 ·90	12	21	Sun.	22	2 ·20	1 ·15	15	21	Thur.	21	3 ·33	7 ·86	16
23	Tues.	23	**P** ·70	22 ·84	13	22	Mon.	23	3 ·15	2 ·12	16	22	Fri.	22	4 ·37	8 ·94	17
24	Wed.	24	1 ·60	23 ·76	14	23	Tues.	24	4 ·10	3 ·10	17	23	Sat.	23	5 ·44	... ...	18
25	Thur.	25	2 ·50	24 ·70	15	24	Wed.	25	5 ·08	4 ·11	18	24	Sun.	24	6 ·51	9 ·04	19
26	Fri.	26	3 ·40	25 ·64	16	25	Thur.	26	*Bahula.* 6 ·08	5 ·13	19	25	Mon.	25	7 ·60	10 ·14	20
27	Sat.	27	4 ·30	26 ·57	17	26	Fri.	27	7 ·10	6 ·19	20	26	Tues.	26	8 ·69	11 ·25	21
28	Sun.	28	5 ·21	27 ·52	18	27	Sat.	28	8 ·15	7 ·25	21	27	Wed.	27	9 ·77	12 ·35	22
29	Mon.	29	6 ·14	1 ·48	19	28	Sun.	29	9 ·20	8 ·33	22	28	Thur.	28	10 ·85	13 ·45	23
30	Tues.	30	7 ·07	2 ·47	20	29	Mon.	30	10 ·28	9 ·43	23	—29	Fri.	29	11 ·91	14 ·54	24
—31	Wed.	31	8 ·04	3 ·46	21							1	Sat.	30	12 ·95	15 ·60	25
	Aug.						**Oct.**						**Dec.**				
1	Thur.	1	*Bahula.* 9 ·02	4 ·47	22	—30	Tues.	1	11 ·37	10 ·55	24	2	Sun.	1	13 ·96	16 ·65	26
2	Fri.	2	10 ·03	5 ·50	23	1	Wed.	2	12 ·46	11 ·65	25	3	Mon.	2	14 ·96	17 ·67	27
3	Sat.	3	11 ·04	6 ·56	24	2	Thur.	3	13 ·54	12 ·75	26	4	Tues.	3	—**A** ·93	18 ·68	28
4	Sun.	4	12 ·07	7 ·63	25	3	Fri.	4	14 ·61	13 ·84	27	5	Wed.	4	1 ·87	19 ·66	—29
5	Mon.	5	13 ·14	8 ·73	26	4	Sat.	5	—**A** ·67	14 ·92	28	6	Thur.	5	2 ·82	20 ·64	1
6	Tues.	6	14 ·21	9 ·83	27	5	Sun.	6	1 ·70	15 ·97	—29	7	Fri.	6	3 ·74	21 ·59	2
7	Wed.	7	—**A** ·30	10 ·94	28	6	Mon.	7	2 ·73	... ...	1	8	Sat.	7	4 ·66	22 ·53	3
8	Thur.	8	1 ·38	... ...	—29	7	Tues.	8	3 ·71	16 ·02	2	9	Sun.	8	5 ·57	23 ·47	4
9	Fri.	9	2 ·46	11 ·04	1	8	Wed.	9	4 ·69	17 ·03	3	10	Mon.	9	6 ·47	24 ·40	5
10	Sat.	10	3 ·52	12 ·14	2	9	Thur.	10	5 ·64	18 ·03	4	11	Tues.	10	7 ·37	25 ·34	6
11	Sun.	11	4 ·57	13 ·24	3	10	Fri.	11	*Sukla.* 6 ·58	19 ·00 / 20 ·96	5	12	Wed.	11	8 ·27	26 ·27	7
12	Mon.	12	5 ·61	14 ·30	4							13	Thur.	12	9 ·18	27 ·20	8
13	Tues.	13	6 ·63	15 ·35	5	11	Sat.	12	7 ·51	21 ·92	6	14	Fri.	13	10 ·10	1 ·15	9
14	Wed.	14	7 ·61	16 ·37	6	12	Sun.	13	8 ·42	22 ·86	7	15	Sat.	14	11 ·04 / 12 ·99	2 ·11	10
15	Thur.	15	8 ·58	17 ·38	7	13	Mon.	14	9 ·33	23 ·79	8						
16	Fri.	16	9 ·55	18 ·38	8	14	Tues.	15	10 ·22	24 ·72	9	16	Sun.	15	13 ·96	3 ·09	11
17	Sat.	17	10 ·48	19 ·34	9	15	Wed.	16	11 ·13	25 ·65	10	17	Mon.	16	14 ·94	4 ·08	12
18	Sun.	18	11 ·40	20 ·30	10	16	Thur.	17	12 ·03 / 13 ·93	26 ·59	11	18	Tues.	17	**P** ·95	5 ·09	13
19	Mon.	19	12 ·31	21 ·24	11							19	Wed.	18	1 ·98	6 ·12	14
20	Tues.	20	13 ·21	22 ·17	12	17	Fri.	18	14 ·85	27 ·53	12	20	Thur.	19	... ...	7 ·17	15
21	Wed.	21	**Bhādrapada.** 14 ·10	23 ·11	13	18	Sat.○	19	**Kārttika.** **P** ·79	1 ·48	13	21	Fri.	20	2 ·02	8 ·25	16
22	Thur.	22	**P** ·00 / 1 ·91	24 ·04 / 25 ·97	14	19	Sun.	20	1 ·73	2 ·45	14	22	Sat.	21	3 ·10	9 ·34	17
23	Fri.	23	2 ·81	26 ·89	15	20	Mon.	21	2 ·69	3 ·43	15	23	Sun.	22	4 ·18	10 ·44	18
24	Sat.	24	3 ·73	27 ·85	16	21	Tues.	22	3 ·68	4 ·43	16	24	Mon.	23	5 ·27	11 ·54	19
25	Sun.	25	4 ·66	1 ·82	17	22	Wed.	23	4 ·68	5 ·46	17	25	Tues.	24	6 ·35	12 ·65	20
26	Mon.	26	*Bahula.* 5 ·60	2 ·79	18	23	Thur.	24	5 ·70	6 ·50	18	26	Wed.	25	7 ·43	13 ·75	21
27	Tues.	27	6 ·56	3 ·78	19	24	Fri.	25	6 ·74	7 ·56	19	27	Thur.	26	8 ·50	14 ·85	22
28	Wed.	28	7 ·53	4 ·79	20	25	Sat.	26	7 ·81	8 ·64	20	28	Fri.	27	9 ·55	15 ·91	23
29	Thur.	29	8 ·54	5 ·82	21	26	Sun.	27	8 ·89	9 ·73	21	29	Sat.	28	10 ·59	16 ·96	24
30	Fri.	30	9 ·55	6 ·87	22	27	Mon.	28	9 ·97	10 ·83	22	—30	Sun.	29	11 ·61	17 ·99	25
31	Sat.	31	10 ·60	7 ·95	23	28	Tues.	29	... ...	11 ·95	23	1	Mon.	30	12 ·60	... ...	26
						29	Wed.	30	10 ·07	... ...	24	2	Tues.	31	13 ·57	18 ·00	27
						—30	Thur.	31	11 ·15	12 ·05	25						

Kálayukta. **Siṁha—Āvani.** *Kálayukta.* **Kanyā—Puraṭṭāśi.** *Kálayukta.* **Tulā—Āippasi.** *Kálayukta.* **Vṛśchika—Kārttigai.** *Kálayukta.* **Dhanus—Mārgaḷi.**

Bahula. **Māṛgaśirsha.** *Sukla.* **Pausha.** *Bahula.*

H. 1089 *Jamāda'l ākhir.* H. 1089 *Rajab.* H. 1089 *Sha'bān.* H. 1089 *Ramazān.* H. 1089 *Shawwāl.* H. 1089 *Zi-l-ka'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1679. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·43.** **Śaka 1601.** **Kaliyuga 4780.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·34.** **(S. Cycle) Siddhārtin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Kālayukta. **Makara—Tai.**	**Jan.**			
3	Wed. 1	14 ·52	19 ·00 }	28
			20 ·97 }	
4	Thur. 2	—**A** ·46	21 ·92	29
5	Fri. 3	1 ·39	22 ·87	—30
6	Sat. 4	2 ·31	23 ·81	1
7	Sun. 5	3 ·21	24 ·75	2
8	Mon. 6	4 ·11	25 ·67	3
9	Tues. 7	*Sukla.* 5 ·01	26 ·61	4
		6 ·92		
10	Wed. 8	7 ·83	27 ·54	5
11	Thur. 9	8 ·74	1 ·48	6
12	Fri. 10	9 ·68	2 ·45	7
13	Sat. 11	10 ·63	3 ·42	8
14	Sun. 12	11 ·60	4 ·40	9
15	Mon. 13	12 ·58	5 ·41	10
16	Tues. 14	13 ·60	6 ·43	11
17	Wed. 15	14 ·62	7 ·48	12
18	Thur. 16	**P** ·68	8 ·56	13
19	Fri. 17	1 ·75	9 ·64	14
20	Sat. 18	2 ·83	10 ·74	15
21	Sun. 19	3 ·92	11 ·84	16
22	Mon. 20	... ...	12 ·95	17
23	Tues. 21	4 ·00	... ...	18
24	Wed. 22	5 ·09	13 ·06	19
25	Thur. 23	6 ·16	14 ·15	20
26	Fri. 24	7 ·21	15 ·22	21
27	Sat. 25	8 ·23	16 ·28	22
28	Sun. 26	9 ·25	17 ·31	23
—29	Mon. 27	10 ·24	18 ·33	24
1	Tues. 28	11 ·21	19 ·32	25
2	Wed. 29	12 ·15	20 ·30	26
3	Thur. 30	13 ·09	21 ·26	27
4	Fri. 31	14 ·02	22 ·21	28
		A ·93		
	Feb.			
5	Sat. 1	1 ·83	23 ·14	—29
6	Sun. 2	2 ·73	24 ·08	1
7	Mon. 3	3 ·64	25 ·01 }	2
			26 ·94 }	
8	Tues. 4	4 ·54	27 ·88	3
9	Wed. 5	5 ·45	1 ·83	4
10	Thur. 6	6 ·37	2 ·78	5
11	Fri. 7	7 ·31	3 ·75	6
12	Sat. 8	8 ·27	4 ·73	7
13	Sun. 9	9 ·28	5 ·73	8
14	Mon. 10	10 ·21	6 ·75	9
15	Tues. 11	11 ·22	7 ·80	10
16	Wed. 12	12 ·25	8 ·86	11
17	Thur. 13	13 ·31	9 ·94	12
18	Fri. 14	14 ·37	... ...	13
19	Sat. 15	**P** ·46	10 ·04	14
20	Sun. 16	1 ·55	11 ·14	15
21	Mon. 17	2 ·62	12 ·26	16
22	Tues. 18	3 ·70	13 ·36	17
23	Wed. 19	4 ·78	14 ·45	18
24	Thur. 20	5 ·83	15 ·53	19
25	Fri. 21	6 ·86	16 ·59	20
26	Sat. 22	7 ·87	17 ·64	21
27	Sun. 23	8 ·25	18 ·65	22
28	Mon. 24	9 ·82	19 ·65	23
29	Tues. 25	10 ·76	20 ·63	24
—30	Wed. 26	11 ·69	21 ·59	25
1	Thur. 27	12 ·62	22 ·55	26
2	Fri. 28	13 ·54	23 ·49	27

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Kālayukta. **Mīna—Paṅguni.**	**March.**			
3	Sat. 1	14 ·44	24 ·42	28
4	Sun. 2	—**A** ·34	25 ·35	29
5	Mon. 3	1 ·25	26 ·28	—30
6	Tues. 4	2 ·14	27 ·21	1
7	Wed. 5	*Sukla.* 3 ·05	1 ·16	2
		4 ·97		
8	Thur. 6	5 ·91	2 ·11	3
9	Fri. 7	6 ·86	3 ·07	4
10	Sat. 8	7 ·82	4 ·05	5
11	Sun. 9	8 ·81	5 ·05	6
12	Mon. 10	9 ·82	6 ·07	7
13	Tues. 11	10 ·85	7 ·11	8
14	Wed. 12	11 ·90	8 ·17	9
15	Thur. 13	12 ·97	9 ·24	10
16	Fri. 14	... ...	10 ·34	11
17	Sat. 15	*Chaitra.* 13 ·06	11 ·45	12
18	Sun. 16	14 ·14	12 ·55	13
19	Mon. 17	**P** ·23	13 ·66	14
20	Tues. 18	1 ·31	14 ·75	15
21	Wed. 19	2 ·37	15 ·84	16
22	Thur. 20	3 ·41	16 ·91	17
23	Fri. 21	4 ·44	17 ·95	18
24	Sat. 22	5 ·45	18 ·97	19
25	Sun. 23	6 ·43	19 ·97	20
26	Mon. 24	7 ·40	20 ·96	21
27	Tues. 25	8 ·34	21 ·93	22
28	Wed. 26	9 ·28	22 ·88	23
29	Thur. 27	10 ·20	23 ·83	24
—30	Fri. 28	11 ·11	24 ·76	25
1	Sat. 29	12 ·00	25 ·69	26
		13 ·90		
2	Sun. 30	14 ·80	26 ·62	27
3	Mon. 31	—**A** ·71	27 ·56	28
	April.			
4	Tues. 1	1 ·62	1 ·50	—29
5	Wed. 2	2 ·53	2 ·45	1
6	Thur. 3	3 ·46	3 ·40	2
7	Fri. 4	4 ·42	4 ·38	3
8	Sat. 5	5 ·38	5 ·38	4
9	Sun. 6	6 ·37	6 ·39	5
10	Mon. 7	7 ·37	7 ·42	6
11	Tues. 8	8 ·41	8 ·48	7
12	Wed. 9	9 ·46	9 ·55	8
13	Thur. 10	10 ·53	10 ·65	9
14	Fri. 11	11 ·61	11 ·75	10
15	Sat. 12	12 ·69	12 ·85	11
16	Sun. 13	13 ·77	13 ·96	12
17	Mon. 14	14 ·84	... ...	13
18	Tues. ○ 15	**P** ·91	14 ·06	14
19	Wed. 16	1 ·96	15 ·15	15
20	Thur. 17	2 ·99	16 ·22	16
21	Fri. 18	3 ·99	17 ·26	17
22	Sat. 19	4 ·97	18 ·29	18
23	Sun. 20	5 ·94	19 ·30	19
24	Mon. 21	6 ·88	20 ·28	20
25	Tues. 22	7 ·81	21 ·26	21
26	Wed. 23	8 ·73	22 ·22	22
27	Thur. 24	9 ·64	23 ·16	23
28	Fri. 25	10 ·54	24 ·10	24
29	Sat. 26	11 ·44	25 ·03 }	25
			26 ·97 }	
30	Sun. 27	12 ·33	27 ·90	26
—31	Mon. 28	13 ·23	1 ·83	27
1	Tues. 29	14 ·14	2 ·78	28
2	Wed. 30	—**A** ·06	3 ·72	29

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Siddhārtin. **Vṛishabha—Vaigāsi.**	**May.**			
3	Thur. 1	1 ·00 }	4 ·71	—30
		2 ·95 }		
4	Fri. 2	3 ·91	5 ·70	1
5	Sat. 3	4 ·89	6 ·71	2
6	Sun. 4	5 ·89	7 ·74	3
7	Mon. 5	6 ·93	8 ·78	4
8	Tues. 6	7 ·98	9 ·85	5
9	Wed. 7	... ...	10 ·93	6
10	Thur. 8	8 ·04	... ...	7
11	Fri. 9	9 ·11	11 ·04	8
12	Sat. 10	10 ·20	12 ·15	9
13	Sun. 11	11 ·28	13 ·26	10
14	Mon. 12	12 ·36	14 ·36	11
15	Tues. 13	13 ·42	15 ·45	12
16	Wed. 14	14 ·47	16 ·53	13
17	Thur. 15	**P** ·49	17 ·58	14
18	Fri. 16	1 ·50	18 ·61	15
19	Sat. 17	2 ·48	19 ·62	16
20	Sun. 18	3 ·45	20 ·62	17
21	Mon. 19	4 ·40	21 ·59	18
22	Tues. 20	5 ·32	22 ·55	19
23	Wed. 21	6 ·23	23 ·50	20
24	Thur. 22	7 ·14	24 ·44	21
25	Fri. 23	8 ·04 }	25 ·38	22
		9 ·94 }		
26	Sat. 24	10 ·84	26 ·31	23
27	Sun. 25	11 ·74	27 ·24	24
28	Mon. 26	12 ·65	1 ·17	25
29	Tues. 27	13 ·56	2 ·11	26
30	Wed. 28	14 ·50	3 ·07	27
31	Thur. 29	—**A** ·45	4 ·04	28
—32	Fri. 30	1 ·41	5 ·03	—29
1	Sat. 31	2 ·38	6 ·03	1
	June.			
2	Sun. 1	3 ·39	7 ·05	2
3	Mon. 2	4 ·41	8 ·10	3
4	Tues. 3	5 ·45	9 ·17	4
5	Wed. 4	6 ·52	10 ·25	5
6	Thur. 5	7 ·59	11 ·34	6
7	Fri. 6	8 ·67	12 ·45	7
8	Sat. 7	9 ·76	13 ·56	8
9	Sun. 8	10 ·84	14 ·67	9
10	Mon. 9	11 ·90	15 ·76	10
11	Tues. 10	12 ·95	16 ·83	11
12	Wed. 11	13 ·97	17 ·89	12
13	Thur. 12	14 ·98	18 ·93	13
14	Fri. 13	**P** ·96	19 ·95	14
15	Sat. 14	1 ·93	20 ·95	15
16	Sun. 15	2 ·88	21 ·92	16
17	Mon. 16	3 ·81	22 ·89	17
18	Tues. 17	4 ·73	23 ·83	18
19	Wed. 18	5 ·63	24 ·78	19
20	Thur. 19	6 ·53	25 ·72	20
21	Fri. 20	7 ·43	26 ·65	21
22	Sat. 21	8 ·33	27 ·58	22
23	Sun. 22	9 ·23	1 ·51	23
24	Mon. 23	10 ·13	2 ·46	24
25	Tues. 24	11 ·05 }	3 ·41	25
		12 ·98 }		
26	Wed. 25	13 ·91	4 ·37	26
27	Thur. 26	14 ·88	5 ·35	27
28	Fri. 27	—**A** ·86	6 ·35	28
29	Sat. 28	1 ·86	7 ·38	29
30	Sun. 29	2 ·88	8 ·41	—30
—31	Mon. 30	3 ·94	9 ·47	1

Naksh:—1. Aśviu. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardri. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1679. **Kollam 855,** { **N. Malabar—Sep.** **Hijra 1090.** **Vikrama 1736.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 2.** **Bengal San. 1085.**
P—Paurnimā. **(N. Cycle) Vibhava.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Siddhārtin. **Karkataka—Ādi.**	**July.**			
1	Tues. 1	... ...	10 ·55	2
2	Wed. 2	4 ·00	11 ·64	3
3	Thur. 3	5 ·07	12 ·75	4
4	Fri. 4	6 ·15	13 ·86	5
5	Sat. 5	*Sukla.* 7 ·23	14 ·97	6
6	Sun. 6	8 ·32	... ...	7
7	Mon. 7	9 ·38	15 ·06	8
8	Tues. 8	10 ·43	16 ·14	9
9	Wed. 9	11 ·45	17 ·20	10
10	Thur. 10	12 ·46	18 ·25	11
11	Fri. 11	13 ·44	19 ·27	12
12	Sat. 12	14 ·41	20 ·27	13
13	Sun. 13	**P** ·36	21 ·25	14
14	Mon. 14	1 ·29	22 ·22	15
15	Tues. 15	2 ·21	23 ·18	16
16	Wed. 16	3 ·12	24 ·12	17
17	Thur. 17	4 ·02 5 ·92	25 ·05 26 ·98	18
18	Fri. 18	6 ·82	27 ·91	*H.* 1080 *Jamāda'l ākhir.* 19
19	Sat. 19	*Bahula.* 7 ·72	1 ·85	20
20	Sun. 20	8 ·62	2 ·79	21
21	Mon. 21	9 ·54	3 ·74	22
22	Tues. 22	10 ·46	4 ·70	23
23	Wed. 23	11 ·40	5 ·68	24
24	Thur. 24	12 ·36	6 ·67	25
25	Fri. 25	13 ·35	7 ·69	26
26	Sat. 26	14 ·35	8 ·73	27
27	Sun. 27	—**A** ·36	9 ·78	28
28	Mon. 28	1 ·41	10 ·85	—29
29	Tues. 29	2 ·47	11 ·94	1
30	Wed. 30	3 ·55	... ...	2
31	Thur. 31	4 ·62	12 ·05	3
	Aug.			
—32	Fri. 1	5 ·71	13 ·16	4
1	Sat. 2	6 ·79	14 ·27	5
2	Sun. 3	*Sukla.* 7 ·85	15 ·36	6
3	Mon. 4	8 ·91	16 ·45	7
4	Tues. 5	9 ·93	17 ·52	8
5	Wed. 6	10 ·95	18 ·57	9
6	Thur. 7	11 ·93	19 ·59	10
7	Fri. 8	12 ·91	20 ·60	11
8	Sat. 9	13 ·86	21 ·58	12
9	Sun. 10	14 ·79	22 ·56	13
10	Mon. 11	**P** ·71	23 ·51	14
11	Tues. 12	1 ·61	24 ·46	15
12	Wed. 13	2 ·52	25 ·39	16
13	Thur. 14	3 ·42	26 ·32	17
14	Fri. 15	4 ·31	27 ·25	18
15	Sat. 16	5 ·21	1 ·19	19
16	Sun. 17	6 ·12	2 ·13	20
17	Mon. 18	7 ·04 8 ·97	3 ·07	21
18	Tues. 19	*Bahula.* 9 ·91	4 ·03	22
19	Wed. 20	10 ·86	5 ·00	23
20	Thur. 21	11 ·85	6 ·00	24
21	Fri. 22	12 ·85	7 ·01	25
22	Sat. 23	13 ·87	8 ·04	26
23	Sun. 24	14 ·92	9 ·09	27
24	Mon. 25	—**A** ·98	10 ·16	28
25	Tues. 26	... ...	11 ·24	29
26	Wed. 27	1 ·05	12 ·35	—30
27	Thur. 28	*Sukla.* 2 ·13	13 ·46	1
28	Fri. 29	3 ·21	14 ·56	2
29	Sat. 30	4 ·29	15 ·66	3
30	Sun. 31	5 ·37	16 ·76	4

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Siddhārtin. **Kanyā—Purattāsi.**	**Sep.**			
—31	Mon. 1	*Bahula.* 6 ·42	17 ·83	5
1	Tues. 2	7 ·45	18 ·88	6
2	Wed. 3	8 ·47	19 ·91	7
3	Thur. 4	9 ·45	20 ·92	8
4	Fri. 5	10 ·43	21 ·91	9
5	Sat. 6	11 ·38	22 ·89	10
6	Sun. 7	12 ·32	23 ·85	11
7	Mon. 8	13 ·24	24 ·79	12
8	Tues. 9	14 ·15	25 ·73	13
9	Wed. 10	**P** ·05 1 ·95	26 ·66	14
10	Thur. 11	2 ·85	27 ·60	15
11	Fri. 12	3 ·74	1 ·53	*H.* 1090 *Śha'bān.* 16
12	Sat. 13	4 ·65	2 ·47	17
13	Sun. 14	5 ·57	3 ·41	18
14	Mon. 15	6 ·50	4 ·36	19
15	Tues. 16	7 ·45	5 ·34	20
16	Wed. 17	8 ·40	6 ·32	21
17	Thur. 18	9 ·39	7 ·33	22
18	Fri. 19	10 ·38	8 ·35	23
19	Sat. 20	11 ·42	9 ·40	24
20	Sun. 21	12 ·46	10 ·47	25
21	Mon. 22	13 ·52	11 ·56	26
22	Tues. 23	14 ·60	12 ·65	27
23	Wed. 24	—**A** ·68	13 ·76	28
24	Thur. 25	1 ·76	14 ·86	—29
25	Fri. 26	2 ·84	15 ·97	1
26	Sat. 27	3 ·92	... ...	2
27	Sun. 28	4 ·97	16 ·06	3
28	Mon. 29	... ...	17 ·13	4
29	Tues. 30	5 ·00	18 ·19	5
	Oct.			
—30	Wed. 1	6 ·02	19 ·23	6
1	Thur. 2	*Sukla.* 7 ·02 8 ·99	20 ·24	7
2	Fri. 3	9 ·94	21 ·25	8
3	Sat. 4	10 ·88	22 ·22	9
4	Sun. 5	11 ·80	23 ·18	10
5	Mon. 6	12 ·71	24 ·13	11
6	Tues. 7	13 ·61	25 ·07	12
7	Wed. 8	14 ·51	26 ·01 27 ·94	13
8	Thur. ◯ 9	**P** ·41	1 ·87	14
9	Fri. 10	1 ·32	2 ·80	15
10	Sat. 11	2 ·22	3 ·74	16
11	Sun. 12	3 ·14	4 ·70	17
12	Mon. 13	4 ·08	5 ·67	18
13	Tues. 14	5 ·03 6 ·99	6 ·65	19
14	Wed. 15	*Bahula.* 7 ·97	7 ·65	20
15	Thur. 16	8 ·98	8 ·67	21
16	Fri. 17	... ...	9 ·72	22
17	Sat. 18	9 ·00	10 ·78	23
18	Sun. 19	10 ·04	11 ·86	24
19	Mon. 20	11 ·11	12 ·95	25
20	Tues. 21	12 ·19	... ...	26
21	Wed. 22	13 ·27	13 ·05	27
22	Thur. 23	14 ·37	14 ·16	28
23	Fri. 24	—**A** ·45	15 ·27	29
24	Sat. 25	1 ·51	16 ·37	—30
25	Sun. 26	2 ·56	17 ·45	1
26	Mon. 27	3 ·60	18 ·50	2
27	Tues. 28	4 ·62	19 ·54	3
28	Wed. 29	5 ·61	20 ·57	4
29	Thur. 30	6 ·58	21 ·57	5
—30	Fri. 31	7 ·54	22 ·55	6

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Siddhārtin. **Vriśchika—Kārttigai.**	**Nov.**			
1	Sat. 1	8 ·48	23 ·51	7
2	Sun. 2	*Sukla.* 9 ·40	24 ·47	8
3	Mon. 3	10 ·31	25 ·42	9
4	Tues. 4	11 ·21	26 ·35	10
5	Wed. 5	12 ·11	27 ·28	11
6	Thur. 6	13 ·01 14 ·92	1 ·21	12
7	Fri. 7	**P** ·83	2 ·14	13
8	Sat. 8	1 ·75	3 ·09	14
9	Sun. 9	2 ·68	4 ·04	15
10	Mon. 10	3 ·63	5 ·00 6 ·97	16
11	Tues. 11	*Bahula.* 4 ·60	7 ·97	17
12	Wed. 12	5 ·58	8 ·99	18
13	Thur. 13	6 ·59	... ...	19
14	Fri. 14	7 ·62	9 ·03	20
15	Sat. 15	8 ·67	10 ·08	21
16	Sun. 16	9 ·73	11 ·16	22
17	Mon. 17	10 ·81	12 ·25	23
18	Tues. 18	11 ·91	13 ·35	24
19	Wed. 19	12 ·99	14 ·47	25
20	Thur. 20	... ..	15 ·57	26
21	Fri. 21	13 ·07	16 ·67	27
22	Sat. 22	14 ·14	17 ·75	28
23	Sun. 23	—**A** ·20	18 ·81	—29
24	Mon. 24	1 ·23	19 ·87	1
25	Tues. 25	2 ·25	20 ·89	2
26	Wed. 26	3 ·23	21 ·90	3
27	Thur. 27	4 ·21	22 ·88	4
28	Fri. 28	*Sukla.* 5 ·16	23 ·85	5
29	Sat. 29	6 ·09	24 ·81	6
—30	Sun. 30	7 ·02 8 ·98	25 ·75	7
	Dec.			
1	Mon. 1	9 ·84	26 ·69	8
2	Tues. 2	10 ·74	27 ·62	9
3	Wed. 3	11 ·64	1 ·55	10
4	Thur. 4	12 ·54	2 ·49	11
5	Fri. 5	13 ·45	3 ·42	12
6	Sat. 6	14 ·38	4 ·37	13
7	Sun. 7	**P** ·31	5 ·33	14
8	Mon. 8	1 ·27	6 ·30	15
9	Tues. 9	2 ·24	7 ·29	16
10	Wed. 10	3 ·22	8 ·31	17
11	Thur. 11	4 ·23	9 ·34	18
12	Fri. 12	5 ·26	10 ·39	19
13	Sat. 13	*Bahula.* 6 ·32	11 ·46	20
14	Sun. 14	7 ·38	12 ·55	21
15	Mon. 15	8 ·46	13 ·65	22
16	Tues. 16	9 ·56	14 ·76	23
17	Wed. 17	10 ·65	15 ·87	24
18	Thur. 18	11 ·72	16 ·97	25
19	Fri. 19	12 ·79	... ...	26
20	Sat. 20	13 ·85	17 ·06	27
21	Sun. 21	14 ·88	18 ·13	28
22	Mon. 22	—**A** ·90	19 ·18	29
23	Tues. 23	1 ·88	20 ·21	—30
24	Wed. 24	*Sukla.* 2 ·85	21 ·22	1
25	Thur. 25	3 ·80	22 ·21	2
26	Fri. 26	4 ·74	23 ·19	3
27	Sat. 27	5 ·66	24 ·14	4
28	Sun. 28	6 ·57	25 ·08 26 ·02	5
—29	Mon. 29	7 ·48	27 ·95	6
1	Tues. 30	8 ·38	1 ·88	7
2	Wed. 31	9 ·29	2 ·82	8

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1680. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·69.** **Śaka 1602.** **Kaliyuga 4781.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·60.** **(S. Cycle) Raudra.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Siddhārtin. **Makara—Tai.**	**Jan.**			
3	Thur. 1	10 ·20	3 ·76	9
4	Fri. 2	11 ·11	4 ·70	10
5	Sat. 3	12 ·03	5 ·66	11
		13 ·96		
6	Sun. 4	14 ·92	6 ·63	12
7	Mon. 5	**Pausha.** **P** ·88	7 ·63	13
8	Tues. 6	1 ·87	8 ·63	14
9	Wed. 7	2 ·87	9 ·65	15
10	Thur. 8	3 ·91	10 ·70	16
11	Fri. 9	4 ·96	11 ·77	17
12	Sat. 10	... ...	12 ·86	18
13	Sun. 11	5 ·03	13 ·96	19
14	Mon. 12	*Bahula.* 6 ·12	... ...	20
15	Tues. 13	7 ·21	14 ·06	21
16	Wed. 14	8 ·30	15 ·17	22
17	Thur. 15	9 ·38	16 ·27	23
18	Fri. 16	10 ·45	17 ·36	24
19	Sat. 17	11 ·49	18 ·44	25
20	Sun. 18	12 ·52	19 ·50	26
21	Mon. 19	13 ·54	20 ·53	27
22	Tues. 20	14 ·52	21 ·54	28
23	Wed. 21	—**A** ·49	22 ·52	29
24	Thur. 22	1 ·44	23 ·52	—30
25	Fri. 23	2 ·38	24 ·48	1
26	Sat. 24	3 ·30	25 ·42	2
27	Sun. 25	4 ·21	26 ·36	3
28	Mon. 26	*Sukla.* 5 ·11	27 ·29	4
—29	Tues. 27	6 ·01	1 ·23	5
		7 ·92		
1	Wed. 28	8 ·82	2 ·16	6
2	Thur. 29	9 ·78	3 ·10	7
3	Fri. 30	10 ·66	4 ·04	8
			5 ·99	
4	Sat. 31	11 ·59	6 ·97	9
	Feb.			
5	Sun. 1	12 ·55	7 ·95	10
6	Mon. 2	13 ·51	8 ·95	11
7	Tues. 3	14 ·50	9 ·97	12
8	Wed. 4	**Māgha.** **P** ·51	... ...	13
9	Thur. 5	1 ·55	10 ·01	14
10	Fri. 6	2 ·60	11 ·08	15
11	Sat. 7	3 ·67	12 ·16	16
12	Sun. 8	4 ·76	13 ·26	17
13	Mon. 9	5 ·84	14 ·36	18
14	Tues. 10	6 ·93	15 ·47	19
15	Wed. 11	... ...	16 ·58	20
16	Thur. 12	7 ·00	17 ·67	21
17	Fri. 13	8 ·07	18 ·75	22
18	Sat. 14	9 ·12	19 ·81	23
19	Sun. 15	10 ·16	20 ·85	24
20	Mon. 16	11 ·16	21 ·86	25
21	Tues. 17	12 ·15	22 ·87	26
22	Wed. 18	13 ·11	23 ·85	27
23	Thur. 19	14 ·05	24 ·81	28
		A ·99		
24	Fri. 20	1 ·91	25 ·76	29
25	Sat. 21	2 ·83	26 ·70	—30
26	Sun. 22	3 ·73	27 ·64	1
27	Mon. 23	4 ·63	1 ·57	2
28	Tues. 24	*Sukla.* 5 ·53	2 ·50	3
29	Wed. 25	6 ·43	3 ·43	4
—30	Thur. 26	7 ·34	4 ·37	5
1	Fri. 27	8 ·27	5 ·33	6
2	Sat. 28	9 ·20	6 ·29	7
3	Sun. 29	10 ·16	7 ·27	8

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Siddhārtin. **Mīna—Pāguni.**	**March.**			
4	Mon. 1	11 ·13	8 ·27	9
5	Tues. 2	12 ·11	9 ·28	10
6	Wed. 3	13 ·11	10 ·33	11
7	Thur. 4	14 ·15	11 ·39	12
8	Fri. 5	**Phālguna.** **P** ·20	12 ·46	13
9	Sat. 6	1 ·28	13 ·56	14
10	Sun. 7	2 ·36	14 ·66	15
11	Mon. 8	3 ·45	15 ·78	16
12	Tues. 9	4 ·53	16 ·88	17
13	Wed. 10	5 ·61	17 ·98	18
14	Thur. 11	6 ·67	... ...	19
15	Fri. 12	*Bahula.* 7 ·72	18 ·06	20
16	Sat. 13	8 ·76	19 ·12	21
17	Sun. 14	9 ·76	20 ·16	22
18	Mon. 15	10 ·74	21 ·19	23
19	Tues. 16	11 ·70	22 ·19	24
20	Wed. 17	12 ·65	23 ·18	25
21	Thur. 18	13 ·58	24 ·14	26
22	Fri. 19	14 ·50	25 ·09	27
23	Sat.● 20	—**A** ·41	26 ·05	28
			27 ·98	
24	Sun. 21	1 ·30	1 ·91	—29
25	Mon. 22	2 ·20	2 ·84	1
26	Tues. 23	3 ·10	3 ·77	2
27	Wed. 24	4 ·01	4 ·72	3
		5 ·92		
28	Thur. 25	*Sukla.* 6 ·84	5 ·66	4
29	Fri. 26	7 ·77	6 ·62	5
30	Sat. 27	8 ·73	7 ·60	6
—31	Sun. 28	9 ·70	8 ·59	7
1	Mon. 29	10 ·68	9 ·60	8
2	Tues. 30	11 ·69	10 ·64	9
3	Wed. 31	12 ·72	11 ·70	10
	April.			
4	Thur. 1	13 ·77	12 ·77	11
5	Fri. 2	14 ·84	13 ·86	12
6	Sat. 3	**P** ·92	14 ·96	13
7	Sun. 4	... ...	... ...	14
8	Mon. 5	1 ·01	15 ·07	15
9	Tues. 6	2 ·09	16 ·18	16
10	Wed. 7	3 ·17	17 ·28	17
11	Thur. 8	4 ·23	18 ·38	18
12	Fri. 9	5 ·28	19 ·43	19
13	Sat. 10	6 ·30	20 ·49	20
14	Sun. 11	7 ·30	21 ·51	21
15	Mon. 12	8 ·29	22 ·52	22
16	Tues. 13	9 ·24	23 ·50	23
17	Wed. 14	10 ·19	24 ·47	24
18	Thur. 15	11 ·12	25 ·44	25
19	Fri. 16	12 ·04	26 ·38	26
		13 ·95		
20	Sat. 17	14 ·86	27 ·32	27
21	Sun. 18	—**A** ·75	1 ·25	28
22	Mon. 19	1 ·65	2 ·18	29
23	Tues. 20	2 ·54	3 ·11	—30
24	Wed. 21	3 ·45	4 ·05	1
25	Thur. 22	4 ·37	5 ·00	2
			6 ·95	
26	Fri. 23	*Sukla.* 5 ·30	7 ·92	3
27	Sat. 24	6 ·26	8 ·92	4
28	Sun. 25	7 ·23	9 ·93	5
29	Mon. 26	8 ·20	10 ·96	6
30	Tues. 27	9 ·21	... ...	7
—31	Wed. 28	10 ·25	11 ·00	8
1	Thur. 29	11 ·30	12 ·07	9
2	Fri. 30	12 ·36	13 ·16	10

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Raudra. **Vrishabha—Vaigāsi.**	**May.**			
3	Sat. 1	13 ·44	14 ·26	11
4	Sun. 2	**Vaiśākha.** 14 ·52	15 ·37	12
5	Mon. 3	**P** ·60	16 ·48	13
6	Tues. 4	1 ·68	17 ·58	14
7	Wed. 5	2 ·75	18 ·67	15
8	Thur. 6	3 ·79	19 ·75	16
9	Fri. 7	4 ·81	20 ·80	17
10	Sat. 8	5 ·82	21 ·83	18
11	Sun. 9	6 ·80	22 ·84	19
12	Mon. 10	*Bahula.* 7 ·77	23 ·83	20
13	Tues. 11	8 ·71	24 ·81	21
14	Wed. 12	9 ·63	25 ·77	22
15	Thur. 13	10 ·55	26 ·72	23
16	Fri. 14	11 ·46	27 ·66	24
17	Sat. 15	12 ·37	1 ·59	25
18	Sun. 16	13 ·26	2 ·53	26
19	Mon. 17	14 ·16	3 ·46	27
20	Tues. 18	**A** ·05	4 ·39	28
		1 ·96		
21	Wed. 19	2 ·88	5 ·33	—29
22	Thur. 20	3 ·81	6 ·29	1
23	Fri. 21	4 ·76	7 ·26	2
24	Sat. 22	5 ·72	8 ·25	3
25	Sun. 23	*Sukla.* 6 ·71	9 ·24	4
26	Mon. 24	7 ·71	10 ·27	5
27	Tues. 25	8 ·74	11 ·31	6
28	Wed. 26	9 ·79	12 ·38	7
29	Thur. 27	10 ·86	13 ·47	8
30	Fri. 28	11 ·94	14 ·56	9
—31	Sat. 29	... ...	15 ·67	10
1	Sun. 30	12 ·02	16 ·78	11
2	Mon. 31	13 ·10	17 ·88	12
	June.			
3	Tues. 1	14 ·18	18 ·98	13
4	Wed. 2	**P** ·24	... ...	14
5	Thur. 3	1 ·27	19 ·05	15
6	Fri. 4	2 ·30	20 ·12	16
7	Sat. 5	3 ·31	21 ·15	17
8	Sun. 6	4 ·28	22 ·16	18
9	Mon. 7	5 ·25	23 ·17	19
10	Tues. 8	6 ·20	24 ·14	20
11	Wed. 9	7 ·14	25 ·11	21
12	Thur. 10	8 ·04	26 ·05	22
		9 ·95	27 ·99	
13	Fri. 11	*Bahula.* 10 ·85	1 ·94	23
14	Sat. 12	11 ·74	2 ·87	24
15	Sun. 13	12 ·64	3 ·79	25
16	Mon. 14	13 ·54	4 ·73	26
17	Tues. 15	14 ·45	5 ·67	27
18	Wed. 16	—**A** ·36	6 ·62	28
19	Thur. 17	1 ·30	7 ·59	29
20	Fri. 18	2 ·24	8 ·57	30
21	Sat. 19	3 ·20	9 ·57	1
22	Sun. 20	4 ·19	10 ·59	2
23	Mon. 21	5 ·19	11 ·62	3
24	Tues. 22	6 ·22	12 ·69	4
25	Wed. 23	7 ·26	13 ·77	5
26	Thur. 24	*Sukla.* 8 ·33	14 ·86	6
27	Fri. 25	9 ·40	15 ·97	7
28	Sat. 26	10 ·48	... ...	8
29	Sun. 27	11 ·57	16 ·08	9
30	Mon. 28	12 ·64	17 ·19	10
31	Tues. 29	13 ·71	18 ·28	11
—32	Wed. 30	14 ·75	19 ·36	12

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1680. **Kollam 856,** { **N. Malabar—Sep.** **Hijra 1091.** **Vikrama 1737.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Jan. 23.** **Bengal San. 1086.**
P—Paurnimā. **(N. Cycle) Śukla.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Raudra. **Karkaṭaka—Ādi.**	**July.**				
	1 Thur. 1		**P** ·78	20 ·42	13
	2 Fri. 2		1 ·78	21 ·46	14
	3 Sat. 3		2 ·76	22 ·49	15
	4 Sun. 4		3 ·73	23 ·49	16
	5 Mon. 5		4 ·67	24 ·47	17
	6 Tues. 6		5 ·60	25 ·44	18
	7 Wed. 7		6 ·52	26 ·39	19
	8 Thur. 8		7 ·43	27 ·33	20
	9 Fri. 9		8 ·33	1 ·27	21
	10 Sat. 10		9 ·24	2 ·20	22
	11 Sun. 11		10 ·13	3 ·13	23
	12 Mon. 12		11 ·02 12 ·93	4 ·06	24
	13 Tues. 13		13 ·85	5 ·00 6 ·95	*H.* 1091 *Jamāda'l ākhir.* 25
	14 Wed. 14		14 ·78	7 ·92	26
	15 Thur. 15		**A** ·72	8 ·90	27
	16 Fri. 16		1 ·69	9 ·89	28
	17 Sat. 17		2 ·67	10 ·90	29
	18 Sun. 18		3 ·67	11 ·95	1
	19 Mon. 19		4 ·69	... ...	2
	20 Tues. 20		5 ·73	12 ·00	3
	21 Wed. 21		6 ·80	13 ·07	4
	22 Thur. 22		7 ·87	14 ·16	5
	23 Fri. 23		8 ·96	15 ·26	6
	24 Sat. 24		... ...	16 ·38	7
	25 Sun. 25		9 ·04	17 ·49	8
	26 Mon. 26		10 ·12	18 ·58	9
	27 Tues. 27		11 ·18	19 ·67	10
	28 Wed. 28		12 ·23	20 ·73	11
	29 Thur. 29		13 ·27	21 ·78	12
	30 Fri. 30		14 ·27	22 ·81	13
	31 Sat. 31		**P** ·25	23 ·82	14
Raudra. **Siṁha—Āvaṇi.**	**Aug.**				
	1 Sun. 1		1 ·21	24 ·80	15
	2 Mon. 2		2 ·17	25 ·77	16
	3 Tues. 3		3 ·10	26 ·72	17
	4 Wed. 4		4 ·02 5 ·92	27 ·68	18
	5 Thur. 5		6 ·82	1 ·61	19
	6 Fri. 6		7 ·73	2 ·54	20
	7 Sat. 7		8 ·62	3 ·47	21
	8 Sun. 8		9 ·53	4 ·40	22
	9 Mon. 9		10 ·43	5 ·34	23
	10 Tues. 10		11 ·35	6 ·29	24
	11 Wed. 11		12 ·28	7 ·25	25
	12 Thur. 12		13 ·22	8 ·22	26
	13 Fri. 13		14 ·19	9 ·21	27
	14 Sat. 14		**A** ·16	10 ·23	28
	15 Sun. 15		1 ·17	11 ·26	29
	16 Mon. 16		2 ·19	12 ·31	30
	17 Tues. 17		3 ·24	13 ·38	1
	18 Wed. 18		4 ·31	14 ·46	2
	19 Thur. 19		5 ·38	15 ·57	3
	20 Fri. 20		6 ·45	16 ·68	4
	21 Sat. 21		7 ·53	17 ·78	5
	22 Sun. 22		8 ·62	18 ·88	6
	23 Mon. 23		9 ·69	19 ·97	7
	24 Tues. 24		10 ·74	... ...	8
	25 Wed. 25		11 ·77	20 ·04	9
	26 Thur. 26		12 ·78	21 ·10	10
	27 Fri. 27		13 ·77	22 ·13	11
	28 Sat. 28		14 ·73	23 ·14	12
	29 Sun. 29		**P** ·69	24 ·13	13
	30 Mon. 30		1 ·61	25 ·10	14
	31 Tues. 31		2 ·53	26 ·06	15

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Raudra. **Kanyā—Purattāsi.**	**Sep.**				
	1 Wed. 1		3 ·44	27 ·01 1 ·95	16
	2 Thur. 2		4 ·34	2 ·88	17
	3 Fri. 3		5 ·25	3 ·81	18
	4 Sat. 4		6 ·14	4 ·75	19
	5 Sun. 5		7 ·05 8 ·96	5 ·69	20
	6 Mon. 6		9 ·88	6 ·63	21
	7 Tues. 7		10 ·81	7 ·58	22
	8 Wed. 8		11 ·75	8 ·55	23
	9 Thur. 9		12 ·71	9 ·54	24
	10 Fri. 10		13 ·69	10 ·55	25
	11 Sat. 11		14 ·71	11 ·57	26
	12 Sun. 12		**A** ·73	12 ·62	27
	13 Mon. 13		1 ·78	13 ·68	28
	14 Tues. 14		2 ·83	14 ·76	29
	15 Wed. 15		3 ·91	15 ·87	1
	16 Thur. 16		4 ·99	16 ·98	2
	17 Fri. 17		... ...	... ...	3
	18 Sat. 18		5 ·07	17 ·08	4
	19 Sun. 19		6 ·16	18 ·18	5
	20 Mon. 20		7 ·23	19 ·28	6
	21 Tues. 21		8 ·28	20 ·36	7
	22 Wed. 22		9 ·31	21 ·41	8
	23 Thur. 23		10 ·33	22 ·45	9
	24 Fri. 24		11 ·31	23 ·46	10
	25 Sat. 25		12 ·28	24 ·46	11
	26 Sun. 26		13 ·24	25 ·43	12
	27 Mon. 27		14 ·17	26 ·40	13
	28 Tues. 28		**P** ·09 1 ·99	27 ·35	14
	29 Wed. 29		2 ·90	1 ·29	15
	30 Thur. 30		3 ·81	2 ·23	16
Raudra. **Tulā—Aippaśi.**	**Oct.**				
	1 Fri. 1		4 ·71	3 ·16	17
	2 Sat. 2		5 ·61	4 ·09	18
	3 Sun. 3		6 ·52	5 ·02 6 ·96	19
	4 Mon. 4		7 ·44	7 ·91	20
	5 Tues. 5		8 ·37	8 ·89	21
	6 Wed. 6		9 ·32	9 ·87	22
	7 Thur. 7		10 ·28	10 ·87	23
	8 Fri. 8		11 ·27	11 ·89	24
	9 Sat. 9		12 ·28	12 ·93	25
	10 Sun. 10		13 ·30	... ...	26
	11 Mon. 11		14 ·35	13 ·00	27
	12 Tues. 12		**A** ·42	14 ·08	28
	13 Wed. 13		1 ·49	15 ·17	29
	14 Thur. 14		2 ·57	16 ·27	30
	15 Fri. 15		3 ·67	17 ·38	1
	16 Sat. 16		4 ·75	18 ·49	2
	17 Sun. 17		5 ·81	19 ·59	3
	18 Mon. 18		6 ·86	20 ·66	4
	19 Tues. 19		7 ·89	21 ·73	5
	20 Wed. 20		8 ·92	22 ·76	6
	21 Thur. 21		9 ·90	23 ·78	7
	22 Fri. 22		10 ·86	24 ·79	8
	23 Sat. 23		11 ·82	25 ·77	9
	24 Sun. 24		12 ·76	26 ·73	10
	25 Mon. 25		13 ·68	27 ·68	11
	26 Tues. 26		14 ·59	1 ·62	12
	27 Wed. 27		**P** ·50	2 ·57	13
	28 Thur. 28		1 ·40	3 ·50	14
	29 Fri. 29		2 ·30	4 ·43	15
	30 Sat. 30		3 ·20	5 ·36	16
	1 Sun. 31		4 ·12	6 ·30	17

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Raudra. **Vṛiśchika—Kārttigai.**	**Nov.**				
	2 Mon. 1		5 ·04 6 ·97	7 ·26	18
	3 Tues. 2		7 ·91	8 ·22	19
	4 Wed. 3		8 ·88	9 ·20	20
	5 Thur. 4		9 ·88	10 ·19	21
	6 Fri. 5		10 ·89	11 ·20	22
	7 Sat. 6		11 ·91	12 ·25	23
	8 Sun. 7		12 ·96	13 ·30	24
	9 Mon. 3		... ...	14 ·38	25
	10 Tues. 9		13 ·03	15 ·47	26
	11 Wed. 10		14 ·11	16 ·57	27
	12 Thur. 11		**A** ·19	17 ·68	28
	13 Fri. 12		1 ·29	18 ·79	29
	14 Sat. 13		2 ·37	19 ·89	1
	15 Sun. 14		3 ·44	20 ·97	2
	16 Mon. 15		4 ·49	... ...	3
	17 Tues. 16		5 ·53	21 ·04	4
	18 Wed. 17		6 ·53	22 ·08	5
	19 Thur. 18		7 ·52	23 ·10	6
	20 Fri. 19		8 ·49	24 ·11	7
	21 Sat. 20		9 ·44	25 ·10	8
	22 Sun. 21		10 ·38	26 ·07	9
	23 Mon. 22		11 ·31	27 ·02 1 ·97	10
	24 Tues. 23		12 ·22	2 ·91	11
	25 Wed. 24		13 ·12	3 ·84	12
	26 Thur. 25		14 ·02 **P** ·93	4 ·77	13
	27 Fri. 26		1 ·83	5 ·70	14
	28 Sat. 27		2 ·73	6 ·64	15
	29 Sun. 28		3 ·66	7 ·59	16
	30 Mon. 29		4 ·60	8 ·55	17
	1 Tues. 30		5 ·54	9 ·52	18
Raudra. **Dhanus—Mārgaḷi.**	**Dec.**				
	2 Wed. 1		6 ·51	10 ·51	19
	3 Thur. 2		7 ·51	11 ·52	20
	4 Fri. 3		8 ·52	12 ·56	21
	5 Sat. 4		9 ·55	13 ·61	22
	6 Sun. 5		10 ·61	14 ·68	23
	7 Mon. 6		11 ·68	15 ·77	24
	8 Tues. 7		12 ·76	16 ·87	25
	9 Wed. 8		13 ·86	17 ·99	26
	10 Thur. 9		14 ·94	... ...	27
	11 Fri. 10		... ...	18 ·09	28
	12 Sat. 11		**A** ·01	19 ·19	29
	13 Sun. 12		1 ·08	20 ·28	30
	14 Mon. 13		2 ·13	21 ·34	1
	15 Tues. 14		3 ·17	22 ·40	2
	16 Wed. 15		4 ·17	23 ·42	3
	17 Thur. 16		5 ·17	24 ·44	4
	18 Fri. 17		6 ·13	25 ·43	5
	19 Sat. 18		7 ·08	26 ·40	6
	20 Sun. 19		8 ·02 9 ·94	27 ·36	7
	21 Mon. 20		10 ·85	1 ·31	8
	22 Tues. 21		11 ·76	2 ·24	9
	23 Wed. 22		12 ·67	3 ·17	10
	24 Thur. 23		13 ·57	4 ·10	11
	25 Fri. 24		14 ·47	5 ·04 6 ·98	12
	26 Sat. 25		**P** ·38	7 ·92	13
	27 Sun. 26		1 ·30	8 ·88	14
	28 Mon. 27		2 ·24	9 ·85	15
	29 Tues. 28		3 ·19	10 ·83	16
	1 Wed. 29		4 ·17	11 ·85	17
	2 Thur. 30		5 ·15	12 ·87	18
	3 Fri. 31		6 ·17	13 ·92	19

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1681. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·95.** **Śaka 1603.** **Kaliyuga 4782.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·86.** **(S. Cycle) Durmati.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Raudra. **Makara—Tai.**	**Jan.**			
4	Sat. 1	7 ·20	14 ·99	20
5	Sun. 2	8 ·25	... ...	21
6	Mon. 3	*Bahula.* 9 ·33	15 ·07	22
7	Tues. 4	10 ·41	16 ·17	23
8	Wed. 5	11 ·50	17 ·27	24
9	Thur. 6	12 ·59	18 ·39	25
10	Fri. 7	13 ·67	19 ·49	26
11	Sat. 8	14 ·73	20 ·58	27
12	Sun. 9	—**A** ·78	21 ·66	28
13	Mon. 10	1 ·82	22 ·72	—29
14	Tues. 11	2 ·82	23 ·75	1
15	Wed. 12	3 ·81	24 ·76	2
16	Thur. 13	4 ·77	25 ·75	3
17	Fri. 14	5 ·73	26 ·72	4
18	Sat. 15	6 ·66	27 ·70	5
19	Sun. 16	*Sukla.* 7 ·58	1 ·64	6
20	Mon. 17	8 ·48	2 ·58	7
21	Tues. 18	9 ·39	3 ·51	8
22	Wed. 19	10 ·29	4 ·44	9
23	Thur. 20	11 ·19	5 ·38	10
24	Fri. 21	12 ·10	6 ·32	11
25	Sat. 22	13 ·01 / 14 ·94	7 ·26	12
26	Sun. 23	**P** ·88	8 ·21	13
27	Mon 24	1 ·83	9 ·18	14
28	Tues. 25	2 ·81	10 ·17	15
29	Wed. 26	3 ·79	11 ·17	16
—30	Thur. 27	**Māgha.** 4 ·81	12 ·19	17
1	Fri. 28	5 ·84	13 ·23	18
2	Sat. 29	6 ·90	14 ·29	19
3	Sun. 30	7 ·97	15 ·38	20
4	Mon. 31	... ...	16 ·48	21
	Feb.			
5	Tues. 1	8 ·05	17 ·58	22
6	Wed. 2	*Bahula.* 9 ·14	18 ·69	23
7	Thur. 3	10 ·22	19 ·79	24
8	Fri. 4	11 ·30	20 ·87	25
9	Sat. 5	12 ·37	21 ·97	26
10	Sun. 6	13 ·43	... ...	27
11	Mon. 7	14 ·45	22 ·03	28
12	Tues. 8	—**A** ·46	23 ·07	29
13	Wed. 9	1 ·44	24 ·08	—30
14	Thur. 10	2 ·40	25 ·09	1
15	Fri. 11	3 ·34	26 ·07	2
16	Sat. 12	*Sukla.* 4 ·27	27 ·03 / 1 ·98	3
17	Sun. 13	5 ·20	2 ·92	4
18	Mon. 14	6 ·11	3 ·85	5
19	Tues. 15	7 ·02 / 8 ·91	4 ·79	6
20	Wed 16	9 ·81	5 ·72	7
21	Thur. 17	10 ·72	6 ·65	8
22	Fri. 18	11 ·62	7 ·59	9
23	Sat. 19	12 ·55	8 ·54	10
24	Sun. 20	13 ·49	9 ·51	11
25	Mon. 21	**Phālguna.** 14 ·45	10 ·49	12
26	Tues ○22	**P** ·42	11 ·49	13
27	Wed. 23	1 ·40	12 ·50	14
28	Thur. 24	2 ·42	13 ·54	15
29	Fri. 25	3 ·45	14 ·61	16
—30	Sat. 26	4 ·52	15 ·68	17
1	Sun. 27	5 ·59	16 ·78	18
2	Mon. 28	6 ·68	17 ·88	19

H. 1092 *Mu'arram.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Kaudra. **Mīna—Pāṅguni.**	**March.**			
3	Tues. 1	7 ·76	18 ·99	20
4	Wed. 2	8 ·84	... ...	21
5	Thur. 3	*Bahula.* 9 ·91	19 ·10	22
6	Fri. 4	10 ·97	20 ·20	23
7	Sat. 5	... ...	21 ·28	24
8	Sun. 6	11 ·03	22 ·34	25
9	Mon. 7	12 ·04	23 ·38	26
10	Tues. 8	13 ·02	24 ·40	27
11	Wed. 9	14 ·02	25 ·41	28
12	Thur. 10	**A** ·00 / 1 ·94	26 ·40	—29
13	Fri. 11	2 ·87	27 ·36	1
14	Sat. 12	3 ·80	1 ·31	2
15	Sun. 13	4 ·70	2 ·26	3
16	Mon. 14	5 ·60	3 ·20	4
17	Tues. 15	6 ·49	4 ·13	5
18	Wed. 16	*Sukla.* 7 ·40	5 ·06 / 6 ·99	6
19	Thur. 17	8 ·31	7 ·93	7
20	Fri. 18	9 ·22	8 ·88	8
21	Sat. 19	10 ·14	9 ·84	9
22	Sun. 20	11 ·07	10 ·82	10
23	Mon. 21	12 ·03	11 ·81	11
24	Tues. 22	13 ·00 / 14 ·99	12 ·82	12
25	Wed. 23	... ...	13 ·86	13
26	Thur. 24	**Chaitra.** **P** ·01	14 ·92	14
27	Fri. 25	1 ·04	15 ·99	15
28	Sat. 26	2 ·09	... ...	16
29	Sun. 27	3 ·16	16 ·08	17
—30	Mon. 28	4 ·25	17 ·18	18
1	Tues. 29	5 ·33	18 ·29	19
2	Wed. 30	6 ·42	19 ·39	20
3	Thur. 31	7 ·49	20 ·50	21
	April.			
4	Fri. 1	8 ·54	21 ·58	22
5	Sat. 2	9 ·58	22 ·65	23
6	Sun. 3	*Bahula.* 10 ·60	23 ·70	24
7	Mon. 4	11 ·61	24 ·73	25
8	Tues. 5	12 ·59	25 ·74	26
9	Wed. 6	13 ·56	26 ·72	27
10	Thur. 7	14 ·49	27 ·69	28
11	Fri. 8	—**A** ·43	1 ·65	29
12	Sat. 9	1 ·35	2 ·60	—30
13	Sun. 10	2 ·26	3 ·54	1
14	Mon. 11	3 ·16	4 ·47	2
15	Tues. 12	*Sukla.* 4 ·05 / 5 ·95	5 ·40	3
16	Wed. 13	6 ·85	6 ·33	4
17	Thur. 14	7 ·76	7 ·27	5
18	Fri. 15	8 ·69	8 ·22	6
19	Sat. 16	9 ·62	9 ·17	7
20	Sun. 17	10 ·57	10 ·14	8
21	Mon. 18	11 ·54	11 ·13	9
22	Tues. 19	**Vaiśākha.** 12 ·53	12 ·15	10
23	Wed. 20	13 ·53	13 ·18	11
24	Thur. 21	14 ·57	14 ·22	12
25	Fri. 22	**P** ·62	15 ·29	13
26	Sat. 23	1 ·69	16 ·38	14
27	Sun. 24	2 ·77	17 ·48	15
28	Mon. 25	3 ·85	18 ·59	16
29	Tues. 26	*Bahula.* 4 ·93	19 ·70	17
30	Wed. 27	... ...	20 ·80	18
—31	Thur. 28	5 ·00	21 ·89	19
1	Fri. 29	6 ·07	22 ·96	20
2	Sat. 30	7 ·12	... ...	21

H. 1092 *Rabi-ul awwal.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Durmati. **Vṛishabha—Vaigāśi.**	**May.**			
3	Sun. 1	8 ·14	23 ·02	22
4	Mon. 2	9 ·13	24 ·05	23
5	Tues. 3	10 ·12	25 ·06	24
6	Wed. 4	11 ·08	26 ·05	25
7	Thur. 5	*Bahula.* 12 ·01 / 13 ·94	27 ·02 / 1 ·99	26
8	Fri. 6	14 ·86	2 ·94	27
9	Sat. 7	—**A** ·77	3 ·88	28
10	Sun. 8	1 ·67	4 ·81	—29
11	Mon. 9	2 ·57	5 ·74	1
12	Tues. 10	3 ·47	6 ·68	2
13	Wed. 11	4 ·36	7 ·61	3
14	Thur. 12	5 ·27	8 ·55	4
15	Fri. 13	6 ·19	9 ·50	5
16	Sat. 14	*Sukla.* 7 ·13	10 ·47	6
17	Sun. 15	8 ·07	11 ·47	7
18	Mon. 16	9 ·05	12 ·47	8
19	Tues. 17	10 ·03	13 ·49	9
20	Wed. 18	11 ·04	14 ·53	10
21	Thur. 19	12 ·06	15 ·60	11
22	Fri. 20	13 ·12	16 ·68	12
23	Sat. 21	14 ·19	17 ·78	13
24	Sun. 22	**P** ·27	18 ·89	14
25	Mon. 23	1 ·35	... ...	15
26	Tues. 24	2 ·43	19 ·00	16
27	Wed. 25	3 ·51	20 ·10	17
28	Thur. 26	4 ·57	21 ·19	18
29	Fri. 27	**Jyeshtha.** 5 ·60	22 ·27	19
30	Sat. 28	6 ·63	23 ·33	20
—31	Sun. 29	*Bahula.* 7 ·63	24 ·37	21
1	Mon. 30	8 ·62	25 ·38	22
2	Tues. 31	9 ·57	26 ·38	23
	June.			
3	Wed. 1	10 ·52	27 ·36	24
4	Thur. 2	11 ·45	1 ·33	25
5	Fri. 3	12 ·36	2 ·27	26
6	Sat. 4	13 ·27	3 ·21	27
7	Sun. 5	14 ·17	4 ·15	28
8	Mon. 6	**A** ·06 / 1 ·96	5 ·08	29
9	Tues. 7	2 ·87	6 ·01 / 7 ·95	—30
10	Wed. 8	3 ·77	8 ·39	1
11	Thur. 9	4 ·69	9 ·84	2
12	Fri. 10	5 ·62	10 ·80	3
13	Sat. 11	*Sukla.* 6 ·56	11 ·79	4
14	Sun. 12	7 ·53	12 ·79	5
15	Mon. 13	8 ·51	13 ·81	6
16	Tues. 14	9 ·53	14 ·84	7
17	Wed. 15	10 ·55	15 ·90	8
18	Thur. 16	11 ·60	16 ·99	9
19	Fri. 17	12 ·66	... ...	10
20	Sat. 18	13 ·73	17 ·08	11
21	Sun. 19	14 ·82	18 ·19	12
22	Mon. 20	**P** ·90	19 ·29	13
23	Tues. 21	1 ·98	20 ·40	14
24	Wed. 22	... ...	21 ·50	15
25	Thur. 23	*Bahula.* 2 ·04	22 ·58	16
26	Fri. 24	3 ·09	23 ·64	17
27	Sat. 25	4 ·11	24 ·68	18
28	Sun. 26	5 ·10	25 ·70	19
29	Mon. 27	6 ·09	26 ·71	20
30	Tues. 28	7 ·05 / 8 ·99	27 ·69	21
31	Wed. 29	9 ·92	1 ·66	22
—32	Thur. 30	10 ·84	2 ·61	23

H. 1092 *Jamāda'l awwal.*

H. 1092 *Jamāda'l ākhir.*

H. 1092 *Rabi-ul ākhir.*

H. 1092 *Śafar.*

Durmati.

Durmati.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1681. **Kollam 857,** { **N. Malabar—Sep.** **Hijra** { **1092,** Commences **Jan. 11.** **Vikrama 1738.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** { **1093** Do. **Dec. 31.** **Bengal San. 1087.**
P—Paurnimā. **(N. Cycle) Pramoda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Fri.	1	11 ·74	3 ·55	24		Thur.	1	14 ·11	11 ·77	27		Tues.	1	1 ·25	17 ·60	—29
	Sat.	2	12 ·64	4 ·48	25		Fri. ●	2	—A ·06	12 ·75	28		Wed.	2	2 ·32	18 ·69	1
	Sun.	3	13 ·54	5 ·42	26		Sat.	3	1 ·02	13 ·77	—29		Thur.	3	3 ·40	19 ·79	2
	Mon.	4	14 ·44	6 ·34	27		Sun.	4	2 ·01	14 ·79	1		Fri.	4	4 ·50	20 ·90	3
	Tues.	5	—A ·33	7 ·28	28		Mon.	5	3 ·03	15 ·84	2		Sat.	5	5 ·59	... ...	4
	Wed.	6	1 ·24	8 ·22	—29		Tues.	6	4 ·05	16 ·90	3		Sun.	6	6 ·67	21 ·00	5
	Thur.	7	2 ·16	9 ·17	1		Wed.	7	5 ·09	17 ·99	4		Mon.	7	7 ·73	22 ·11	6
	Fri.	8	3 ·09	10 ·14	2		Thur.	8	6 ·15	... ...	5		Tues.	8	8 ·78	23 ·19	7
	Sat.	9	4 ·04	11 ·12	3		Fri.	9	7 ·22	18 ·09	6		Wed.	9	9 ·82	24 ·26	8
	Sun.	10	5 ·01 6 ·99	12 ·11	4		Sat.	10	8 ·30	19 ·20	7		Thur.	10	10 ·82	25 ·30	9
	Mon.	11	... ...	13 ·12	5		Sun.	11	9 ·39	20 ·31	8		Fri.	11	11 ·81	26 ·32	10
	Tues.	12	7 ·00	14 ·16	6		Mon.	12	10 ·47	21 ·40	9		Sat.	12	12 ·77	27 ·33	11
	Wed.	13	8 ·02	15 ·21	7		Tues.	13	11 ·54	22 ·49	10		Sun.	13	13 ·73	1 ·32	12
	Thur.	14	9 ·07	16 ·29	8		Wed.	14	12 ·59	23 ·57	11		Mon.	14	14 ·67	2 ·29	13
	Fri.	15	10 ·12	17 ·38	9		Thur.	15	13 ·62	24 ·63	12		Tues.	15	P ·59	3 ·24	14
	Sat.	16	11 ·20	18 ·49	10		Fri.	16	14 ·63	25 ·67	13		Wed.	16	1 ·49	4 ·18	15
	Sun.	17	12 ·29	19 ·60	11		Sat.	17	P ·61	26 ·68	14		Thur.	17	2 ·40	5 ·13	16
	Mon.	18	13 ·37	20 ·71	12		Sun.	18	1 ·58	27 ·67	15		Fri.	18	3 ·30	6 ·05 7 ·98	17
	Tues.	19	14 ·45	21 ·80	13		Mon.	19	2 ·53	1 ·65	16		Sat.	19	4 ·20	8 ·92	18
	Wed.	20	P ·51	22 ·89	14		Tues.	20	3 ·47	2 ·62	17		Sun.	20	5 ·11	9 ·85	19
	Thur.	21	1 ·56	23 ·95	15		Wed.	21	4 ·39	3 ·57	18		Mon.	21	6 ·03 7 ·95	10 ·80	20
	Fri.	22	2 ·58	... ...	16		Thur.	22	5 ·30	4 ·51	19						
	Sat.	23	3 ·59	24 ·00	17		Fri.	23	6 ·20	5 ·44	20		Tues.	22	8 ·88	11 ·77	21
	Sun.	24	4 ·57	25 ·03	18		Sat.	24	7 ·11	6 ·37	21		Wed.	23	9 ·83	12 ·74	22
	Mon.	25	5 ·54	26 ·04	19		Sun.	25	8 ·00 9 ·90	7 ·31	22		Thur.	24	10 ·81	13 ·73	23
	Tues.	26	6 ·48	27 ·02 1 ·99	20		Mon.	26	10 ·81	8 ·24	23		Fri.	25	11 ·79	14 ·74	24
	Wed.	27	7 ·41	2 ·94	21		Tues.	27	11 ·73	9 ·18	24		Sat.	26	12 ·81	15 ·77	25
	Thur.	28	8 ·33	3 ·89	22		Wed.	28	12 ·67	10 ·13	25		Sun.	27	13 ·84	16 ·83	26
	Fri.	29	9 ·24	4 ·83	23		Thur.	29	13 ·62	11 ·10	26		Mon.	28	14 ·90	17 ·90	27
	Sat.	30	10 ·14	5 ·76	24		Fri.	30	14 ·59	12 ·09	27		Tues.	29	—A ·96	18 ·99	28
	Sun.	31	11 ·03 12 ·93	6 ·69	25								Wed.	30	... ...	... ...	29
	Aug.						**Oct.**						**Dec.**				
	Mon.	1	13 ·83	7 ·62	26		Sat.	1	—A ·57	13 ·09	28		Thur.	1	1 ·04	19 ·09	—30
	Tues.	2	14 ·74	8 ·56	27		Sun	2	1 ·59	14 ·11	29		Fri.	2	2 ·13	20 ·20	1
	Wed.	3	—A ·66	9 ·51	28		Mon.	3	2 ·61	15 ·15	—30		Sat.	3	3 ·23	21 ·31	2
	Thur.	4	1 ·59	10 ·47	29		Tues.	4	3 ·65	16 ·21	1		Sun.	4	4 ·31	22 ·41	3
	Fri.	5	2 ·53	11 ·44	—30		Wed.	5	4 ·72	17 ·29	2		Mon.	5	5 ·37	23 ·50	4
	Sat.	6	3 ·50	12 ·43	1		Thur.	6	5 ·79	18 ·38	3		Tues.	6	6 ·43	24 ·56	5
	Sun.	7	4 ·49	13 ·44	2		Fri.	7	6 ·86	19 ·49	4		Wed.	7	7 ·45	25 ·61	6
	Mon.	8	5 ·50	14 ·48	3		Sat.	8	7 ·96	20 ·60	5		Thur.	8	8 ·46	26 ·65	7
	Tues.	9	6 ·51	15 ·53	4		Sun.	9	... ...	21 ·70	6		Fri.	9	9 ·45	27 ·66	8
	Wed.	10	7 ·56	16 ·60	5		Mon.	10	8 ·04	22 ·80	7		Sat.	10	10 ·41	1 ·65	9
	Thur.	11	8 ·63	17 ·68	6		Tues.	11	9 ·12	23 ·89	8		Sun.	11	11 ·36	2 ·62	10
	Fri.	12	9 ·71	18 ·78	7		Wed.	12	10 ·16	24 ·95	9		Mon.	12	12 ·29	3 ·57	11
	Sat.	13	10 ·79	19 ·90	8		Thur.	13	11 ·20	25 ·98	10		Tues.	13	13 ·21	4 ·53	12
	Sun.	14	11 ·87	... ..	9		Fri.	14	12 ·21	... ...	11		Wed.	14	14 ·12	5 ·46	13
	Mon.	15	12 ·95	20 ·01	10		Sat.	15	13 ·20	26 ·00	12		Thur.	15	P ·03 1 ·94	6 ·39	14
	Tues.	16	... ...	21 ·10	11		Sun.	16	14 ·16	27 ·00 1 ·99	13						
	Wed.	17	13 ·02	22 ·19	12								Fri.	16	2 ·84	7 ·32	15
	Thur.	18	14 ·06	23 ·26	13		Mon.	17	P ·12	2 ·95	14		Sat.	17	3 ·74	8 ·25	16
	Fri. ○	19	P ·08	24 ·31	14		Tues.	18	1 ·05 2 ·96	3 90	15		Sun.	18	4 ·66	9 ·19	17
	Sat.	20	1 ·10	25 ·35	15								Mon.	19	5 58	10 ·14	18
	Sun.	21	2 ·07	26 ·36	16		Wed.	19	3 ·88	4 ·84	16		Tues.	20	6 ·52	11 ·10	19
	Mon.	22	3 ·04 4 ·99	27 ·35	17		Thur.	20	4 ·78	5 ·78	17		Wed.	21	7 ·48	12 ·07	20
							Fri.	21	5 ·69	6 ·72	18		Thur.	22	8 ·45	13 ·05	21
	Tues.	23	5 ·93	1 ·32	18		Sat.	22	6 ·59	7 ·65	19		Fri.	23	9 ·44	14 ·06	22
	Wed.	24	6 ·84	2 ·28	19		Sun.	23	7 ·49	8 ·58	20		Sat.	24	10 ·45	15 ·09	23
	Thur.	25	7 ·75	3 ·23	20		Mon.	24	8 ·40	9 ·52	21		Sun.	25	11 ·49	16 ·14	24
	Fri.	26	8 ·65	4 ·17	21		Tues.	25	9 ·32	10 ·47	22		Mon.	26	12 ·55	17 ·21	25
	Sat.	27	9 ·55	5 ·10	22		Wed.	26	10 ·26	11 ·44	23		Tues.	27	13 ·62	18 ·29	26
	Sun.	28	10 ·44	6 ·03 7 ·93	23		Thur.	27	11 ·21	12 ·41	24		Wed.	28	14 ·70	19 ·39	27
							Fri.	28	12 ·18	13 ·41	25		Thur.	29	—A ·79	20 ·51	28
	Mon.	29	11 ·34	8 ·90	24		Sat.	29	13 ·16	14 ·42	26		Fri.	30	1 ·88	21 ·61	—29
	Tues.	30	12 ·26	9 ·85	25		Sun.	30	14 ·18	15 ·46	27		Sat.	31	2 ·96	22 ·71	1
	Wed.	31	13 ·18	10 ·80	26		Mon.	31	—A ·21	16 ·51	28						

Durmati. **Karkaṭaka—Ādi.** *Śukla.* *Śrāvaṇa.* *Bahula.* *H.* 1092 *Rajab.*

Durmati. **Kanyā—Puraṭṭāsi.** *Śukla.* **Adhika Āśvina.** *Bahula.* *H.* 1092 *Ramazān.*

Durmati. **Vṛśchika—Kārttigai.** *Śukla.* *Kārttika.* *Bahula.* *H.* 1092 *Zi-l-ka'da.*

Durmati. **Siṁha—Āvaṇi.** *Śukla.* *Bhādrapada.* *Bahula.* *H.* 1092 *Shaʻbān.*

Durmati. **Tulā—Aippaśi.** *Śukla.* **Nija Āśvina.** *Bahula.* *H.* 1092 *Shawwāl.*

Durmati. **Dhanus—Mārgaḷi.** *Śukla.* *Mārgaśīrsha.* *Bahula.* *H.* 1092 *Zi-l-ḥijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1682. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·21.** **Śaka 1604.** **Kaliyuga 4783.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·12.** **(S. Cycle) Dundubhi.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Durmati. **Makara—Tai.** 3	Sun. 1	... ...	23 ·80	2
4	Mon. 2	3 ·02	24 ·87	3
5	Tues. 3	4 ·07	25 ·94	4
6	Wed. 4	*Śukla.* 5 ·10	26 ·97	5
7	Thur. 5	6 ·11	27 ·98	6
8	Fri. 6	7 ·09	1 ·97	7
9	Sat. 7	8 ·06	2 ·95	8
10	Sun. 8	9 ·01 / 10 ·95	3 ·91	9
11	Mon. 9	11 ·86	4 ·86	10
12	Tues. 10	12 ·76	5 ·80	11
13	Wed. 11	**Māgha.** 13 ·67	6 ·73	12
14	Thur. 12	14 ·57	7 ·66	13
15	Fri. 13	P ·47	8 ·59	14
16	Sat. 14	1 ·38	9 ·54	15
17	Sun. 15	2 ·30	10 ·48	16
18	Mon. 16	3 ·22	11 ·43	17
19	Tues. 17	4 ·17	12 ·39	18
20	Wed. 18	5 ·12	13 ·38	19
21	Thur. 19	6 ·09	14 ·39	20
22	Fri. 20	7 ·08	15 ·41	21
23	Sat. 21	*Bahula.* 8 ·10	16 ·45	22
24	Sun. 22	9 ·15	17 ·51	23
25	Mon. 23	10 ·20	18 ·59	24
26	Tues. 24	11 ·26	19 ·69	25
27	Wed. 25	12 ·35	20 ·80	26
28	Thur. 26	13 ·44	21 ·91	27
—29	Fri. 27	14 ·53	... ...	28
1	Sat. 28	—A ·60	22 ·01	29
2	Sun. 29	1 ·67	23 ·10	—30
3	Mon. 30	2 ·72	24 ·18	1
4	Tues. 31	3 ·74	25 ·25	2
	Feb.			
5	Wed. 1	4 ·74	26 ·29	3
6	Thur. 2	5 ·72	27 ·30	4
7	Fri. 3	*Śukla.* 6 ·69	1 ·30	5
8	Sat. 4	7 ·63	2 ·28	6
9	Sun. 5	8 ·57	3 ·25	7
10	Mon. 6	9 ·48	4 ·20	8
11	Tues. 7	10 ·39	5 ·14	9
12	Wed. 8	11 ·30	6 ·07	10
13	Thur. 9	12 ·20	7 ·00 / 8 ·94	11
14	Fri. 10	13 ·10	9 ·87	12
Durmati. **Kumbha—Māsi.** 15	Sat. ○ 11	14 ·00 / P ·92	10 ·81	13
16	Sun. 12	1 ·83	11 ·76	14
17	Mon. 13	2 ·78	12 ·72	15
18	Tues. 14	**Phālguna.** 3 ·74	13 ·70	16
19	Wed. 15	4 ·72	14 ·71	17
20	Thur. 16	5 ·70	15 ·72	18
21	Fri. 17	6 ·71	16 ·76	19
22	Sat. 18	7 ·76	17 ·82	20
23	Sun. 19	8 ·82	18 ·91	21
24	Mon. 20	9 ·89	... ...	22
25	Tues. 21	*Bahula.* 10 ·98	19 ·00	23
26	Wed. 22	... ...	20 ·10	24
27	Thur. 23	11 ·07	21 ·21	25
28	Fri. 24	12 ·15	22 ·31	26
29	Sat. 25	13 ·22	23 ·41	27
—30	Sun. 26	14 ·28	24 ·50	28
1	Mon. 27	—A ·33	25 ·56	—29
2	Tues. 28	1 ·35	26 ·60	1
	March.			
3	Wed. 1	2 ·35	27 ·62	2
4	Thur. 2	*Śukla.* 3 ·34	1 ·62	3
5	Fri. 3	4 ·30	2 ·62	4
6	Sat. 4	5 ·24	3 ·58	5
7	Sun. 5	6 ·17	4 ·53	6
8	Mon. 6	7 ·08 / 8 ·99	5 ·47	7
9	Tues. 7	9 ·89	6 ·41	8
Durmati. **Mīna—Pāguni.** 10	Wed. 8	10 ·80	7 ·35	9
11	Thur. 9	11 ·70	8 ·28	10
12	Fri. 10	12 ·61	9 ·21	11
13	Sat. 11	**Adhika Chaitra.** 13 ·52	10 ·15	12
14	Sun. 12	14 ·43	11 ·09	13
15	Mon. 13	P ·37	12 ·06	14
16	Tues. 14	1 ·33	13 ·04	15
17	Wed. 15	2 ·31	14 ·03	16
18	Thur. 16	3 ·29	15 ·04	17
19	Fri. 17	4 ·32	16 ·07	18
20	Sat. 18	5 ·35	17 ·13	19
21	Sun. 19	*Bahula.* 6 ·40	18 ·21	20
22	Mon. 20	7 ·48	19 ·30	21
23	Tues. 21	8 ·56	20 ·40	22
24	Wed. 22	9 ·65	21 ·50	23
25	Thur. 23	10 ·73	22 ·61	24
26	Fri. 24	11 ·80	23 ·72	25
27	Sat. 25	12 ·86	24 ·80	26
28	Sun. 26	13 ·90	25 ·87	27
29	Mon. 27	14 ·93	26 ·92	28
—30	Tues. 28	—A ·92	27 ·96	29
1	Wed. 29	1 ·91	1 ·96	—30
2	Thur. 30	2 ·86	2 ·94	1
3	Fri. 31	3 ·80	3 ·91	2
	April.			
4	Sat. 1	4 ·73	4 ·87	3
5	Sun. 2	*Śukla.* 5 ·64	5 ·81	4
6	Mon. 3	6 ·55	6 ·76	5
7	Tues. 4	7 ·45	7 ·69	6
8	Wed. 5	8 ·35	8 ·62	7
9	Thur. 6	9 ·25	9 ·55	8
10	Fri. 7	10 ·16	10 ·49	9
Dundubhi. **Mēsha—Chittirai.** 11	Sat. 8	11 ·07 / 12 ·99	11 ·44	10
12	Sun. 9	13 ·92	12 ·39	11
13	Mon. 10	**Nija Chaitra.** 14 ·88	13 ·36	12
14	Tues. 11	P ·86	14 ·35	13
15	Wed. 12	1 ·83	15 ·36	14
16	Thur. 13	2 ·85	16 ·39	15
17	Fri. 14	3 ·89	17 ·44	16
18	Sat. 15	4 ·95	18 ·51	17
19	Sun. 16	... ...	19 ·60	18
20	Mon. 17	5 ·02	20 ·70	19
21	Tues. 18	6 ·10	21 ·80	20
22	Wed. 19	*Bahula.* 7 ·19	22 ·92	21
23	Thur. 20	8 ·27	... ...	22
24	Fri. 21	9 ·33	23 ·02	23
25	Sat. 22	10 ·39	24 ·11	24
26	Sun. 23	11 ·44	25 ·18	25
27	Mon. 24	12 ·45	26 ·23	26
28	Tues. 25	13 ·46	27 ·27	27
29	Wed. 26	14 ·44	1 ·28	28
30	Thur. 27	—A ·39	2 ·27	—29
—31	Fri. 28	1 ·33	3 ·24	1
1	Sat. 29	2 ·25	4 ·20	2
2	Sun. 30	3 ·17	5 ·16	3
	May.			
Dundubhi. **Vrishabha—Vaigāśi.** 3	Mon. 1	4 ·08 / 5 ·98	6 ·09	4
4	Tues. 2	6 ·87	7 ·03 / 8 ·96	5
5	Wed. 3	7 ·77	9 ·88	6
6	Thur. 4	*Śukla.* 8 ·68	10 ·82	7
7	Fri. 5	9 ·59	11 ·77	8
8	Sat. 6	10 ·51	12 ·72	9
9	Sun. 7	11 ·44	13 ·69	10
10	Mon. 8	12 ·40	14 ·68	11
11	Tues. 9	13 ·37	15 ·68	12
12	Wed. 10	**Vaiśākha.** 14 ·36	16 ·70	13
13	Thur. 11	P ·36	17 ·75	14
14	Fri. 12	1 ·40	18 ·82	15
15	Sat. 13	2 ·46	19 ·90	16
16	Sun. 14	3 ·52	... ...	17
17	Mon. 15	4 ·60	20 ·00	18
18	Tues. 16	5 ·68	21 ·11	19
19	Wed. 17	*Bahula.* 6 ·77	22 ·22	20
20	Thur. 18	7 ·84	23 ·32	21
21	Fri. 19	8 ·89	24 ·41	22
22	Sat. 20	9 ·93	25 ·49	23
23	Sun. 21	10 ·95	26 ·55	24
24	Mon. 22	11 ·95	27 ·59	25
25	Tues. 23	12 ·93	1 ·60	26
26	Wed. 24	13 ·90	2 ·60	27
27	Thur. 25	14 ·84	3 ·57	28
28	Fri. 26	—A ·76	4 ·54	29
29	Sat. 27	1 ·67	5 ·49	—30
30	Sun. 28	2 ·57	6 ·43	1
—31	Mon. 29	3 ·48	7 ·36	2
1	Tues. 30	4 ·37	8 ·29	3
2	Wed. 31	*Śukla.* 5 ·28	9 ·22	4
	June.			
3	Thur. 1	6 ·18	10 ·16	5
4	Fri. 2	7 ·08	11 ·11	6
5	Sat. 3	8 ·00 / 9 ·93	12 ·06	7
6	Sun. 4	10 ·89	13 ·02	8
7	Mon. 5	11 ·85	14 ·00	9
8	Tues. 6	12 ·84	15 ·01	10
9	Wed. 7	13 ·85	16 ·03	11
10	Thur. 8	14 ·89	17 ·06	12
Dundubhi. **Mithuna—Āni.** 11	Fri. 9	P ·93	18 ·12	13
12	Sat. 10	1 ·99	19 ·20	14
13	Sun. 11	... ...	20 ·30	15
14	Mon. 12	2 ·07	21 ·41	16
15	Tues. 13	3 ·15	22 ·51	17
16	Wed. 14	*Bahula.* 4 ·24	23 ·62	18
17	Thur. 15	5 ·31	24 ·71	19
18	Fri. 16	6 ·37	25 ·80	20
19	Sat. 17	7 ·41	26 ·86	21
20	Sun. 18	8 ·43	27 ·90	22
21	Mon. 19	9 ·43	1 ·92	23
22	Tues. 20	10 ·41	2 ·92	24
23	Wed. 21	11 ·38	3 ·90	25
24	Thur. 22	12 ·32	4 ·88	26
25	Fri. 23	13 ·24	5 ·83	27
26	Sat. 24	14 ·16	6 ·77	28
27	Sun. 25	A ·07 / 1 ·96	7 ·70	—29
28	Mon. 26	2 ·86	8 ·63	1
29	Tues. 27	3 ·76	9 ·57	2
30	Wed. 28	*Śukla.* 4 ·66	10 ·50	3
31	Thur. 29	5 ·56	11 ·44	4
—32	Fri. 30	6 ·48	12 ·39	5

Jamāda'l awwal. *Jamāda'l ākhir.* *Rabī-ul awwal.* *Rabī-ul ākhir.* *Śafar.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1682. **Kollam 858,** { **N. Malabar—Sep.** **Hijra 1094.** **Vikrama 1739.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Dec. 21.** **Bengal San. 1088.**
P—Paurnimā. **(N. Cycle) Prajāpati.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Dundubhi. **Karkataka—Ādi.**	**July.**			
1	Sat. 1	7 ·41	13 ·35	6
2	Sun. 2	8 ·36	14 ·34	7
3	Mon. 3	9 ·33	15 ·33	8
4	Tues. 4	10 ·32	16 ·34	9
5	Wed. 5	11 ·32	17 ·38	10
6	Thur. 6	12 ·36	18 ·43	11
7	Fri. 7	13 ·41	19 ·51	12
8	Sat. 8	14 ·47	20 ·66	13
9	Sun. 9	P ·54	21 ·70	14
10	Mon. 10	1 ·62	22 ·81	15
11	Tues. 11	2 ·71	23 ·92	16
12	Wed. 12	3 ·78	... ...	17
13	Thur. 13	4 ·84	24 ·02	18
14	Fri. 14	5 ·89	25 ·11	19
15	Sat. 15	6 ·91	26 ·17	20
16	Sun. 16	7 ·91	27 ·22	21
17	Mon. 17	8 ·90	1 ·24	22
18	Tues. 18	9 ·86	2 ·25	23
19	Wed 19	10 ·80	3 ·24	24
20	Thur. 20	11 ·73	4 ·21	25
21	Fri. 21	12 ·65	5 ·16	26
22	Sat. 22	13 ·55	6 ·11	27
23	Sun. 23	14 ·45	7 ·04 8 ·98	28
24	Mon. 24	—A ·35	9 ·91	29
25	Tues. 25	1 ·25	10 ·84	—30
26	Wed. 26	2 ·15	11 ·78	1
27	Thur. 27	3 ·05 4 ·97	12 ·72	2
28	Fri. 28	5 ·90	13 ·68	3
29	Sat. 29	6 ·84	14 ·66	4
30	Sun. 30	7 ·82	15 ·65	5
31	Mon. 31	8 ·80	16 ·66	6
Dundubhi. **Simha—Āvaṇi.**	**Aug.**			
—32	Tues. 1	9 ·81	17 ·69	7
1	Wed. 2	10 ·84	18 ·75	8
2	Thur. 3	11 ·88	19 ·82	9
3	Fri. 4	12 ·94	20 ·91	10
4	Sat. 5	... ...	... ...	11
5	Sun. 6	13 ·03	21 ·00	12
6	Mon. 7	14 ·12	22 ·11	13
7	Tues. ○ 8	P ·20	23 ·22	14
8	Wed. 9	1 ·28	24 ·33	15
9	Thur. 10	2 ·33	25 ·41	16
10	Fri. 11	3 ·37	26 ·48	17
11	Sat. 12	4 ·41	27 ·53	18
12	Sun. 13	5 ·40	1 ·56	19
13	Mon. 14	6 ·45	2 ·58	20
14	Tues. 15	7 ·36	3 ·57	21
15	Wed. 16	8 ·31	4 ·54	22
16	Thur. 17	9 ·23	5 ·50	23
17	Fri. 18	10 ·15	6 ·44	24
18	Sat. 19	11 ·06 12 ·96	7 ·39	25
19	Sun. 20	13 ·85	8 ·32	26
20	Mon. 21	14 ·75	9 ·25	27
21	Tues. 22	—A ·65	10 ·18	28
22	Wed. 23	1 ·56	11 ·11	—29
23	Thur. 24	2 ·49	12 ·06	1
24	Fri. 25	3 ·42	13 ·02 14 ·99	2
25	Sat. 26	4 ·36	15 ·97	3
26	Sun. 27	5 ·34	16 ·98	4
27	Mon. 28	6 ·32	.. ...	5
28	Tues. 29	7 ·34	17 ·00	6
29	Wed. 30	8 ·36	18 ·06	7
30	Thur. 31	9 ·41	19 ·12	8

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Dundubhi. **Kanyā—Puraṭṭāsi.**	**Sep.**			
—31	Fri. 1	10 ·47	20 ·21	9
1	Sat. 2	11 ·54	21 ·30	10
2	Sun. 3	12 ·63	22 ·41	11
3	Mon. 4	13 ·71	23 ·52	12
4	Tues. 5	14 ·79	24 ·63	13
5	Wed. 6	P ·86	25 ·72	14
6	Thur. 7	1 ·91	26 ·79	15
7	Fri. 8	2 ·93	27 ·84	16
8	Sat. 9	3 ·93	1 ·88	17
9	Sun. 10	4 ·92	2 ·90	18
10	Mon. 11	5 ·89	3 ·89	19
11	Tues. 12	6 ·84	4 ·87	20
12	Wed. 13	7 ·76	5 ·83	21
13	Thur. 14	8 ·68	6 ·79	22
14	Fri. 15	9 ·59	7 ·73	23
15	Sat. 16	10 ·50	8 ·66	24
16	Sun. 17	11 ·40	9 ·59	25
17	Mon. 18	12 ·30	10 ·52	26
18	Tues. 19	13 ·20	11 ·46	27
19	Wed. 20	14 ·10	12 ·40	28
20	Thur. 21	A ·03 1 ·96	13 ·35	29
21	Fri. 22	2 ·91	14 ·32	—30
22	Sat. 23	3 ·88	15 ·30	1
23	Sun. 24	4 ·86	16 ·30	2
24	Mon. 25	5 ·88	17 ·33	3
25	Tues. 26	6 ·90	18 ·37	4
26	Wed. 27	7 ·96	19 ·43	5
27	Thur. 28	... ...	20 ·51	6
28	Fri. 29	8 ·02	21 ·60	7
29	Sat. 30	9 ·10	22 ·71	8
Dundubhi. **Tulā—Aippasi.**	**Oct.**			
—30	Sun. 1	10 ·19	23 ·82	9
1	Mon. 2	11 ·27	24 ·93	10
2	Tues. 3	12 ·35	... ...	11
3	Wed. 4	13 ·42	25 ·02	12
4	Thur. 5	14 ·47	26 ·10	13
5	Fri. 6	P ·49	27 ·17	14
6	Sat. 7	1 ·51	1 ·20	15
7	Sun. 8	2 ·49	2 ·22	16
8	Mon. 9	3 ·47	3 ·22	17
9	Tues. 10	4 ·41	4 ·20	18
10	Wed. 11	5 ·33	5 ·17	19
11	Thur. 12	6 ·25	6 ·12	20
12	Fri. 13	7 ·17	7 ·06	21
13	Sat. 14	8 ·07 9 ·97	8 ·00 9 ·93	22
14	Sun. 15	10 ·87	10 ·86	23
15	Mon. 16	11 ·77	11 ·80	24
16	Tues. 17	12 ·68	12 ·74	25
17	Wed. 18	13 ·61	13 ·69	26
18	Thur. 19	14 ·54	14 ·65	27
19	Fri. 20	—A ·50	15 ·62	28
20	Sat. 21	1 ·47	16 ·62	—29
21	Sun. 22	2 ·46	17 ·64	1
22	Mon. 23	3 ·46	18 ·67	2
23	Tues. 24	4 ·49	19 ·74	3
24	Wed. 25	5 ·55	20 ·81	4
25	Thur. 26	6 ·63	21 ·91	5
26	Fri. 27	7 ·71	... ...	6
27	Sat. 28	8 ·79	22 ·01	7
28	Sun. 29	9 ·88	23 ·12	8
29	Mon. 30	10 ·96	24 ·23	9
—30	Tues. 31	... ...	25 ·32	10

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Dundubhi. **Vṛiśchika—Kārttigai.**	**Nov.**			
1	Wed. 1	11 ·03	26 ·41	11
2	Thur. 2	12 ·07	27 ·48	12
3	Fri. 3	13 ·10	1 ·52	13
4	Sat. 4	14 ·11	2 ·54	14
5	Sun. 5	P ·09	3 ·54	15
6	Mon. 6	1 ·07	4 ·54	16
7	Tues. 7	2 ·02 3 ·95	5 ·51	17
8	Wed. 8	4 ·87	6 ·46	18
9	Thur. 9	5 ·78	7 ·40	19
10	Fri. 10	6 ·68	8 ·33	20
11	Sat. 11	7 ·58	9 ·26	21
12	Sun. 12	8 ·48	10 ·20	22
13	Mon. 13	9 ·39	11 ·13	23
14	Tues. 14	10 ·31	12 ·07	24
15	Wed. 15	11 ·23	13 ·02 14 ·98	25
16	Thur. 16	12 ·16	15 ·96	26
17	Fri. 17	13 ·12	16 ·95	27
18	Sat. 18	14 ·09	17 ·96	28
19	Sun. 19	—A ·08	18 ·99	29
20	Mon. 20	1 ·09	... ...	—30
21	Tues. 21	2 ·14	19 ·04	1
22	Wed. 22	3 ·19	20 ·12	2
23	Thur. 23	4 ·26	21 ·21	3
24	Fri. 24	5 ·33	22 ·31	4
25	Sat. 25	6 ·43	23 ·41	5
26	Sun. 26	7 ·52	24 ·52	6
27	Mon. 27	8 ·59	25 ·63	7
28	Tues. 28	9 ·66	26 ·72	8
—29	Wed. 29	10 ·71	27 ·79	9
1	Thur. 30	11 ·74	1 ·83	10
Dundubhi. **Dhanus—Mārgaḷi.**	**Dec.**			
2	Fri. 1	12 ·74	2 ·86	11
3	Sat. 2	13 ·73	3 ·87	12
4	Sun. 3	14 ·70	4 ·87	13
5	Mon. 4	P ·64	5 ·84	14
6	Tues. 5	1 ·58	6 ·79	15
7	Wed. 6	2 ·50	7 ·74	16
8	Thur. 7	3 ·41	8 ·68	17
9	Fri. 8	4 ·31	9 ·61	18
10	Sat. 9	5 ·21	10 ·54	19
11	Sun. 10	6 ·11	11 ·47	20
12	Mon. 11	7 ·01 8 ·93	12 ·41	21
13	Tues. 12	9 ·86	13 ·35	22
14	Wed. 13	10 ·80	14 ·32	23
15	Thur. 14	11 ·75	15 ·29	24
16	Fri. 15	12 ·73	16 ·27	25
17	Sat. 16	13 ·72	17 ·28	26
18	Sun. 17	14 ·73	18 ·30	27
19	Mon. 18	—A ·78	19 ·36	28
20	Tues. 19	1 ·83	20 ·43	29
21	Wed. 20	2 ·91	21 ·51	—30
22	Thur. 21	3 ·99	22 ·61	1
23	Fri. 22	... ...	23 ·71	2
24	Sat. 23	4 ·09	24 ·83	3
25	Sun. 24	5 ·17	25 ·93	4
26	Mon. 25	6 ·24	.. ...	5
27	Tues. 26	7 ·31	26 ·02	6
28	Wed. 27	8 ·35	27 ·09	7
29	Thur. 28	9 ·38	1 ·15	8
—30	Fri. 29	10 ·39	2 ·18	9
1	Sat. 30	11 ·38	3 ·20	10
2	Sun. 31	12 ·34	4 ·19	11

H. 1093 *Rajab.* | *H.* 1093 *Sha'bān.* | *H.* 1093 *Ramazān.* | *H.* 1093 *Shawwāl.* | *H.* 1093 *Zi-l-ka'da.* | *H.* 1093 *Zi-l-hijja.* | *H.* 1094 *Muharram.*

Sukla. | *Bahula.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1683. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·47.** **Śaka 1605.** **Kaliyuga 4784.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·38.** **(S. Cycle) Rudhirodgārin.**

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Dundubhi. **Makara—Tai.**	**Jan.**				
3	Mon.	1	13 ·29	5 ·17	12
4	Tues.	2	14 ·22	6 ·13	13
5	Wed.	3	P ·14	7 ·07	14
6	Thur.	4	1 ·06 / 2 ·96	8 ·02 / 9 ·95	15
7	Fri.	5	3 ·86	10 ·88	16
8	Sat.	6	4 ·76	11 ·81	17
9	Sun.	7	5 ·67	12 ·75	18
10	Mon.	8	6 ·58	13 ·70	19
11	Tues.	9	7 ·51	14 ·65	20
12	Wed.	10	8 ·45	15 ·61	21
13	Thur.	11	9 ·40	16 ·60	22
14	Fri.	12	10 ·38	17 ·60	23
15	Sat.	13	11 ·36	18 ·62	24
16	Sun.	14	12 ·39	19 ·66	25
17	Mon.	15	13 ·42	20 ·73	26
18	Tues.	16	14 ·48	21 ·81	27
19	Wed.	17	—A ·57	22 ·91	28
20	Thur.	18	1 ·66	.. ...	29
21	Fri.	19	2 ·74	23 ·01	—30
22	Sat.	20	3 ·82	24 ·12	1
23	Sun.	21	4 ·91	25 ·23	2
24	Mon.	22	5 ·97	26 ·32	3
25	Tues.	23	... ...	27 ·40	4
26	Wed.	24	6 ·01	1 ·46	5
27	Thur.	25	7 ·02	2 ·51	6
28	Fri.	26	8 ·03	3 ·52	7
—29	Sat.	27	9 ·02 / 10 ·98	4 ·52	8
1	Sun.	28	11 ·92	5 ·50	9
2	Mon.	29	12 ·85	6 ·46	10
3	Tues.	30	13 ·77	7 ·42	11
4	Wed.	31	14 ·68	8 ·36	12
	Feb.				
5	Thur.	○1	P ·58	9 ·29	13
6	Fri.	2	1 ·48	10 ·22	14
7	Sat.	3	2 ·38	11 ·15	15
8	Sun.	4	3 ·29	12 ·09	16
9	Mon.	5	4 ·20	13 ·03 / 14 ·98	17
10	Tues.	6	5 ·13	15 ·94	18
11	Wed.	7	6 ·07	16 ·92	19
12	Thur.	8	7 ·04	17 ·92	20
13	Fri.	9	8 ·01 / 9 ·99	18 ·94	21
14	Sat.	10	... ...	19 ·98	22
15	Sun.	11	10 ·01	.. .	23
16	Mon.	12	11 ·05	20 ·04	24
17	Tues.	13	12 ·11	21 ·12	25
18	Wed.	14	13 ·19	22 ·21	26
19	Thur.	15	14 ·29	23 ·32	27
20	Fri.	16	—A ·37	24 ·43	28
21	Sat.	17	1 ·45	25 ·53	29
22	Sun.	18	2 ·52	26 ·63	1
23	Mon.	19	3 ·58	27 ·71	2
24	Tues.	20	4 ·62	1 ·78	3
25	Wed.	21	5 ·64	2 ·82	4
26	Thur.	22	6 ·65	3 ·84	5
27	Fri.	23	7 ·63	4 ·84	6
28	Sat.	24	8 ·59	5 ·83	7
29	Sun.	25	9 ·53	6 ·80	8
—30	Mon.	26	10 ·46	7 ·75	9
1	Tues.	27	11 ·38	8 ·70	10
2	Wed.	28	12 ·29	9 ·63	11

Bahula. **Pausha.** *Sukla.* *H.* 1094 *Muharram.*

Bahula. **Māgha.** *Sukla.* **Phāl.** *H.* 1094 *Safar.*

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Dundubhi. **Mīna—Panguni.**	**March.**				
3	Thur.	1	13 ·19	10 ·56	12
4	Fri.	2	14 ·09 / P ·99	11 ·50	13
5	Sat.	3	1 ·89	12 ·43	14
6	Sun.	4	2 ·80	13 ·37	15
7	Mon.	5	3 ·73	14 ·31	16
8	Tues.	6	4 ·67	15 ·27	17
9	Wed.	7	5 ·63	16 ·25	18
10	Thur.	8	6 ·60	17 ·25	19
11	Fri.	9	7 ·59	18 ·26	20
12	Sat.	10	8 ·62	19 ·29	21
13	Sun.	11	9 ·65	20 ·35	22
14	Mon.	12	10 ·71	21 ·42	23
15	Tues.	13	11 ·79	22 ·52	24
16	Wed.	14	12 ·88	23 ·62	25
17	Thur.	15	13 ·96	24 ·72	26
18	Fri.	16	... ...	25 ·83	27
19	Sat.	17	14 ·05	26 ·93	28
20	Sun.	18	—A ·11	... ...	29
21	Mon.	19	1 ·17	27 ·02	—30
22	Tues.	20	2 ·22	1 ·09	1
23	Wed.	21	3 ·23	2 ·14	2
24	Thur.	22	4 ·23	3 ·16	3
25	Fri.	23	5 ·21	4 ·17	4
26	Sat.	24	6 ·17	5 ·16	5
27	Sun.	25	7 ·11	6 ·13	6
28	Mon.	26	8 ·04 / 9 ·95	7 ·09 / 8 ·03	7
29	Tues.	27	10 ·85	9 ·97	8
—30	Wed.	28	11 ·75	10 ·90	9
1	Thur.	29	12 ·65	11 ·84	10
2	Fri.	30	13 ·55	12 ·77	11
3	Sat.	31	14 ·46	13 ·70	12
	April.				
4	Sun.	1	P ·37	14 ·65	13
5	Mon.	2	1 ·29	15 ·60	14
6	Tues.	3	2 ·23	16 ·58	15
7	Wed.	4	3 ·19	17 ·57	16
8	Thur.	5	4 ·16	18 ·58	17
9	Fri.	6	5 ·16	19 ·61	18
10	Sat.	7	6 ·17	20 ·66	19
11	Sun.	8	7 ·21	21 ·73	20
12	Mon.	9	8 ·26	22 ·81	21
13	Tues.	10	9 ·34	23 ·91	22
14	Wed.	11	10 ·43	... ...	23
15	Thur.	12	11 ·51	24 ·02	24
16	Fri.	13	12 ·59	25 ·13	25
17	Sat.	14	13 ·66	26 ·24	26
18	Sun.	15	14 ·72	27 ·33	27
19	Mon.	16	—A ·76	1 ·40	28
20	Tues.	17	1 ·77	2 ·45	—29
21	Wed.	18	2 ·77	3 ·48	1
22	Thur.	19	3 ·75	4 ·49	2
23	Fri.	20	4 ·72	5 ·49	3
24	Sat.	21	5 ·65	6 ·46	4
25	Sun.	22	6 ·57	7 ·42	5
26	Mon.	23	7 ·48	8 ·37	6
27	Tues.	24	8 ·39	9 ·31	7
28	Wed.	25	9 ·29	10 ·25	8
29	Thur.	26	10 ·19	11 ·18	9
30	Fri.	27	11 ·09 / 12 ·99	12 ·10	10
—31	Sat.	28	13 ·90	13 ·04 / 14 ·98	11
1	Sun.	29	14 ·82	15 ·94	12
2	Mon.	30	P ·76	16 ·91	13

Bahula. **Phālguna.** *Sukla.* **Vaiśāk.** *H.* 1094 *Rabī-al awwal.*

Bahula. **Chaitra.** *Sukla.* *H.* 1094 *Rabī-al ākhir.*

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day
Rudhirodgārin. **Vrishabha—Vaigāśi.**	**May.**				
3	Tues.	1	1 ·72	17 ·90	14
4	Wed.	2	2 ·69	18 ·90	15
5	Thur.	3	3 ·68	19 ·92	16
6	Fri.	4	4 ·69	20 ·97	17
7	Sat.	5	5 ·74	... ...	18
8	Sun.	6	6 ·79	21 ·04	19
9	Mon.	7	7 ·85	22 ·12	20
10	Tues.	8	8 ·93	23 ·22	21
11	Wed.	9	... ...	24 ·32	22
12	Thur.	10	9 ·02	25 ·44	23
13	Fri.	11	10 ·10	26 ·54	24
14	Sat.	12	11 ·17	27 ·63	25
15	Sun.	13	12 ·23	1 ·71	26
16	Mon.	14	13 ·26	2 ·76	27
17	Tues.	15	14 ·29	3 ·81	28
18	Wed.	16	—A ·28	4 ·82	29
19	Thur.	17	1 ·26	5 ·82	—30
20	Fri.	18	2 ·22	6 ·79	1
21	Sat.	19	3 ·15	7 ·75	2
22	Sun.	20	4 ·08 / 5 ·99	8 ·70	3
23	Mon.	21	6 ·89	9 ·65	4
24	Tues.	22	7 ·79	10 ·58	5
25	Wed.	23	8 ·69	11 ·51	6
26	Thur.	24	9 ·59	12 ·44	7
27	Fri.	25	10 ·49	13 ·38	8
28	Sat.	26	11 ·40	14 ·33	9
29	Sun.	27	12 ·32	15 ·28	10
30	Mon.	28	13 ·26	16 ·24	11
31	Tues.	29	14 ·21	17 ·22	12
—32	Wed.	30	P ·19	18 ·22	13
1	Thur.	31	1 ·17	19 ·24	14
	June.				
2	Fri.	1	2 ·19	20 ·28	15
3	Sat.	2	3 ·22	21 ·34	16
4	Sun.	3	4 ·26	22 ·42	17
5	Mon.	4	5 ·33	23 ·52	18
6	Tues.	5	6 ·41	24 ·62	19
7	Wed.	6	7 ·49	25 ·73	20
8	Thur.	7	8 ·57	26 ·84	21
9	Fri.	8	9 ·65	27 ·93	22
10	Sat.	9	10 ·71	... ...	23
11	Sun.	10	11 ·74	1 ·01	24
12	Mon.	11	12 ·77	2 ·07	25
13	Tues.	12	13 ·76	3 ·12	26
14	Wed.	13	14 ·74	4 ·14	27
15	Thur.	14	—A ·69	5 ·14	28
16	Fri.	15	1 ·64	6 ·12	—29
17	Sat.	16	2 ·57	7 ·09	1
18	Sun.	17	3 ·48	8 ·05	2
19	Mon.	18	4 ·38	9 ·00 / 10 ·92	3
20	Tues.	19	5 ·28	11 ·85	4
21	Wed.	20	6 ·18	12 ·78	5
22	Thur.	21	7 ·08 / 8 ·98	13 ·72	6
23	Fri.	22	9 ·89	14 ·66	7
24	Sat.	23	10 ·81	15 ·61	8
25	Sun.	24	11 ·74	16 ·57	9
26	Mon.	25	12 ·69	17 ·55	10
27	Tues.	26	13 ·66	18 ·54	11
28	Wed.	27	14 ·65	19 ·56	12
29	Thur.	28	P ·67	20 ·60	13
30	Fri.	29	1 ·69	21 ·65	14
—31	Sat.	30	2 ·75	22 ·72	15

Bahula. **Jyeshtha.** *Sukla.* *H.* 1094 *Jamāda'l awwal.*

Bahula. **Āshādha.** *Sukla.* *H.* 1094 *Jamāda'l ākhir.*

Naksh: 1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1683. **Kollam 859,** { **N. Malabar—Sep.** **Hijra 1095.** **Vikrama 1740.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Dec. 10.** **Bengal San. 1089.**
P—Paurnimā. **(N. Cycle) Aṅgiras.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.			
Rudhirodgārin.					
Karkaṭaka—Ādi.					
1	Sun. 1		3 ·81	23 ·81	16
2	Mon. 2		4 ·88	24 ·92	17
3	Tues. 3		5 ·97	... ...	18
4	Wed. 4		... ...	25 ·03	19
5	Thur. 5		6 ·05	26 ·14	20
6	Fri. 6		7 ·13	27 ·23	21
7	Sat. 7		8 ·18	1 ·32	22
8	Sun. 8		9 ·23	2 ·39	23
9	Mon. 9		10 ·25	3 ·44	24
10	Tues. 10		11 ·24	4 ·46	25
11	Wed. 11		12 ·22	5 ·47	26
12	Thur. 12		13 ·17	6 ·45	27
13	Fri. 13		14 ·12	7 ·43	28
14	Sat. ● 14		A ·04 1 ·96	8 ·38	29
15	Sun. 15		2 ·87	9 ·33	—30
16	Mon. 16		3 ·77	10 ·26	1
17	Tues. 17		4 ·67	11 ·19	2
18	Wed. 18		5 ·57	12 ·13	3
19	Thur. 19		6 ·47	13 ·06	4
20	Fri. 20		7 ·37	14 ·00 15 ·94	5
21	Sat. 21		8 ·29	16 ·89	6
22	Sun. 22		9 ·22	17 ·87	7
23	Mon. 23		10 ·17	18 ·87	8
24	Tues. 24		11 ·14	19 ·88	9
25	Wed. 25		12 ·14	20 ·91	10
26	Thur. 26		13 ·15	21 ·96	11
27	Fri. 27		14 ·17	... ...	12
28	Sat. ○ 28		P ·22	22 ·03	13
29	Sun. 29		1 ·29	23 ·12	14
30	Mon. 30		2 ·37	24 ·22	15
31	Tues. 31		3 ·45	25 ·33	16
		Aug.			
—32	Wed. 1		4 ·53	26 ·44	17
1	Thur. 2		5 ·60	27 ·54	18
2	Fri. 3		6 ·66	1 ·63	19
3	Sat. 4		7 ·71	2 ·70	20
4	Sun. 5		8 ·73	3 ·75	21
5	Mon. 6		9 ·73	4 ·78	22
6	Tues. 7		10 ·71	5 ·79	23
7	Wed. 8		11 ·67	6 ·79	24
8	Thur. 9		12 ·62	7 ·76	25
9	Fri. 10		13 ·54	8 ·72	26
10	Sat. 11		14 ·46	9 ·66	27
11	Sun. 12		—A ·37	10 ·60	28
12	Mon. 13		1 ·27	11 ·53	—29
13	Tues. 14		2 ·17	12 ·47	1
14	Wed. 15		3 ·07 4 ·97	13 ·40	2
15	Thur. 16		5 ·88	14 ·33	3
16	Fri. 17		6 ·80	15 ·28	4
17	Sat. 18		7 ·73	16 ·23	5
18	Sun. 19		8 ·68	17 ·21	6
19	Mon. 20		9 ·65	18 ·19	7
20	Tues. 21		10 ·64	19 ·20	8
21	Wed. 22		11 ·64	20 ·22	9
22	Thur. 23		12 ·68	21 ·27	10
23	Fri. 24		13 ·73	22 ·34	11
24	Sat. 25		14 ·79	23 ·43	12
25	Sun. 26		P ·87	24 ·52	13
26	Mon. 27		1 ·95	25 ·63	14
27	Tues. 28		... ...	26 ·74	15
28	Wed. 29		2 ·04	27 ·85	16
29	Thur. 30		3 ·11	1 ·94	17
30	Fri. 31		4 ·18	... ...	18

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Sep.			
			Bahula.		
—31	Sat. 1		5 ·22	2 ·01	19
1	Sun. 2		6 ·25	3 ·06	20
2	Mon. 3		7 ·25	4 ·10	21
3	Tues. 4		8 ·23	5 ·12	22
4	Wed. 5		9 ·19	6 ·11	23
5	Thur. 6		10 ·14	7 ·09	24
6	Fri. 7		11 ·08 12 ·99	8 05	25
7	Sat. 8		13 ·90	9 ·00 10 ·94	26
Rudhirodgārin.					
Kanyā—Purattāsi.					
8	Sun. 9		14 ·80	11 ·88	27
9	Mon. 10		—A ·70	12 ·81	28
10	Tues. 11		1 ·60	13 ·74	29
11	Wed. 12		2 ·50	14 ·67	—30
12	Thur. 13		3 ·41	15 ·61	1
13	Fri. 14		4 ·33	16 ·57	2
14	Sat. 15		5 ·27	17 ·54	3
15	Sun. 16		6 ·21	18 ·52	4
16	Mon. 17		7 ·18	19 ·52	5
17	Tues. 18		8 ·18	20 ·54	6
18	Wed. 19		9 ·19	21 ·59	7
19	Thur. 20		10 ·22	22 ·65	8
20	Fri. 21		11 ·27	23 ·73	9
21	Sat. 22		12 ·33	24 ·82	10
22	Sun. 23		13 ·41	25 ·93	11
23	Mon. 24		14 ·49	... ...	12
24	Tues. 25		P ·58	26 ·04	13
25	Wed. 26		1 ·65	27 ·15	14
26	Thur. 27		2 ·73	1 ·24	15
27	Fri. 28		3 ·77	2 ·32	16
28	Sat. 29		4 ·80	3 ·38	17
29	Sun. 30		5 ·81	4 ·41	18
		Oct.			
—30	Mon. 1		6 ·79	5 ·44	19
1	Tues. 2		7 ·75	6 ·45	20
2	Wed. 3		8 ·70	7 ·42	21
3	Thur. 4		9 ·63	8 ·38	22
4	Fri. 5		10 ·55	9 ·33	23
5	Sat. 6		11 ·46	10 ·28	24
6	Sun. 7		12 ·36	11 ·22	25
7	Mon. 8		13 ·26	12 ·15	26
8	Tues. 9		14 ·16	13 ·07	27
9	Wed. 10		A ·06 1 ·98	14 ·01 15 ·96	28
Rudhirodgārin.					
Tulā—Aippasi.					
10	Thur. 11		2 ·90	16 ·90	—29
11	Fri. 12		3 ·84	17 ·87	1
12	Sat. 13		4 ·79	18 ·84	2
13	Sun. 14		5 ·77	19 ·84	3
14	Mon. 15		6 ·76	20 ·86	4
15	Tues. 16		7 ·77	21 ·90	5
16	Wed. 17		8 ·80	22 ·96	6
17	Thur. 18		9 ·85	... ...	7
18	Fri. 19		10 ·92	23 ·03	8
19	Sat. 20		11 ·99	24 ·12	9
20	Sun. 21		... ...	25 ·23	10
21	Mon. 22		12 ·08	26 ·34	11
22	Tues. 23		13 ·18	27 ·45	12
23	Wed. 24		14 ·26	1 ·54	13
24	Thur. 25		P ·32	2 ·62	14
25	Fri. 26		1 ·36	3 ·70	15
26	Sat. 27		2 ·40	4 ·74	16
27	Sun. 28		3 ·40	5 ·76	17
28	Mon. 29		4 ·39	6 ·76	18
29	Tues. 30		5 ·34	7 ·75	19
—30	Wed. 31		6 ·29	8 ·72	20

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Nov.			
			Bahula.		
1	Thur. 1		7 ·23	9 ·68	21
2	Fri. 2		8 ·15	10 ·62	22
3	Sat. 3		9 ·06 10 ·86	11 ·55	23
4	Sun. 4		11 ·66	12 ·48	24
5	Mon. 5		12 ·77	13 ·41	25
6	Tues. 6		13 ·68	14 ·35	26
7	Wed. 7		14 ·59	15 ·29	27
8	Thur. 8		—A ·51	16 ·24	28
9	Fri. 9		1 ·45	17 ·20	29
10	Sat. 10		2 ·40	18 ·17	—30
Rudhirodgārin.					
Vṛśchika—Karttigai.					
11	Sun. 11		3 ·38	19 ·17	1
12	Mon. 12		4 ·37	20 ·18	2
13	Tues. 13		5 ·38	21 ·21	3
14	Wed. 14		6 ·42	22 ·26	4
15	Thur. 15		7 ·48	23 ·33	5
16	Fri. 16		8 ·55	24 ·42	6
17	Sat. 17		9 ·63	25 ·53	7
18	Sun. 18		10 ·72	26 ·64	8
19	Mon. 19		11 ·80	27 ·74	9
20	Tues. 20		12 ·88	1 ·84	10
21	Wed. 21		13 ·95	2 ·93	11
22	Thur. 22		... ...	... ...	12
23	Fri. 23		14 ·01	3 ·01	13
24	Sat. 24		P ·03	4 ·05	14
25	Sun. 25		1 ·02	5 ·08	15
26	Mon. 26		2 ·01 3 ·97	6 ·09	16
27	Tues. 27		4 ·92	7 ·08	17
28	Wed. 28		5 ·85	8 ·06	18
29	Thur. 29		6 ·77	9 ·01 10 ·96	19
—30	Fri. 30		7 ·68	11 ·89	20
		Dec.			
1	Sat. 1		8 ·59	12 ·82	21
2	Sun. 2		9 ·49	13 ·76	22
3	Mon. 3		10 ·39	14 ·69	23
4	Tues. 4		11 ·30	15 ·63	24
5	Wed. 5		12 ·21	16 ·57	25
6	Thur. 6		13 ·14	17 ·52	26
7	Fri. 7		14 ·08	18 ·51	27
8	Sat. 8		—A ·04	19 ·48	28
9	Sun. 9		1 ·02	20 ·50	—29
10	Mon. 10		2 ·01	21 ·52	1
11	Tues. 11		3 ·03	22 ·57	2
12	Wed. 12		4 ·06	23 ·64	3
13	Thur. 13		5 ·13	24 ·73	4
14	Fri. 14		6 ·20	25 ·83	5
15	Sat. 15		7 ·28	26 ·94	6
16	Sun. 16		8 ·38	... ...	7
17	Mon. 17		9 ·46	27 ·04	8
18	Tues. 18		10 ·54	1 ·14	9
19	Wed. 19		11 ·60	2 ·24	10
20	Thur. 20		12 ·65	3 ·31	11
21	Fri. 21		13 ·67	4 ·37	12
22	Sat. 22		14 ·67	5 ·40	13
23	Sun. 23		P ·66	6 ·41	14
24	Mon. 24		1 ·62	7 ·41	15
25	Tues. 25		2 ·56	8 ·39	16
26	Wed. 26		3 ·49	9 ·35	17
27	Thur. 27		4 ·42	10 ·29	18
28	Fri. 28		5 ·32	11 ·23	19
—29	Sat. 29		6 ·22	12 ·16	20
1	Sun. 30		7 ·13	13 ·10	21
2	Mon. 31		8 ·04 9 ·94	14 ·03 15 ·96	22

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1684. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year)
Solar Eclipse. ● **(Surya Sid.) March 28·73.** **Śaka 1606.** **Kaliyuga 4785.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·64.** **(S. Cycle) Raktāksha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
8	Tues.	1	10 ·85	16 ·92	23	4	Sat.	1	11 ·90	21 ·48	24	3	Thur.	1	12 ·26	27 ·54	26
4	Wed.	2	11 ·78	17 ·86	24	5	Sun.	2	12 ·92	22 ·51	25	4	Fri.	2	13 ·35	1 ·65	27
5	Thur.	3	12 ·72	18 ·83	25	6	Mon.	3	13 ·96	23 ·57	26	5	Sat.	3	14 ·42	2 ·75	28
6	Fri.	4	13 ·69	19 ·82	26	7	Tues.	4	... ...	24 ·64	27	6	Sun.	4	—**A** ·49	3 ·84	29
7	Sat.	5	14 ·96	20 ·82	27	8	Wed.	5	14 ·01	25 ·73	28	7	Mon.	5	1 ·55	4 ·93	—30
8	Sun.	6	—**A** ·66	21 ·84	28	9	Thur.	6	—**A** ·09	26 ·84	29	8	Tues.	6	2 ·60	5 ·98	1
9	Mon.	7	1 ·67	22 ·88	29	10	Fri.	7	1 ·18	27 ·95	—30	9	Wed.	7	3 ·61	... ...	2
10	Tues.	8	2 ·72	23 ·95	—30	11	Sat.	8	2 ·27	... ...	1	10	Thur.	8	4 ·60	6 ·02	3
11	Wed.	9	3 ·77	... ...	1	12	Sun.	9	3 ·35	1 ·05	2	11	Fri.	9	5 ·58	7 ·03	4
12	Thur.	10	4 ·85	24 ·03	2	13	Mon.	10	4 ·42	2 ·15	3	12	Sat.	10	6 ·53	8 ·03	5
13	Fri.	11	5 ·94	25 ·13	3	14	Tues.	11	5 ·48	3 ·23	4	13	Sun.	11	7 ·47	9 ·01 / 10 ·97	6
14	Sat.	12	... ...	26 ·23	4	15	Wed.	12	6 ·52	4 ·30	5						
15	Sun.	13	6 ·03	27 ·34	5	16	Thur.	13	7 ·54	5 ·36	6	14	Mon.	12	8 ·39	11 ·92	7
16	Mon.	14	7 ·12	1 ·45	6	17	Fri.	14	8 ·53	6 ·38	7	15	Tues.	13	9 ·30	12 ·86	8
17	Tues.	15	8 ·19	2 ·54	7	18	Sat.	15	9 ·51	7 ·39	8	16	Wed.	14	10 ·20	13 ·80	9
18	Wed.	16	9 ·26	3 ·62	8	19	Sun.	16	10 ·46	8 ·37	9	17	Thur.	15	11 ·10	14 ·73	10
19	Thur.	17	10 ·29	4 ·68	9	20	Mon.	17	11 ·41	9 ·34	10	18	Fri.	16	12 ·00 / 13 ·90	15 ·66	11
20	Fri.	18	11 ·31	5 ·72	10	21	Tues.	18	12 ·33	10 ·31	11						
21	Sat.	19	12 ·32	6 ·74	11	22	Wed.	19	13 ·24	11 ·25	12	19	Sat.	17	14 ·80	16 ·60	12
22	Sun.	20	13 ·30	7 ·74	12	23	Thur.	20	14 ·15	12 ·19	13	20	Sun.	18	**P** ·71	17 ·54	13
23	Mon.	21	14 ·26	8 ·72	13				**P** ·05			21	Mon.	19	1 ·64	18 ·50	14
24	Tues.	22	**P** ·20	9 ·68	14	24	Fri.	21	1 ·95	13 ·12	14	22	Tues.	20	2 ·58	19 ·46	15
25	Wed.	23	1 ·13	10 ·63	15					14 ·05 / 15 ·99		23	Wed.	21	3 ·54	20 ·44	16
26	Thur.	24	2 ·05 / 3 ·95	11 ·57	16	25	Sat.	22	2 ·85		15	24	Thur.	22	4 ·50	21 ·44	17
27	Fri.	25	4 ·85	12 ·51	17	26	Sun.	23	3 ·76	16 ·92	16	25	Fri.	23	5 ·50	22 ·46	18
28	Sat.	26	5 ·76	13 ·44	18	27	Mon.	24	4 ·67	17 ·87	17	26	Sat.	24	6 ·51	23 ·49	19
—29	Sun.	27	6 ·66	14 ·37	19	28	Tues.	25	5 ·59	18 ·82	18	27	Sun.	25	7 ·54	24 ·56	20
1	Mon.	28	7 ·57	15 ·30	20	29	Wed.	26	6 ·54	19 ·79	19	28	Mon.	26	8 ·60	25 ·64	21
2	Tues.	29	8 ·48	16 ·24	21	30	Thur.	27	7 ·50	20 ·79	20	29	Tues.	27	9 ·67	26 ·74	22
3	Wed.	30	9 ·42	17 ·20	22	—31	Fri.	28	8 ·48	21 ·80	21	30	Wed.	28	10 ·76	27 ·84	23
4	Thur.	31	10 ·37	18 ·16	23	1	Sat.	29	9 ·47	22 ·83	22	—31	Thur.	29	11 ·84	1 ·95	24
						2	Sun.	30	10 ·49	23 ·88	23	1	Fri.	30	12 ·92	... ...	25
						3	Mon.	31	11 ·52	24 ·94	24	2	Sat.	31	13 ·98	2 ·06	26
	Feb.						**April.**						**June.**				
5	Fri.	1	11 ·32	19 ·14	24	4	Tues.	1	12 ·58	... ...	25	3	Sun.	1	... ...	3 ·15	27
6	Sat.	2	12 ·29	20 ·14	25	5	Wed.	2	13 ·66	25 ·04	26	4	Mon.	2	14 ·03	4 ·23	28
7	Sun.	3	13 ·29	21 ·15	26	6	Thur.	3	14 ·74	26 ·14	27	5	Tues.	3	—**A** ·07	5 ·29	—29
8	Mon.	4	14 ·32	22 ·20	27	7	Fri.	4	—**A** ·83	27 ·24	28	6	Wed.	4	1 ·09	6 ·33	1
9	Tues.	5	—**A** ·36	23 ·26	28	8	Sat.	5	1 ·91	1 ·35	—29	7	Thur.	5	2 ·09	7 ·35	2
10	Wed.	6	1 ·41	24 ·34	—29	9	Sun.	6	2 ·98	2 ·45	1	8	Fri.	6	3 ·06	8 ·36	3
11	Thur.	7	2 ·49	25 ·48	1	10	Mon.	7	... ...	3 ·54	2	9	Sat.	7	4 ·02 / 5 ·96	9 ·34	4
12	Fri.	8	3 ·57	26 ·53	2	11	Tues.	8	3 ·03	4 ·62	3						
13	Sat.	9	4 ·66	27 ·65	3	12	Wed.	9	4 ·08	5 ·67	4	10	Sun.	8	6 ·89	10 ·31	5
14	Sun.	10	5 ·75	1 ·75	4	13	Thur.	10	5 ·09	6 ·70	5	11	Mon.	9	7 ·78	11 ·26	6
15	Mon.	11	6 ·82	2 ·85	5	14	Fri.	11	6 ·08	7 ·71	6	12	Tues.	10	8 ·69	12 ·21	7
16	Tues.	12	7 ·88	3 ·93	6	15	Sat.	12	7 ·06	8 ·70	7	13	Wed.	11	9 ·59	13 ·14	8
17	Wed.	13	8 ·92	4 ·99	7	16	Sun.	13	8 ·01 / 9 ·95	9 ·68	8	14	Thur.	12	10 ·49	14 ·07	9
18	Thur.	14	9 ·95	... ...	8							15	Fri.	13	11 ·39	15 ·00 / 16 ·93	10
19	Fri.	15	10 ·94	5 ·04	9	17	Mon.	14	10 ·87	10 ·64	9	16	Sat.	14	12 ·29	17 ·87	11
20	Sat.	16	11 ·92	6 ·06	10	18	Tues.	15	11 ·79	11 ·59	10	17	Sun.	15	13 ·20	18 ·83	12
21	Sun.	17	12 ·87	7 ·06	11	19	Wed.	16	12 ·69	12 ·52	11	18	Mon.	16	14 ·12	19 ·79	13
22	Mon.	18	13 ·81	8 ·05	12	20	Thur.	17	13 ·59	13 ·46	12	19	Tues. ○	17	**P** ·06	20 ·77	14
23	Tues.	19	14 ·74	9 ·01 / 10 ·96	13	21	Fri.	18	14 ·49	14 ·39	13						
24	Wed.	20	**P** ·66	11 ·91	14	22	Sat.	19	**P** ·39	15 ·32	14	20	Wed.	18	1 ·01 / 2 ·98	21 ·76	15
25	Thur.	21	1 ·57	12 ·85	15	23	Sun.	20	1 ·29	16 ·26	15						
26	Fri.	22	2 ·47	13 ·78	16	24	Mon.	21	2 ·20	17 ·20	16	21	Thur.	19	3 ·98	22 ·77	16
27	Sat.	23	3 ·37	14 ·71	17	25	Tues.	22	3 ·13	18 ·15	17	22	Fri.	20	4 ·96	23 ·82	17
28	Sun.	24	4 ·27	15 ·64	18	26	Wed.	23	4 ·07	19 ·13	18	23	Sat.	21	... ...	24 ·87	18
29	Mon.	25	5 ·17	16 ·59	19	27	Thur.	24	5 ·04	20 ·12	19	24	Sun.	22	5 ·02	25 ·95	19
—30	Tues.	26	6 ·09	17 ·53	20	28	Fri.	25	6 ·01	21 ·12	20	25	Mon.	23	6 ·07	... ...	20
1	Wed.	27	7 ·02 / 8 ·97	18 ·49	21	29	Sat.	26	7 ·00	22 ·14	21	26	Tues.	24	7 ·14	26 ·04	21
2	Thur.	28	9 ·93	19 ·47	22	30	Sun.	27	8 ·02	23 ·18	22	27	Wed.	25	8 ·22	27 ·14	22
3	Fri.	29	10 ·91	20 ·46	23	—31	Mon.	28	9 ·05	24 ·25	23	28	Thur.	26	9 ·30	1 ·25	23
						1	Tues.	29	10 ·11	25 ·34	24	29	Fri.	27	10 ·39	2 ·36	24
						2	Wed.	30	11 ·18	26 ·44	25	30	Sat.	28	11 ·46	3 ·46	25
												31	Sun.	29	12 ·52	4 ·54	26
												—32	Mon.	30	13 ·55	5 ·60	27

Budhirodgārin. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H.* 1095 *Śafar.*

Budhirodgārin. **Mina—Pāguni.** *Sukla.* **Chaitra.** *Bahula.* *H.* 1095 *Rabi-ul ākhir.*

Raktāksha. **Vrishabha—Vaigāsi.** *Sukla.* **Jyeshtha.** *Bahula.* *H.* 1095 *Jamāda'l awwal.*

Budhirodgārin. **Kumbha—Māsi.** *Sukla.* **Phālguna.** *Bahula.* *H.* 1095 *Rabi-ul awwal.*

Raktāksha. **Mēsha—Chittirai.** *Sukla.* **Vaisākha.** *Bahula.* *H.* 1095 *Jamāda'l awwal.*

Raktāksha. **Mithuna—Āni.** *Sukla.* **Āshādha.** *Bahula.* *H.* 1095 *Rajab.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

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A.D. 1684. **Kollam 860,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** } **Hijra 1096.** **Vikrama 1741.**
A—Amāvāsyā. Commences **Nov. 28.** **Bengal San. 1090.**
P—Paurnimā. **(N. Cycle) Śrīmukha.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Raktāksha. **Karataka—Ādi.** 1	Tues. 1	14 ·57	6 ·66	28
2	Wed. 2	—**A** ·56	7 ·68	29
3	Thur. 3	1 ·54	8 ·69	—30
4	Fri. 4	2 ·50	9 ·67	1
5	Sat. 5	3 ·44	10 ·64	2
6	Sun. 6	4 ·36	11 ·60	3
7	Mon. 7	5 ·27	12 ·54	4
8	Tues. 8	6 ·17	13 ·48	5
9	Wed. 9	7 ·07 / 8 ·97	14 ·41	6
10	Thur. 10	9 ·87	15 ·34	7
11	Fri. 11	10 ·77	16 ·27	8
12	Sat. 12	11 ·68	17 ·21	9
13	Sun. 13	12 ·60	18 ·16	10
14	Mon. 14	13 ·54	19 ·12	11
15	Tues. 15	14 ·49	20 ·09	12
16	Wed. 16	**P** ·47	21 ·08	13
17	Thur. 17	1 ·46	22 ·10	14
18	Fri. 18	2 ·47	23 ·13	15
19	Sat. 19	3 ·49	24 ·18	16
20	Sun. 20	4 ·54	25 ·25	17
21	Mon. 21	5 ·61	26 ·34	18
22	Tues. 22	6 ·69	27 ·44	19
23	Wed. 23	7 ·78	1 ·55	20
24	Thur. 24	8 ·86	2 ·66	21
25	Fri. 25	9 ·93	3 ·76	22
26	Sat. 26	10 ·99	4 ·84	23
27	Sun. 27	... ...	5 ·92	24
28	Mon. 28	11 ·03	6 ·97	25
29	Tues. 29	12 ·06	... ·	26
30	Wed. 30	13 ·05	7 ·00	27
—31	Thur. 31	14 ·03 / **A** ·99	8 ·01	28
	Aug.			
Raktāksha. **Simha—Āvani.** 1	Fri. 1	1 ·98	9 ·02 / 10 ·98	—29
2	Sat. 2	2 ·86	11 ·94	1
3	Sun. 3	3 ·77	12 ·88	2
4	Mon. 4	4 ·67	13 ·82	3
5	Tues. 5	5 ·57	14 ·75	4
6	Wed. 6	6 ·47	15 ·68	5
7	Thur. 7	7 ·37	16 ·62	6
8	Fri. 8	8 ·27	17 ·55	7
9	Sat. 9	9 ·18	18 ·50	8
10	Sun. 10	10 ·10	19 ·45	9
11	Mon. 11	11 ·04 / 12 ·99	20 ·42	10
12	Tues. 12	13 ·97	21 ·41	11
13	Wed. 13	14 ·95	22 ·42	12
14	Thur. 14	**P** ·96	23 ·44	13
15	Fri. 15	1 ·99	24 ·49	14
16	Sat. 16	... ...	25 ·56	15
17	Sun. 17	2 ·05	26 ·64	16
18	Mon. 18	3 ·12	27 ·74	17
19	Tues. 19	4 ·19	1 ·85	18
20	Wed. 20	5 ·27	2 ·96	19
21	Thur. 21	6 ·36	... ...	20
22	Fri. 22	7 ·44	3 ·06	21
23	Sat. 23	8 ·50	4 ·15	22
24	Sun. 24	9 ·54	5 ·23	23
25	Mon. 25	10 ·57	6 ·28	24
26	Tues. 26	11 ·56	7 ·32	25
27	Wed. 27	12 ·54	8 ·33	26
28	Thur. 28	13 ·50	9 ·32	27
29	Fri. 29	14 ·45	10 ·31	28
30	Sat. 30	—**A** ·37	11 ·27	29
—31	Sun. 31	1 ·29	12 ·22	—30

Śukla. **Adhika Śrāvana.** *Bahula.* **Nija Śrāvana.** *H.* 1095 *Shaʻbán.* *H.* 1095 *Ramazán.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Rakṭāksha. **Kanyā—Puraṭṭāśi.** 1	Mon. 1	2 ·19	13 ·16	1
2	Tues. 2	3 ·09 / 4 ·99	14 ·09	2
3	Wed. 3	5 ·89	15 ·03 / 16 ·96	3
4	Thur. 4	6 ·80	17 ·89	4
5	Fri. 5	7 ·71	18 ·82	5
6	Sat. 6	8 ·64	19 ·78	6
7	Sun. 7	9 ·57	20 ·76	7
8	Mon. 8	10 ·52	21 ·74	8
9	Tues. 9	11 ·49	22 ·74	9
10	Wed. 10	12 ·48	23 ·76	10
11	Thur. 11	13 ·49	24 ·80	11
12	Fri. 12	14 ·52	25 ·87	12
13	Sat. 13	**P** ·58	26 ·95	13
14	Sun. 14	1 ·64	... ...	14
15	Mon. 15	2 ·72	27 ·04	15
16	Tues. 16	3 ·81	1 ·14	16
17	Wed. 17	4 ·89	2 ·25	17
18	Thur. 18	5 ·97	3 ·36	18
19	Fri. 19	... ...	4 ·46	19
20	Sat. 20	6 ·04	5 ·54	20
21	Sun. 21	7 ·08	6 ·60	21
22	Mon. 22	8 ·10	7 ·63	22
23	Tues. 23	9 ·11	8 ·65	23
24	Wed. 24	10 ·09	9 ·66	24
25	Thur. 25	11 ·05	10 ·64	25
26	Fri. 26	12 ·00 / 13 ·92	11 ·60	26
27	Sat. 27	14 ·84	12 ·55	27
28	Sun. 28	—**A** ·75	13 ·49	28
29	Mon. 29	1 ·65	14 ·43	—29
—30	Tues. 30	2 ·55	15 ·36	1
	Oct.			
Raktāksha. **Tulā—Aippasi.** 1	Wed. 1	3 ·45	16 ·29	2
2	Thur. 2	4 ·36	17 ·23	3
3	Fri. 3	5 ·27	18 ·17	4
4	Sat. 4	6 ·20	19 ·12	5
5	Sun. 5	7 ·13	20 ·08	6
6	Mon. 6	8 ·09	21 ·05	7
7	Tues. 7	9 ·06	22 ·04	8
8	Wed. 8	10 ·06	23 ·07	9
9	Thur. 9	11 ·06	24 ·11	10
10	Fri. 10	12 ·10	25 ·18	11
11	Sat. 11	13 ·16	26 ·25	12
12	Sun. 12	14 ·23	27 ·34	13
13	Mon. 13	**P** ·31	1 ·44	14
14	Tues. 14	1 ·39	2 ·55	15
15	Wed. 15	2 ·48	3 ·66	16
16	Thur. 16	3 ·56	4 ·76	17
17	Fri. 17	4 ·62	5 ·84	18
18	Sat. 18	5 ·66	6 ·91	19
19	Sun. 19	6 ·69	7 ·95	20
20	Mon. 20	7 ·70	8 ·98	21
21	Tues. 21	8 ·68	9 ·98	22
22	Wed. 22	9 ·64	10 ·97	23
23	Thur. 23	10 ·59	11 ·93	24
24	Fri. 24	11 ·51	12 ·89	25
25	Sat. 25	12 ·43	13 ·84	26
26	Sun. 26	13 ·34	14 ·77	27
27	Mon. 27	14 ·25	15 ·70	28
28	Tues. 28	—**A** ·15	16 ·63	29
29	Wed. 29	1 ·05 / 2 ·95	17 ·56	—30
—30	Thur. 30	3 ·87	18 ·51	1
1	Fri. 31	4 ·80	19 ·46	2

Śukla. **Āśvina.** *Bahula.* *H.* 1095 *Zi-l-ka'da.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Raktāksha. **Vriśchika—Kārttigai.** 2	Sat. 1	5 ·73	20 ·42	3
3	Sun. 2	6 ·69	21 ·39	4
4	Mon. 3	7 ·66	22 ·38	5
5	Tues. 4	8 ·66	23 ·39	6
6	Wed. 5	9 ·67	24 ·43	7
7	Thur. 6	10 ·71	25 ·48	8
8	Fri. 7	11 ·77	26 ·55	9
9	Sat. 8	12 ·83	27 ·64	10
10	Sun. 9	13 ·92	1 ·74	11
11	Mon. 10	... ...	2 ·86	12
12	Tues. 11	14 ·01	3 ·96	13
13	Wed. 12	**P** ·10	... ...	14
14	Thur. 13	1 ·17	4 ·06	15
15	Fri. 14	2 ·24	5 ·15	16
16	Sat. 15	3 ·28	6 ·22	17
17	Sun. 16	4 ·31	7 ·27	18
18	Mon. 17	5 ·31	8 ·30	19
19	Tues. 18	6 ·30	9 ·31	20
20	Wed. 19	7 ·26	10 ·30	21
21	Thur. 20	8 ·20	11 ·27	22
22	Fri. 21	9 ·14	12 ·23	23
23	Sat. 22	10 ·06 / 11 ·97	13 ·18	24
24	Sun. 23	12 ·67	14 ·11	25
25	Mon. 24	13 ·77	15 ·04 / 16 ·97	26
26	Tues. 25	14 ·67	17 ·90	27
27	Wed. 26	—**A** ·58	18 ·84	28
28	Thur. 27	1 ·49	19 ·79	—29
29	Fri. 28	2 ·42	20 ·75	1
—30	Sat. 29	3 ·36	21 ·72	2
1	Sun. 30	4 ·32	22 ·70	3
	Dec.			
Raktāksha. **Dhanus—Mārgaḷi.** 2	Mon. 1	5 ·29	23 ·72	4
3	Tues. 2	6 ·30	24 ·74	5
4	Wed. 3	7 ·31	25 ·79	6
5	Thur. 4	8 ·36	26 ·86	7
6	Fri. 5	9 ·42	27 ·95	8
7	Sat. 6	10 ·49	... ...	9
8	Sun. 7	11 ·57	1 ·05	10
9	Mon. 8	12 ·97	2 ·16	11
10	Tues. 9	13 ·75	3 ·26	12
11	Wed. 10	14 ·82	4 ·36	13
12	Thur. ○ 11	**P** ·89	5 ·45	14
13	Fri. 12	1 ·93	6 ·52	15
14	Sat. 13	2 ·96	7 ·58	16
15	Sun. 14	3 ·96	8 ·62	17
16	Mon. 15	4 ·95	9 ·63	18
17	Tues. 16	5 ·90	10 ·62	19
18	Wed. 17	6 ·84	11 ·61	20
19	Thur. 18	7 ·77	12 ·57	21
20	Fri. 19	8 ·69	13 ·51	22
21	Sat. 20	9 ·60	14 ·45	23
22	Sun. 21	10 ·51	15 ·38	24
23	Mon. 22	11 ·41	16 ·31	25
24	Tues. 23	12 ·31	17 ·25	26
25	Wed. 24	13 ·21	18 ·18	27
26	Thur. 25	14 ·13	19 ·13	28
27	Fri. 26	—**A** ·06	20 ·08	29
28	Sat. 27	1 ·00 / 2 ·97	21 ·04	—30
—29	Sun. 28	3 ·95	22 ·04	1
1	Mon. 29	4 ·93	23 ·04	2
2	Tues. 30	5 ·97	24 ·06	3
3	Wed. 31	... ...	25 ·10	4

Śukla. **Kārttika.** *Bahula.* **Mārgaśīrsha.** *H.* 1095 *Zi-l-hijja.* *H.* 1096 *Muharram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1685. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 28·99.** **Śaka 1607.** **Kaliyuga 4786.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·90.** **(S. Cycle) Krodhana.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Raktāksha. **Makara—Tai.** 4	Thur. 1	*Śukla.* 6 01	26 16	5	3	Sun. 1	*Śukla.* 6 58	3 16	5	3	Fri. 1	*Śukla.* 8 91	9 24	7
5	Fri. 2	7 06	27 24	6	4	Mon. 2	7 66	4 27	6	4	Sat. 2	9 89	10 25	8
6	Sat. 3	8 14	1 35	7	5	Tues. 3	8 78	5 37	7	5	Sun. 3	10 85	11 25	9
7	Sun. 4	9 22	2 45	8	6	Wed. 4	9 78	6 45	8	6	Mon. 4	11 78	12 23	10
8	Mon. 5	10 32	3 56	9	7	Thur. 5	10 83	7 52	9	7	Tues. 5	12 71	13 19	11
9	Tues. 6	11 40	4 66	10	8	Fri. 6	11 84	8 57	10	8	Wed. 6	13 61	14 14	12
10	Wed. 7	12 47	5 76	11	9	Sat. 7	12 83	9 60	11	9	Thur. 7	14 51	15 08	13
11	Thur. 8	13 53	6 84	12	10	Sun. 8	13 81	10 61	12	10	Fri. 8	P 41	16 01	14
12	Fri. 9	14 57	7 90	13	11	Mon. 9	14 76	11 59	13				17 94	
13	Sat. 10	P 60	8 93	14	12	Tues. 10	P 70	12 56	14	11	Sat. 9	1 31	18 88	15
14	Sun. 11	1 60	9 95	15	13	Wed. 11	1 63	13 52	15	12	Sun. 10	2 21	19 81	16
15	Mon. 12	2 58	10 96	16	14	Thur. 12	2 55	14 47	16	13	Mon. 11	3 12	20 76	17
16	Tues. 13	3 54	11 94	17	15	Fri. 13	3 45	15 41	17	14	Tues. 12	4 03	21 71	18
17	Wed. 14	4 49	12 90	18	16	Sat. 14	4 34	16 34	18			5 95		
18	Thur. 15	5 41	13 85	19	17	Sun. 15	5 24	17 27	19	15	Wed. 13	6 90	22 67	19
19	Fri. 16	6 32	14 79	20	18	Mon. 16	6 15	18 20	20	16	Thur. 14	7 85	23 66	20
20	Sat. 17	7 23	15 72	21			7 06			17	Fri. 15	8 83	24 66	21
21	Sun. 18	8 14	16 66	22	19	Tues. 17	8 97	19 14	21	18	Sat. 16	9 82	25 68	22
		9 04					9 90			19	Sun. 17	10 83	26 72	23
22	Mon. 19	10 94	17 59	23	20	Wed. 18		20 09	22	20	Mon. 18	11 88	27 77	24
23	Tues. 20	11 85	18 52	24	21	Thur. 19	10 84	21 04	23	21	Tues. 19	12 93	1 86	25
24	Wed. 21	12 77	19 46	25	22	Fri. 20	11 81	22 01	24	22	Wed. 20	... ...	2 96	26
25	Thur. 22	13 70	20 41	26	23	Sat. 21	12 78	23 00	25	23	Thur. 21	13 01	... ...	27
26	Fri. 23	14 64	21 38	27	24	Sun. 22	13 78	24 01	26	24	Fri. 22	14 09	3 06	28
27	Sat. 24	A 60	22 36	28	25	Mon. 23	14 80	25 05	27	25	Sat. 23	A 17	4 17	29
28	Sun. 25	1 59	23 34	29	26	Tues. 24	A 85	26 10	28	26	Sun. 24	1 25	5 27	1
29	Mon. 26	2 58	24 37	1	27	Wed. 25	1 90	27 16	29	27	Mon. 25	2 32	6 37	2
30	Tues. 27	3 60	25 41	2	28	Thur. 26	2 98	1 25	1	28	Tues. 26	3 37	7 45	3
1	Wed. 28	4 65	26 48	3	29	Fri. 27	... ...	2 35	2	29	Wed. 27	4 40	8 51	4
2	Thur. 29	5 72	27 56	4	30	Sat. 28	3 07	3 46	3	30	Thur. 28	5 42	9 55	5
3	Fri. 30	6 79	1 65	5	1	Sun. 29	4 15	4 57	4	31	Fri. 29	6 41	10 57	6
4	Sat. 31	7 87	2 75	6	2	Mon. 30	5 23	5 67	5	1	Sat. 30	7 39	11 58	7
					3	Tues. 31	6 30	6 76	6	2	Sun. 31	8 34	12 56	8
	Feb.					**April.**					**June.**			
Raktāksha. **Kumbha—Māgh.** 5	Sun. 1	8 96	3 86	7	4	Wed. 1	7 35	7 83	7	3	Mon. 1	9 28	13 53	9
6	Mon. 2	... ...	4 97	8	5	Thur. 2	8 39	8 89	8	4	Tues. 2	10 21	14 48	10
7	Tues. 3	9 04	... ...	9	6	Fri. 3	9 39	9 92	9	5	Wed. 3	11 11	15 42	11
8	Wed. 4	10 12	5 07	10	7	Sat. 4	10 39	10 93	10	6	Thur. 4	12 01	16 35	12
9	Thur. 5	11 18	6 15	11	8	Sun. 5	11 37	11 92	11			13 91		
10	Fri. 6	12 22	7 21	12	9	Mon. 6	12 32	12 89	12	7	Fri. 5	14 81	17 29	13
11	Sat. 7	13 23	8 25	13	10	Tues. 7	13 26	13 86	13	8	Sat. ○ 6	P 71	18 22	14
12	Sun. 8	14 23	9 27	14	11	Wed. 8	14 19	14 81	14	9	Sun. 7	1 61	19 15	15
13	Mon. 9	P 21	10 28	15	12	Thur. 9	P 10	15 74	15	10	Mon. 8	2 52	20 09	16
14	Tues. 10	1 16	11 26	16	13	Fri. 10	1 00	16 67	16	11	Tues. 9	3 44	21 04	17
15	Wed. 11	2 10	12 23	17			2 90			12	Wed. 10	4 38	22 01	18
16	Thur. 12	3 03	13 18	18	14	Sat. 11	3 80	17 60	17				23 99	
		4 95			15	Sun. 12	4 70	18 54	18	13	Thur. 11	5 33	24 98	19
17	Fri. 13	5 86	14 12	19	16	Mon. 13	5 60	19 48	19	14	Fri. 12	6 31	25 99	20
18	Sat. 14	6 76	15 07	20	17	Tues. 14	6 52	20 42	20	15	Sat. 13	7 30	... ...	21
19	Sun. 15	7 66	16 00	21	18	Wed. 15	7 44	21 37	21	16	Sun. 14	8 32	26 03	22
			17 93		19	Thur. 16	8 38	22 34	22	17	Mon. 15	9 35	27 09	23
20	Mon. 16	8 56	18 86	22	20	Fri. 17	9 34	23 33	23	18	Tues. 16	10 41	1 17	24
21	Tues. 17	9 47	19 80	23	21	Sat. 18	10 32	24 34	24	19	Wed. 17	11 48	2 26	25
22	Wed. 18	10 39	20 75	24	22	Sun. 19	11 32	25 36	25	20	Thur. 18	12 55	3 36	26
23	Thur. 19	11 32	21 71	25	23	Mon. 20	12 33	26 40	26	21	Fri. 19	13 64	4 46	27
24	Fri. 20	12 26	22 69	26	24	Tues. 21	13 38	27 47	27	22	Sat. 20	14 72	5 58	28
25	Sat. 21	13 23	23 68	27	25	Wed. 22	14 43	1 55	28	23	Sun. 21	A 79	6 68	29
26	Sun. 22	14 20	24 69	28	26	Thur. 23	A 51	2 65	29	24	Mon. 22	1 84	7 76	30
27	Mon. 23	A 19	25 73	29	27	Fri. 24	1 60	3 76	30	25	Tues. 23	2 88	8 82	1
28	Tues. 24	1 22	26 79	30	28	Sat. 25	2 68	4 87	1	26	Wed. 24	3 90	9 87	2
29	Wed. 25	2 26	27 86	1	29	Sun. 26	3 75	5 97	2	27	Thur. 25	4 89	10 89	3
30	Thur. 26	3 33	1 95	2	30	Mon. 27	4 82	... ...	3	28	Fri. 26	5 87	11 91	4
1	Fri. 27	4 41	... ..	3	31	Tues. 28	5 88	6 06	4	29	Sat. 27	6 82	12 89	5
2	Sat. 28	5 50	2 05	4	1	Wed. 29	6 92	7 15	5	30	Sun. 28	7 75	13 86	6
					2	Thur. 30	7 93	8 20	6	31	Mon. 29	8 68	14 81	7
										32	Tues. 30	9 59	15 75	8

Raktāksha. **Mīna—Pāguni.** *H.* 1096 *Rabī-ul ākhir.* — *Krodhana.* **Mēsha—Chittirai.** *H.* 1096 *Jamādā'l awwal.* — *Krodhana.* **Vrishabha—Vaigāsi.** *H.* 1096 *Jamādā'l ākhir.* — *Krodhana.* **Mithuna—Āni.** *H.* 1096 *Rajab.*

Naksh:—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1685. **Kollam 861,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** } **Hijra 1097.** **Vikrama 1742.**
A—Amāvāsya. Commences Commences **Nov. 18** **Bengal San. 1091.**
P—Paurnimā. **(N. Cycle) Bhāva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Krodhana. **Karkaṭaka—Ādi.**						*Krodhana.* **Kanyā—Purattāsi.**						*Krodhana.* **Vṛśchika—Kārttigai.**					
1	Wed.	1	10 ·49	16 ·70	9	1	Tues.	1	14 ·82	24 ·96	12	1	Sun.	1	P ·07	3 ·86	14
2	Thur.	2	11 ·38	17 ·63	10	2	Wed.	2	P ·80	25 ·96	13	2	Mon.	2	1 ·14	4 ·96	15
3	Fri.	3	12 ·28	18 ·56	11	3	Thur.	3	1 ·80	26 ·98	14	3	Tues.	3	2 ·22	... ...	16
4	Sat.	4	13 ·18	19 ·49	12	4	Fri.	4	2 ·81	... ...	15	4	Wed.	4	3 ·31	5 ·07	17
5	Sun.	5	14 ·08 P ·99	20 ·43	13	5	Sat.	5	3 ·85	27 ·02	16	5	Thur.	5	4 ·40	6 ·18	18
			Bahula. **Āshāḍha.**			6	Sun.	6	4 ·90	1 ·08	17	6	Fri.	6	5 ·48	7 ·28	19
6	Mon.	6	1 ·92	21 ·38	14	7	Mon.	7	5 ·97	2 ·16	18	7	Sat.	7	6 ·53	8 ·37	20
7	Tues.	7	2 ·85	22 ·34	15	8	Tues.	8	... ...	3 ·26	19	8	Sun.	8	7 ·57	9 ·44	21
8	Wed.	8	3 ·81	23 ·31	16	9	Wed.	9	6 ·05	4 ·37	20	9	Mon.	9	8 ·61	10 ·48	22
9	Thur.	9	4 ·79	24 ·30	17	10	Thur.	10	7 ·13	5 ·47	21	10	Tues.	10	9 ·60	11 ·52	23
10	Fri.	10	5 ·78	25 ·31	18	11	Fri.	11	8 ·21	6 ·58	22	11	Wed.	11	10 ·58	12 ·53	24
11	Sat.	11	6 ·80	26 ·35	19	12	Sat.	12	9 ·28	7 ·67	23	12	Thur.	12	11 ·54	13 ·52	25
12	Sun.	12	7 ·83	27 ·39	20	13	Sun.	13	10 ·35	8 ·76	24	13	Fri.	13	12 ·49	14 ·49	26
13	Mon.	13	8 ·88	1 ·47	21	14	Mon.	14	11 ·39	9 ·82	25	14	Sat.	14	13 ·42	15 ·44	27
14	Tues.	14	9 ·95	2 ·56	22	15	Tues.	15	12 ·41	10 ·85	26	15	Sun.	15	14 ·34	16 ·39	28
15	Wed.	15	... ...	3 ·66	23	16	Wed.	16	13 ·41	11 ·87	27	16	Mon. ●	16	—A ·24	17 ·33	29
16	Thur.	16	10 ·03	4 ·77	24	17	Thur.	17	14 ·39	12 ·87	28	17	Tues.	17	1 ·14	18 ·26	—30
17	Fri.	17	11 ·11	5 ·88	25	18	Fri.	18	—A ·36	13 ·86	—29				2 ·04	19 ·19	1
18	Sat.	18	12 ·19	6 ·98	26	19	Sat.	19	1 ·29	14 ·82	1	18	Wed.	18	3 ·95		
19	Sun.	19	13 ·27	... ...	27	20	Sun.	20	2 ·22	15 ·77	2	19	Thur.	19	4 ·86	20 ·12	2
20	Mon.	20	14 ·32	7 ·06	28	21	Mon.	21	3 ·13	16 ·71	3	20	Fri.	20	5 ·77	21 ·06	3
21	Tues.	21	—A ·37	8 ·13	—29				4 ·04							22 ·01	
22	Wed.	22	1 ·38	9 ·18	1	22	Tues.	22	5 ·95	17 ·64	4	21	Sat.	21	6 ·70	23 ·97	4
23	Thur.	23	2 ·37	10 ·22	2	23	Wed.	23	6 ·85	18 ·58	5	22	Sun.	22	7 ·64	24 ·94	5
24	Fri.	24	3 ·35	11 ·23	3	24	Thur.	24	7 ·74	19 ·51	6	23	Mon.	23	8 ·59	25 ·92	6
25	Sat.	25	4 ·30	12 ·22	4	25	Fri.	25	8 ·64	20 ·45	7	24	Tues.	24	9 ·58	26 ·93	7
26	Sun.	26	5 ·24	13 ·19	5	26	Sat.	26	9 ·56	21 ·39	8	25	Wed.	25	10 ·58	27 ·97	8
27	Mon.	27	6 ·16	14 ·15	6	27	Sun.	27	10 ·48	22 ·33	9	26	Thur.	26	11 ·61	... ...	9
			Sukla. 7 ·08			28	Mon.	28	11 ·43	23 ·30	10	27	Fri.	27	12 ·65	1 ·01	10
28	Tues.	28	8 ·99	15 ·10	7	29	Tues.	29	12 ·38	24 ·28	11	28	Sat.	28	13 ·71	2 ·08	11
				16 ·04		30	Wed.	30	13 ·36	25 ·28	12	—29	Sun.	29	14 ·78	3 ·16	12
29	Wed.	29	9 ·89	17 ·97	8							1	Mon. ○	30	P ·66	4 ·26	13
30	Thur.	30	10 ·78	18 ·90	9												
—31	Fri.	31	11 ·68	19 ·83	10		**Oct.**						**Dec.**				
	Aug.					—31	Thur.	1	14 ·36	26 ·29	13	2	Tues.	1	1 ·95	5 ·38	14
1	Sat.	1	12 ·58	20 ·77	11	1	Fri.	2	P ·37	27 ·33	14	3	Wed.	2	... ...	6 ·48	15
2	Sun.	2	13 ·49	21 ·72	12	2	Sat.	3	1 ·41	1 ·39	15	4	Thur.	3	2 ·04	7 ·58	16
3	Mon.	3	14 ·42	22 ·67	13	3	Sun.	4	2 ·46	2 ·47	16	5	Fri.	4	3 ·12	8 ·67	17
4	Tues.	4	P ·35	23 ·64	14	4	Mon.	5	3 ·53	3 ·56	17	6	Sat.	5	4 ·18	9 ·74	18
5	Wed.	5	1 ·30	24 ·62	15	5	Tues.	6	4 ·62	4 ·67	18	7	Sun.	6	5 ·23	10 ·80	19
6	Thur.	6	2 ·29	25 ·64	16	6	Wed.	7	5 ·70	5 ·77	19	8	Mon.	7	6 ·24	11 ·84	20
7	Fri.	7	3 ·28	26 ·66	17	7	Thur.	8	6 ·78	6 ·88	20	9	Tues.	8	7 ·24	12 ·85	21
8	Sat.	8	4 ·28	27 ·71	18	8	Fri.	9	7 ·86	7 ·98	21	10	Wed.	9	8 ·22	13 ·84	22
9	Sun.	9	5 ·31	1 ·78	19	9	Sat.	10	8 ·92	... ...	22	11	Thur.	10	9 ·18	14 ·82	23
10	Mon.	10	6 ·37	2 ·86	20	10	Sun.	11	9 ·96	8 ·06	23	12	Fri.	11	10 ·12	15 ·77	24
11	Tues.	11	7 ·44	3 ·96	21	11	Mon.	12	... ...	9 ·18	24				11 ·04	16 ·73	25
12	Wed.	12	8 ·53	... ...	22				10 ·00			13	Sat.	12	12 ·96		
13	Thur.	13	9 ·61	4 ·07	23	12	Tues.	13	11 ·99	10 ·17	25	14	Sun.	13	13 ·87	17 ·67	26
14	Fri.	14	10 ·69	5 ·18	24	13	Wed.	14	12 ·97	11 ·19	26	15	Mon.	14	14 ·78	18 ·60	27
15	Sat.	15	11 ·76	6 ·28	25	14	Thur.	15	13 ·93	12 ·20	27	16	Tues.	15	—A ·68	19 ·53	28
16	Sun.	16	12 ·81	7 ·37	26	15	Fri.	16	14 ·87	13 ·19	28	17	Wed.	16	1 ·58	20 ·46	29
17	Mon.	17	13 ·86	8 ·44	27	16	Sat.	17	—A ·80	14 ·15	29	18	Thur.	17	2 ·49	21 ·40	—30
18	Tues.	18	14 ·88	9 ·50	28	17	Sun.	18	1 ·71	15 ·11	—30	19	Fri.	18	3 ·41	22 ·34	1
19	Wed.	19	—A ·88	10 ·54	29					16 ·05		20	Sat.	19	4 ·34	23 ·30	2
20	Thur.	20	1 ·85	11 ·55	—30	18	Mon.	19	2 ·62	17 ·93	1	21	Sun.	20	5 ·28	24 ·26	3
21	Fri.	21	2 ·81	12 ·54	1							22	Mon.	21	6 ·25	25 ·25	4
22	Sat.	22	3 ·75	13 ·52	2	19	Tues.	20	3 ·53	18 ·92	2	23	Tues.	22	7 ·23	26 ·26	5
23	Sun.	23	4 ·68	14 ·49	3	20	Wed.	21	4 ·43	19 ·85	3	24	Wed.	23	8 ·23	27 ·28	6
24	Mon.	24	5 ·59	15 ·44	4	21	Thur.	22	5 ·33	20 ·78	4	25	Thur.	24	9 ·25	1 ·32	7
25	Tues.	25	6 ·49	16 ·37	5	22	Fri.	23	6 ·24	21 ·72	5	26	Fri.	25	10 ·29	2 ·38	8
26	Wed.	26	7 ·39	17 ·31	6	23	Sat.	24	7 ·15	22 ·67	6	27	Sat.	26	11 ·36	3 ·47	9
27	Thur.	27	8 ·29	18 ·24	7	24	Sun.	25	8 ·07	23 ·64	7	28	Sun.	27	12 ·43	4 ·57	10
28	Fri.	28	9 ·19	19 ·18	8				9 ·02			29	Mon.	28	13 ·52	5 ·68	11
29	Sat.	29	10 ·09	20 ·11	9	25	Mon.	26	10 ·98	24 ·61	8						
			Sukla. 11 ·01			26	Tues.	27	11 ·96	25 ·60	9	—30	Tues.	29	14 ·61	6 ·78	12
30	Sun.	30	12 ·94	21 ·05	10	27	Wed.	28	12 ·95	26 ·61	10	1	Wed.	30	P ·69	7 ·88	13
				22 ·00		28	Thur.	29	13 ·97	27 ·64	11	2	Thur.	31	1 ·77	8 ·98	14
—31	Mon.	31	13 ·87	23 ·97	11	29	Fri.	30	... ...	1 ·70	12						
						—30	Sat.	31	14 ·01	2 ·78	13						

Zi-l-ka'da.						*Zi-l-ḥijja.*						*Muḥarram.*					
H. 1096						*H.* 1096						*H.* 1097					
1	Wed.	1	15 ·71	25 ·92	13	1	Fri.	1	14 ·36	24 ·28	12	1	Sat.	1	13 ·36	23 ·28	11
2	Thur.	2	P ·72	26 ·94	14	2	Sat.	2	P ·37	25 ·29	13	2	Sun.	2	P ·37	24 ·29	12
3	Fri.	3	1 ·72	27 ·96	15	3	Sun.	3	1 ·38	26 ·30	14	3	Mon.	3	1 ·38	25 ·30	13
4	Sat.	4	2 ·73	28 ·98	16	4	Mon.	4	2 ·39	27 ·32	15	4	Tues.	4	2 ·39	26 ·32	14
5	Sun.	5	3 ·74	... ...	17	5	Tues.	5	3 ·41	28 ·34	16	5	Wed.	5	3 ·41	27 ·34	15
6	Mon.	6	4 ·76	1 ·00	18	6	Wed.	6	4 ·43	29 ·36	17	6	Thur.	6	4 ·43	28 ·36	16
7	Tues.	7	5 ·78	2 ·02	19	7	Thur.	7	5 ·45	30 ·38	18	7	Fri.	7	5 ·45	29 ·38	17
8	Wed.	8	6 ·80	3 ·04	20	8	Fri.	8	6 ·47	1 ·40	19	8	Sat.	8	6 ·47	30 ·40	18
9	Thur.	9	7 ·82	4 ·06	21	9	Sat.	9	7 ·49	2 ·42	20	9	Sun.	9	7 ·49	1 ·42	19
10	Fri.	10	8 ·84	5 ·08	22	10	Sun.	10	8 ·51	3 ·44	21	10	Mon.	10	8 ·51	2 ·44	20
11	Sat.	11	9 ·86	6 ·10	23	11	Mon.	11	9 ·53	4 ·46	22	11	Tues.	11	9 ·53	3 ·46	21
12	Sun.	12	10 ·88	7 ·12	24	12	Tues.	12	10 ·55	5 ·48	23	12	Wed.	12	10 ·55	4 ·48	22
13	Mon.	13	11 ·90	8 ·14	25	13	Wed.	13	11 ·57	6 ·50	24	13	Thur.	13	11 ·57	5 ·50	23
14	Tues.	14	12 ·92	9 ·16	26	14	Thur.	14	12 ·59	7 ·52	25	14	Fri.	14	12 ·59	6 ·52	24
15	Wed.	15	13 ·94	10 ·18	27	15	Fri.	15	13 ·61	8 ·54	26	15	Sat.	15	13 ·61	7 ·54	25
16	Thur.	16	14 ·96	11 ·20	28	16	Sat.	16	14 ·63	9 ·56	27	16	Sun.	16	14 ·63	8 ·56	26
17	Fri.	17	P ·98	12 ·22	29	17	Sun.	17	P ·65	10 ·58	28	17	Mon.	17	P ·65	9 ·58	27
18	Sat.	18	1 ·00	13 ·24	—30	18	Mon.	18	1 ·67	11 ·60	29	18	Tues.	18	1 ·67	10 ·60	28
19	Sun.	19	2 ·02	14 ·26	1	19	Tues.	19	2 ·69	12 ·62	—30	19	Wed.	19	2 ·69	11 ·62	29
20	Mon.	20	3 ·04	15 ·28	2	20	Wed.	20	3 ·71	13 ·64	1	20	Thur.	20	3 ·71	12 ·64	—30
21	Tues.	21	4 ·06	16 ·30	3	21	Thur.	21	4 ·73	14 ·66	2	21	Fri.	21	4 ·73	13 ·66	1
22	Wed.	22	5 ·08	17 ·32	4	22	Fri.	22	5 ·75	15 ·68	3	22	Sat.	22	5 ·75	14 ·68	2
23	Thur.	23	6 ·10	18 ·34	5	23	Sat.	23	6 ·77	16 ·70	4	23	Sun.	23	6 ·77	15 ·70	3
24	Fri.	24	7 ·12	19 ·36	6	24	Sun.	24	7 ·79	17 ·72	5	24	Mon.	24	7 ·79	16 ·72	4
25	Sat.	25	8 ·14	20 ·38	7	25	Mon.	25	8 ·81	18 ·74	6	25	Tues.	25	8 ·81	17 ·74	5
26	Sun.	26	9 ·16	21 ·40	8	26	Tues.	26	9 ·83	19 ·76	7	26	Wed.	26	9 ·83	18 ·76	6
27	Mon.	27	10 ·18	22 ·42	9	27	Wed.	27	10 ·85	20 ·78	8	27	Thur.	27	10 ·85	19 ·78	7
28	Tues.	28	11 ·20	23 ·44	10	28	Thur.	28	11 ·87	21 ·80	9	28	Fri.	28	11 ·87	20 ·80	8
29	Wed.	29	12 ·22	... ...	11	29	Fri.	29	12 ·89	22 ·82	10	29	Sat.	29	12 ·89	21 ·82	9
30	Thur.	30	13 ·24	24 ·46	12	30	Sat.	30	13 ·91	23 ·84	11	30	Sun.	30	13 ·91	22 ·84	10
—31	Fri.	31	14 ·26	25 ·48	13	—31	Sun.	31	14 ·93	24 ·86	12	—31	Mon.	31	14 ·93	23 ·86	11

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1686. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·25.** **Śaka 1608.** **Kaliyuga 4787.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·16.** **(S. Cycle) Kshaya.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Krodhana. **Makara—Tai.**	**Jan.**			
3	Fri. 1	2 ·82	... ...	15
4	Sat. 2	3 ·87	9 ·05	16
5	Sun. 3	4 ·89	10 ·12	17
6	Mon. 4	5 ·89	11 ·16	18
7	Tues. 5	6 ·86	12 ·17	19
8	Wed. 6	7 ·83	13 ·17	20
9	Thur. 7	8 ·77	14 ·15	21
10	Fri. 8	9 ·69	15 ·12	22
11	Sat. 9	10 ·61	16 ·07	23
12	Sun. 10	11 ·51	17 ·01 18 ·94	24
13	Mon. 11	12 ·41	19 ·87	25
14	Tues. 12	13 ·31	20 ·81	26
15	Wed. 13	14 ·22	21 ·74	27
16	Thur. 14	A ·13	22 ·68	28
17	Fri. 15	1 ·05 2 ·98	23 ·63	—29
18	Sat. 16	3 ·92	24 ·59	1
19	Sun. 17	4 ·89	25 ·58	2
20	Mon. 18	5 ·87	26 ·59	3
21	Tues. 19	6 ·87	27 ·59	4
22	Wed. 20	7 ·89	1 ·63	5
23	Thur. 21	8 ·95	2 ·69	6
24	Fri. 22	... ...	3 ·77	7
25	Sat. 23	9 ·01	4 ·87	8
26	Sun. 24	10 ·08	5 ·97	9
27	Mon. 25	11 ·17	... ...	10
28	Tues. 26	12 ·26	6 ·08	11
—29	Wed. 27	13 ·34	7 ·18	12
1	Thur. 28	14 ·41	8 ·28	13
2	Fri. 29	P ·48	9 ·87	14
3	Sat. 30	1 ·51	10 ·43	15
4	Sun. 31	2 ·52	11 ·47	16
Krodhana. **Kumbha—Māgh.**	**Feb.**			
5	Mon. 1	3 ·52	12 ·49	17
6	Tues. 2	4 ·49	13 ·49	18
7	Wed. 3	5 ·45	14 ·48	19
8	Thur. 4	6 ·39	15 ·45	20
9	Fri. 5	7 ·32	16 ·40	21
10	Sat. 6	8 ·23	17 ·34	22
11	Sun. 7	9 ·14	18 ·28	23
12	Mon. 8	10 ·05 11 ·95	19 ·22	24
13	Tues. 9	12 ·85	20 ·15	25
14	Wed. 10	13 ·75	21 ·08	26
15	Thur. 11	14 ·67	22 ·02 23 ·96	27
16	Fri. 12	A ·59	24 ·93	28
17	Sat. 13	1 ·55	25 ·91	29
18	Sun. 14	2 ·51	26 ·90	—30
19	Mon. 15	3 ·49	27 ·91	1
20	Tues. 16	4 ·49	1 ·94	2
21	Wed. 17	5 ·52	... ...	3
22	Thur. 18	6 ·56	2 ·00	4
23	Fri. 19	7 ·63	3 ·08	5
24	Sat. 20	8 ·71	4 ·17	6
25	Sun. 21	9 ·80	5 ·27	7
26	Mon. 22	10 ·89	6 ·38	8
27	Tues. 23	11 ·77	7 ·49	9
28	Wed. 24	... ...	8 ·59	10
29	Thur. 25	12 ·03	9 ·67	11
—30	Fri. 26	13 ·09	10 ·74	12
1	Sat. 27	14 ·13	11 ·79	13
2	Sun. 28	P ·14	12 ·81	14
Krodhana. **Mina—Pāguni.**	**March.**			
3	Mon. 1	1 ·13	13 ·83	15
4	Tues. 2	2 ·10	14 ·81	16
5	Wed. 3	3 ·06 4 ·99	15 ·78	17
6	Thur. 4	5 ·92	16 ·74	18
7	Fri. 5	6 ·83	17 ·68	19
8	Sat. 6	7 ·74	18 ·63	20
9	Sun. 7	8 ·64	19 ·56	21
10	Mon. 8	9 ·54	20 ·49	22
11	Tues. 9	10 ·44	21 ·42	23
12	Wed. 10	11 ·35	22 ·35	24
13	Thur. 11	12 ·27	23 ·30	25
14	Fri. 12	13 ·19	24 ·26	26
15	Sat. 13	14 ·14	25 ·23	27
16	Sun. 14	—A ·10	26 ·22	28
17	Mon. 15	1 ·09	27 ·23	—29
18	Tues. 16	2 09	1 ·26	1
19	Wed. 17	3 ·12	2 ·32	2
20	Thur. 18	4 ·15	3 ·38	3
21	Fri. 19	5 ·21	4 ·47	4
22	Sat. 20	6 ·29	5 ·57	5
23	Sun. 21	7 ·38	6 ·68	6
24	Mon. 22	8 ·47	7 ·79	7
25	Tues. 23	9 ·55	8 ·89	8
26	Wed. 24	10 ·61	9 ·98	9
27	Thur. 25	11 ·67	... ...	10
28	Fri. 26	12 ·70	10 ·05	11
29	Sat. 27	13 ·73	11 ·10	12
—30	Sun. 28	14 ·70	12 ·14	13
1	Mon. 29	P ·67	13 ·15	14
2	Tues. 30	1 ·63	14 ·14	15
3	Wed. 31	2 ·56	15 ·11	16
Krodhana. **Mēsha—Chittirai.**	**April.**			
4	Thur. 1	3 ·48	16 ·07	17
5	Fri. 2	4 ·39	17 ·03 18 ·96	18
6	Sat. 3	5 ·30	19 ·89	19
7	Sun. 4	6 ·20	20 ·82	20
8	Mon. 5	7 ·10	21 ·75	21
9	Tues. 6	8 ·00 9 ·91	22 ·69	22
10	Wed. 7	10 ·82	23 ·63	23
11	Thur. 8	11 ·75	24 ·59	24
12	Fri. 9	12 ·69	25 ·56	25
13	Sat. 10	13 ·65	26 ·54	26
14	Sun. 11	14 ·64	27 ·55	27
15	Mon. 12	—A ·63	1 ·58	28
16	Tues. 13	1 ·66	2 ·63	29
17	Wed. 14	2 ·69	3 ·69	—30
18	Thur. 15	3 ·76	4 ·77	1
19	Fri. 16	4 ·84	5 ·87	2
20	Sat. 17	5 ·92	6 ·98	3
21	Sun. 18	... ...	... ..	4
22	Mon. 19	6 ·01	7 ·09	5
23	Tues. 20	7 ·09	8 ·19	6
24	Wed. 21	8 ·15	9 ·28	7
25	Thur. 22	9 ·20	10 ·36	8
26	Fri. 23	10 ·24	11 ·43	9
27	Sat. 24	11 ·24	12 ·46	10
28	Sun. 25	12 ·23	13 ·47	11
29	Mon. 26	13 ·21	14 ·47	12
30	Tues. 27	14 ·15	15 ·44	13
—31	Wed. 28	P ·09	16 ·40	14
1	Thur. 29	1 ·01 2 ·93	17 ·36	15
2	Fri. 30	3 ·83	18 ·30	16
Kshaya. **Vrishabha—Vaigāsi.**	**May.**			
3	Sat. 1	4 ·72	19 ·23	17
4	Sun. 2	5 ·62	20 ·16	18
5	Mon. 3	6 ·52	21 ·09	19
6	Tues. 4	7 ·43	22 ·03 23 ·96	20
7	Wed. 5	8 ·34	24 ·93	21
8	Thur. 6	9 ·26	25 ·89	22
9	Fri. 7	10 ·21	26 ·87	23
10	Sat. 8	11 ·17	27 ·88	24
11	Sun. 9	12 ·15	1 ·90	25
12	Mon. 10	13 ·14	2 ·94	26
13	Tues. 11	14 ·17	... ...	27
14	Wed. ● 12	—A ·21	3 ·00	28
15	Thur. 13	1 ·27	4 ·07	—29
16	Fri. 14	2 ·34	5 ·18	1
17	Sat. 15	3 ·42	6 ·28	2
18	Sun. 16	4 ·50	7 ·39	3
19	Mon. 17	5 ·58	8 ·49	4
20	Tues. 18	6 ·66	9 ·58	5
21	Wed. 19	7 ·70	10 ·66	6
22	Thur. 20	8 ·73	11 ·73	7
23	Fri. 21	9 ·74	12 ·77	8
24	Sat. 22	10 ·74	13 ·79	9
25	Sun. 23	11 ·70	14 ·79	10
26	Mon. 24	12 ·66	15 ·77	11
27	Tues. 25	13 ·60	16 ·75	12
28	Wed. 26	14 ·51	17 ·70	13
29	Thur. ○ 27	P ·42	18 ·64	14
30	Fri. 28	1 ·32	19 ·57	15
—31	Sat. 29	2 ·22	20 ·50	16
1	Sun. 30	3 ·12	21 ·44	17
2	Mon. 31	4 ·02 5 ·93	22 ·37	18
Kshaya. **Mithuna—Āni.**	**June.**			
3	Tues. 1	6 ·84	23 ·31	19
4	Wed. 2	7 ·76	24 ·26	20
5	Thur. 3	8 ·70	25 ·22	21
6	Fri. 4	9 ·66	26 ·20	22
7	Sat. 5	10 ·63	27 ·20	23
8	Sun. 6	11 ·63	1 ·21	24
9	Mon. 7	12 ·65	2 ·25	25
10	Tues. 8	13 ·69	3 ·30	26
11	Wed. 9	14 ·74	4 ·39	27
12	Thur. 10	—A ·81	5 ·48	28
13	Fri. 11	1 ·89	6 ·58	29
14	Sat. 12	2 ·97	7 ·68	—30
15	Sun. 13	... ...	8 ·79	1
16	Mon. 14	3 ·06	9 ·89	2
17	Tues. 15	4 ·13	10 ·97	3
18	Wed. 16	5 ·18	... ...	4
19	Thur. 17	6 ·21	11 ·04	5
20	Fri. 18	7 ·22	12 ·09	6
21	Sat. 19	8 ·21	13 ·11	7
22	Sun. 20	9 ·18	14 ·12	8
23	Mon. 21	10 ·14	15 ·11	9
24	Tues. 22	11 ·08	16 ·08	10
25	Wed. 23	12 ·00 13 ·91	17 ·03 18 ·97	11
26	Thur. 24	14 ·83	19 ·91	12
27	Fri. 25	P ·70	20 ·85	13
28	Sat. 26	1 ·60	21 ·78	14
29	Sun. 27	2 ·50	22 ·71	15
30	Mon. 28	3 ·40	23 ·65	16
31	Tues. 29	4 ·32	24 ·59	17
—32	Wed. 30	5 ·24	25 ·56	18

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12 U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1686. **Kollam 862,** { **N. Malabar—Sep.** **Hijra 1098.** **Vikrama 1743.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 7.** **Bengal San. 1092.**
P—Paurnimā. **(N. Cycle) Dhātri.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Kshaya. **Karkataka—Ādi.**	**July.**	*Bahula.*		*H.* 1097 *Sha'bān.*
1	Thur. 1	6 ·18	26 ·53	19
2	Fri. 2	7 ·13	27 ·52	20
3	Sat. 3	8 ·11	1 ·53	21
4	Sun. 4	9 ·11	2 ·56	22
5	Mon. 5	10 ·12	3 ·61	23
6	Tues. 6	11 ·17	4 ·69	24
7	Wed. 7	12 ·22	5 ·78	25
8	Thur. 8	13 ·28	6 ·88	26
9	Fri. 9	14 ·36	7 ·98	27
10	Sat. 10	—**A** ·44	... ...	28
11	Sun. 11	1 ·53	8 ·09	29
12	Mon. 12	2 ·60	9 ·19	1
13	Tues. 13	3 ·66	10 ·28	2
14	Wed. 14	4 ·69	11 ·35	3
15	Thur. 15	5 ·70	12 ·40	4
16	Fri. 16	6 ·69	13 ·43	5
17	Sat. 17	7 66	14 ·45	6
18	Sun. 18	8 ·62	15 ·44	7
19	Mon. 19	9 ·56	16 ·41	8
20	Tues. 20	10 ·49	17 ·37	9
21	Wed. 21	11 ·40	18 ·32	10
22	Thur. 22	12 ·30	19 ·26	11
23	Fri. 23	13 ·20	20 ·19	12
24	Sat. 24	14 ·10	21 ·12	13
25	Sun. 25	P ·00 1 ·90	22 ·05 23 ·98	14
26	Mon. 26	2 ·81	24 ·93	15
27	Tues. 27	3 ·73	25 ·89	16
28	Wed. 28	4 ·67	26 ·86	17
29	Thur. 29	5 ·62	27 ·84	18
30	Fri. 30	6 ·60	1 ·85	19
31	Sat. 31	7 59	2 ·87	20
Kshaya. **Simha—Āvani.**	**Aug.**	*Sukla.*		*H.* 1097 *Ramazān.*
—32	Sun. 1	8 ·60	3 ·93	21
1	Mon. 2	9 ·65	4 ·99	22
2	Tues. 3	10 ·70	... ...	23
3	Wed. 4	11 ·77	5 ·08	24
4	Thur. 5	12 ·85	6 ·18	25
5	Fri. 6	13 ·94	7 ·28	26
6	Sat. 7	... ...	8 ·40	27
7	Sun. 8	14 ·02	9 ·50	28
8	Mon. 9	—**A** ·09	10 ·59	29
9	Tues. 10	1 ·14	11 ·66	—30
10	Wed. 11	2 ·17	12 ·72	1
11	Thur. 12	3 ·20	13 ·76	2
12	Fri. 13	4 ·19	14 ·77	3
13	Sat. 14	5 ·17	15 ·76	4
14	Sun. 15	6 ·12	16 ·74	5
15	Mon. 16	7 ·07 8 ·99	17 ·70	6
16	Tues. 17	9 ·90	18 ·66	7
17	Wed. 18	10 ·80	19 ·59	8
18	Thur. 19	11 ·70	20 ·53	9
19	Fri. 20	12 ·60	21 ·46	10
20	Sat. 21	13 ·50	22 ·38	11
21	Sun. 22	14 ·41	23 ·32	12
22	Mon. 23	P ·32	24 ·27	13
23	Tues. 24	1 ·24	25 ·22	14
24	Wed. 25	2 ·19	26 ·19	15
25	Thur. 26	3 ·14	27 ·17	16
26	Fri. 27	4 ·12	1 ·18	17
27	Sat. 28	5 ·10	2 ·20	18
28	Sun. 29	6 ·12	3 ·24	19
29	Mon. 30	7 ·16	4 ·30	20
—30	Tues. 31	8 ·22	5 ·38	21
Kshaya. **Kanyā—Purattāsi.**	**Sep.**	*Bahula.*		*H.* 1097 *Shawwāl.*
—31	Wed. 1	9 ·29	6 ·47	22
1	Thur. 2	10 ·37	7 ·59	23
2	Fri. 3	11 ·45	8 ·69	24
3	Sat. 4	12 ·54	9 ·80	25
4	Sun. 5	13 ·62	10 ·89	26
5	Mon. 6	14 ·67	11 ·97	27
6	Tues. 7	—**A** ·71	... ...	28
7	Wed. 8	1 ·73	12 ·04	—29
8	Thur. 9	2 ·71	13 ·07	1
9	Fri. 10	3 ·69	14 ·09	2
10	Sat. 11	4 ·66	15 ·09	3
11	Sun. 12	5 ·60	16 ·07	4
12	Mon. 13	6 ·52	17 ·04 18 ·99	5
13	Tues. 14	7 ·44	19 ·93	6
14	Wed. 15	8 ·34	20 ·86	7
15	Thur. 16	9 ·24	21 ·79	8
16	Fri. 17	10 ·14	22 ·72	9
17	Sat. 18	11 ·04 12 ·95	23 ·67	10
18	Sun. 19	13 ·86	24 ·60	11
19	Mon. 20	14 ·79	25 ·55	12
20	Tues. 21	P ·73	26 ·52	13
21	Wed. 22	1 ·68	27 ·59	14
22	Thur. 23	2 ·66	1 ·50	15
23	Fri. 24	3 ·65	2 ·51	16
24	Sat. 25	4 ·67	3 ·55	17
25	Sun. 26	5 ·71	4 ·61	18
26	Mon. 27	6 ·76	5 ·68	19
27	Tues. 28	7 ·83	6 ·78	20
28	Wed. 29	8 ·92	7 ·89	21
29	Thur. 30	... ...	8 ·99	22
Kshaya. **Tulā—Aippasi.**	**Oct.**	*Bahula.*		*H.* 1097 *Zi-l-ka'da.*
—30	Fri. 1	9 ·01	... ...	23
1	Sat. 2	10 ·09	9 ·10	24
2	Sun. 3	11 ·17	10 ·19	25
3	Mon. 4	12 ·23	11 ·27	26
4	Tues. 5	13 ·27	12 ·34	27
5	Wed. 6	14 ·29	13 ·39	28
6	Thur. 7	—**A** ·29	14 ·41	29
7	Fri. 8	1 ·26	15 ·41	—30
8	Sat. 9	2 ·22	16 ·40	1
9	Sun. 10	3 ·17	17 ·37	2
10	Mon. 11	4 ·09	18 ·33	3
11	Tues. 12	5 ·01 6 ·92	19 ·27	4
12	Wed. 13	7 ·82	20 ·20	5
13	Thur. 14	8 ·72	21 ·13	6
14	Fri. 15	9 ·62	22 ·07	7
15	Sat. 16	10 ·53	23 ·00 24 ·94	8
16	Sun. 17	11 ·44	25 ·89	9
17	Mon. 18	12 ·37	26 ·85	10
18	Tues. 19	13 ·31	27 ·85	11
19	Wed. 20	14 ·27	1 ·82	12
20	Thur. 21	P ·25	2 ·83	13
21	Fri. 22	1 ·25	3 ·86	14
22	Sat. 23	2 ·26	4 ·92	15
23	Sun. 24	3 ·30	... ...	16
24	Mon. 25	4 ·36	5 ·00	17
25	Tues. 26	5 ·44	6 ·08	18
26	Wed. 27	6 ·53	7 ·18	19
27	Thur. 28	7 ·62	8 ·29	20
28	Fri. 29	8 ·70	9 ·40	21
29	Sat. 30	9 ·77	10 ·50	22
—30	Sun. 31	10 ·83	11 ·59	23
Kshaya. **Vṛiśchika—Kārttigai.**	**Nov.**	*Sukla.*		*H.* 1097 *Zi-l-hijja.*
1	Mon. 1	11 ·87	12 ·66	24
2	Tues. 2	12 ·89	13 ·70	25
3	Wed. 3	13 ·89	14 ·73	26
4	Thur. 4	14 ·86	15 ·74	27
5	Fri. 5	—**A** ·83	16 ·74	28
6	Sat. 6	1 ·78	17 ·71	—29
7	Sun. 7	2 ·71	18 ·66	1
8	Mon. 8	3 ·62	19 ·61	2
9	Tues. 9	4 ·53	20 ·54	3
10	Wed. 10	5 ·43	21 ·48	4
11	Thur. 11	6 ·33	22 ·41	5
12	Fri. 12	7 ·23	23 ·34	6
13	Sat. 13	8 ·14	24 ·28	7
14	Sun. 14	9 ·06 10 ·99	25 ·22	8
15	Mon. 15	11 ·93	26 ·19	9
16	Tues. 16	12 ·89	27 ·16	10
17	Wed. 17	13 ·87	1 ·14	11
18	Thur. 18	14 ·87	2 ·15	12
19	Fri. ○ 19	P ·89	3 ·18	13
20	Sat. 20	1 ·94	4 ·22	14
21	Sun. 21	2 ·99	5 ·30	15
22	Mon. 22	... ...	6 ·38	16
23	Tues. 23	3 ·07	7 ·48	17
24	Wed. 24	4 ·15	8 ·59	18
25	Thur. 25	5 ·24	9 ·69	19
26	Fri. 26	6 ·33	10 ·80	20
27	Sat. 27	7 ·40	11 ·89	21
28	Sun. 28	8 ·47	12 ·97	22
—29	Mon. 29	9 ·51	... ...	23
1	Tues. 30	10 ·53	13 02	24
Kshaya. **Dhanus—Mārgali.**	**Dec.**	*Bahula.*		*H.* 1098 *Muharram.*
2	Wed. 1	11 ·52	14 ·05	25
3	Thur. 2	12 ·49	15 ·07	26
4	Fri. 3	13 ·46	16 ·06	27
5	Sat. 4	14 ·40	17 ·04 18 ·99	28
6	Sun. 5	—**A** ·33	19 ·94	29
7	Mon. 6	1 ·24	20 ·89	—30
8	Tues. 7	2 ·15	21 ·82	1
9	Wed. 8	3 ·06 4 ·96	22 ·75	2
10	Thur. 9	5 ·86	23 ·68	3
11	Fri. 10	6 ·76	24 ·61	4
12	Sat. 11	7 ·69	25 ·56	5
13	Sun. 12	8 ·62	26 ·52	6
14	Mon. 13	9 ·57	27 ·48	7
15	Tues. 14	10 ·53	1 ·47	8
16	Wed. 15	11 ·51	2 ·47	9
17	Thur. 16	12 ·51	3 ·49	10
18	Fri. 17	13 ·53	4 ·54	11
19	Sat. 18	14 ·58	5 ·61	12
20	Sun. 19	P ·64	6 ·69	13
21	Mon. 20	1 ·72	7 ·78	14
22	Tues. 21	2 ·81	8 ·89	15
23	Wed. 22	3 ·90	... ...	16
24	Thur. 23	4 ·98	9 ·00	17
25	Fri. 24	... ...	10 ·10	18
26	Sat. 25	5 ·05	11 ·20	19
27	Sun. 26	6 ·12	12 ·27	20
28	Mon. 27	7 15	13 ·33	21
29	Tues. 28	8 ·17	14 ·38	22
—30	Wed. 29	9 ·17	15 ·39	23
1	Thur. 30	10 ·15	16 ·39	24
2	Fri. 31	11 ·10	17 ·37	25

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1687. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·50.** **Śaka 1609.** **Kaliyuga 4788.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·41.** **(S. Cycle) Prabhava.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Kshaya. **Makara—Tai.**	**Jan.**				
3	Sat.	1	12 ·05 / 13 ·98	18 ·83	26
4	Sun.	2	14 ·89	19 ·29	27
5	Mon.	3	—**A** ·80	20 ·23	28
6	Tues.	4	1 ·70	21 ·16	—29
7	Wed.	5	2 ·60	22 ·09	1
8	Thur.	6	3 ·50	23 ·02 / 24 ·95	2
9	Fri.	7	4 ·42	25 ·90	3
10	Sat.	8	5 ·34	26 ·85	4
11	Sun.	9	6 ·26	27 ·81	5
12	Mon.	10	7 ·21	1 ·79	6
13	Tues.	11	8 ·17	2 ·79	7
14	Wed.	12	9 ·16	3 ·81	8
15	Thur.	13	10 ·15	4 ·85	9
16	Fri.	14	11 ·19	5 ·91	10
17	Sat.	15	12 ·24	6 ·99	11
18	Sun.	16	13 ·30	... ...	12
19	Mon.	17	14 ·38	7 ·08	13
20	Tues.	18	**P** ·47	8 ·19	14
21	Wed.	19	1 ·56	9 ·30	15
22	Thur.	20	2 ·64	10 ·40	16
23	Fri.	21	3 ·72	11 ·50	17
24	Sat.	22	4 ·77	12 ·58	18
25	Sun.	23	5 ·80	13 ·65	19
26	Mon.	24	6 ·81	14 ·69	20
27	Tues.	25	7 ·81	15 ·71	21
28	Wed.	26	8 ·79	16 ·71	22
—29	Thur.	27	9 ·74	17 ·69	23
1	Fri.	28	10 ·67	18 ·67	24
2	Sat.	29	11 ·59	19 ·62	25
3	Sun.	30	12 ·51	20 ·56	26
4	Mon.	31	13 ·42	21 ·50	27
	Feb.				
5	Tues.	1	14 ·32	22 ·43	28
6	Wed.	2	—**A** ·22	23 ·36	29
7	Thur.	3	1 ·12	24 ·30	—30
8	Fri.	4	2 ·04 / 3 ·96	25 ·23	1
9	Sat.	5	4 ·89	26 ·18	2
10	Sun.	6	5 ·84	27 ·14	3
11	Mon.	7	6 ·80	1 ·12	
12	Tues.	8	7 ·79	2 ·12	5
13	Wed.	9	8 ·78	3 ·13	6
14	Thur.	10	9 ·82	4 ·16	7
15	Fri.	11	10 ·86	5 ·22	8
16	Sat.	12	11 ·93	6 ·29	9
17	Sun.	13	... ...	7 ·39	10
18	Mon.	14	12 ·01	8 ·49	11
19	Tues.	15	13 ·11	9 ·60	12
20	Wed.	16	14 ·19	10 ·70	13
21	Thur.	17	**P** ·26	11 ·80	14
22	Fri.	18	1 ·33	12 ·89	15
23	Sat.	19	2 ·38	13 ·96	16
24	Sun.	20	3 ·43	... ...	17
25	Mon.	21	4 ·44	14 ·01	18
26	Tues.	22	5 ·43	15 ·03	19
27	Wed.	23	6 ·40	16 ·04	20
28	Thur.	24	7 ·35	17 ·02	21
29	Fri.	25	8 ·29	18 ·00 / 19 ·96	22
—30	Sat.	26	9 ·21	20 ·90	23
1	Sun.	27	10 ·13	21 ·83	24
2	Mon.	28	11 ·03 / 12 ·93	22 ·76	25

Śukla. **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Śukla.* **Jyeshtha.** *Bahula.* **Āshādha.**

H. 1098 *Rabī-ul awwal.* *Rabī-ul ākhir.* *Jamāda'l awwal.* *Jamāda'l ākhir.* *Rajab.* *Sha'bān.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Kshaya. **Mīna—Pāṅguni.**	**March.**				
3	Tues.	1	13 ·83	23 ·70	26
4	Wed.	2	14 ·73	24 ·63	27
5	Thur.	3	—**A** ·64	25 ·57	28
6	Fri.	4	1 ·55	26 ·52	—29
7	Sat.	5	2 ·49	27 ·47	1
8	Sun.	6	3 ·43	1 ·45	2
9	Mon.	7	4 ·40	2 ·44	3
10	Tues.	8	5 ·38	3 ·45	4
11	Wed.	9	6 ·38	4 ·48	5
12	Thur.	10	7 ·42	5 ·52	6
13	Fri.	11	8 ·47	6 ·60	7
14	Sat.	12	9 ·53	7 ·69	8
15	Sun.	13	10 ·61	8 ·79	9
16	Mon.	14	11 ·70	9 ·90	10
17	Tues.	15	12 ·79	... ...	11
18	Wed.	16	13 ·87	10 ·00	12
19	Thur.	17	14 ·92	11 ·10	13
20	Fri.	18	**P** ·97	12 ·20	14
21	Sat.	19	... ...	13 ·27	15
22	Sun.	20	1 ·01	14 ·32	16
23	Mon.	21	2 ·02	15 ·35	17
24	Tues.	22	3 ·01 / 4 ·97	16 ·36	18
25	Wed.	23	5 ·93	17 ·35	19
26	Thur.	24	6 ·86	18 ·32	20
27	Fri.	25	7 ·78	19 ·29	21
28	Sat.	26	8 ·70	20 ·24	22
29	Sun.	27	9 ·60	21 ·17	23
—30	Mon.	28	10 ·50	22 ·11	24
1	Tues.	29	11 ·40	23 ·04 / 24 ·97	25
2	Wed.	30	12 ·30	25 ·91	26
3	Thur.	31	13 ·21	26 ·85	27
	April.				
4	Fri.	1	14 ·13	27 ·81	28
5	Sat.	2	**A** ·05 / 1 ·99	1 ·78	29
6	Sun.	3	2 ·96	2 ·76	—30
7	Mon.	4	3 ·94	3 ·77	1
8	Tues.	5	4 ·94	4 ·79	2
9	Wed.	6	5 ·97	5 ·85	3
10	Thur.	7	... ...	6 ·91	4
11	Fri.	8	6 ·02	7 ·99	5
12	Sat.	9	7 ·08	... ...	6
13	Sun.	10	8 ·16	8 ·09	7
14	Mon.	11	9 ·25	9 ·19	8
15	Tues.	12	10 ·33	10 ·30	9
16	Wed.	13	11 ·41	11 ·41	10
17	Thur.	14	12 ·47	12 ·50	11
18	Fri.	15	13 ·52	13 ·58	12
19	Sat.	16	14 ·55	14 ·63	13
20	Sun.	17	**P** ·56	15 ·67	14
21	Mon.	18	1 ·55	16 ·69	15
22	Tues.	19	2 ·52	17 ·69	16
23	Wed.	20	3 ·47	18 ·66	17
24	Thur.	21	4 ·40	19 ·62	18
25	Fri.	22	5 ·32	20 ·57	19
26	Sat.	23	6 ·23	21 ·52	20
27	Sun.	24	7 ·14	22 ·45	21
28	Mon.	25	8 ·04 / 9 ·94	23 ·38	22
29	Tues.	26	10 ·84	24 ·31	23
30	Wed.	27	11 ·74	25 ·24	24
—31	Thur.	28	12 ·65	26 ·19	25
1	Fri.	29	13 ·58	27 ·14	26
2	Sat.	30	14 ·53	1 ·11	27

Śukla. **Vaiśākha.** *Bahula.* **Jyeshtha.** *Śukla.* **Āshādha.** *Bahula.* **Śrāvana.**

Prabhava. **Vṛishabha—Vaigāśi.** *Prabhava.* **Mithuna—Āni.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.		LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.				
3	Sun.	1	—**A** ·49	2 ·09	28
4	Mon.	2	1 ·46	3 ·09	—29
5	Tues.	3	2 ·46	4 ·11	1
6	Wed.	4	3 ·49	5 ·16	2
7	Thur.	5	4 ·54	6 ·22	3
8	Fri.	6	5 ·60	7 ·29	4
9	Sat.	7	6 ·67	8 ·39	5
10	Sun.	8	7 ·75	9 ·49	6
11	Mon.	9	8 ·84	10 ·61	7
12	Tues.	10	9 ·92	11 ·71	8
13	Wed.	11	10 ·98	13 ·80	9
14	Thur.	12	... ...	13 ·88	10
15	Fri.	13	11 ·03	14 ·94	11
16	Sat.	14	12 ·05	15 ·99	12
17	Sun.	15	13 ·07	... ...	13
18	Mon.	16	14 ·06	16 ·01	14
19	Tues.	17	**P** ·03 / 1 ·98	17 ·01 / 18 ·99	15
20	Wed.	18	2 ·91	19 ·96	16
21	Thur.	19	3 ·83	20 ·92	17
22	Fri.	20	4 ·73	21 ·86	18
23	Sat.	21	5 ·63	22 ·79	19
24	Sun.	22	6 ·53	23 ·72	20
25	Mon.	23	7 ·43	24 ·65	21
26	Tues.	24	8 ·33	25 ·59	22
27	Wed.	25	9 ·23	26 ·53	23
28	Thur.	26	10 ·15	27 ·48	24
29	Fri.	27	11 ·08	1 ·44	25
30	Sat.	28	12 ·03 / 13 ·99	2 ·41	26
31	Sun.	29	14 ·97	3 ·41	27
—32	Mon.	30	—**A** ·96	4 ·43	28
1	Tues.	31	1 ·98	5 ·49	29
	June.				
2	Wed.	1	... ...	6 ·52	—30
3	Thur.	2	2 ·02	7 ·60	1
4	Fri.	3	3 ·08	8 ·69	2
5	Sat.	4	4 ·15	9 ·80	3
6	Sun.	5	5 ·23	10 ·91	4
7	Mon.	6	6 ·32	... ...	5
8	Tues.	7	7 ·39	11 ·01	6
9	Wed.	8	8 ·46	12 ·11	7
10	Thur.	9	9 ·51	13 ·19	8
11	Fri.	10	10 ·54	14 ·26	9
12	Sat.	11	11 ·55	15 ·30	10
13	Sun.	12	12 ·54	16 ·33	11
14	Mon.	13	13 ·52	17 ·34	12
15	Tues.	14	14 ·46	18 ·32	13
16	Wed.	15	**P** ·40	19 ·30	14
17	Thur.	16	1 ·32	20 ·25	15
18	Fri.	17	2 ·22	21 ·18	16
19	Sat.	18	3 ·12	22 ·13	17
20	Sun.	19	4 ·02 / 5 ·92	23 ·06 / 24 ·99	18
21	Mon.	20	6 ·82	25 ·93	19
22	Tues.	21	7 ·73	26 ·86	20
23	Wed.	22	8 ·64	27 ·81	21
24	Thur.	23	9 ·57	1 ·77	22
25	Fri.	24	10 ·51	2 ·74	23
26	Sat.	25	11 ·46	3 ·74	24
27	Sun.	26	12 ·44	4 ·75	25
28	Mon.	27	13 ·43	5 ·78	26
29	Tues.	28	14 ·46	6 ·88	27
30	Wed.	29	—**A** ·49	7 ·90	28
—31	Thur.	30	1 ·56	... ...	—29

Śukla. **Adhika Āshādha.** *Bahula.* **Śrāvana.**

Rajab. *Sha'bān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1687. **Kollam 863,** { **N. Malabar—Sep.** **Hijra 1099.** **Vikrama 1744.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 28.** **Bengal San. 1093.**
P—Paurnimā. **(N. Cycle) Īśvara.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Prabhava. **Karkaṭaka—Ādi.**	**July.**			
1	Fri. 1	2 ·63	8 ·00	1
2	Sat. 2	3 ·70	9 ·10	2
3	Sun. 3	4 ·79	10 ·20	3
4	Mon. 4	5 ·87	11 ·31	4
5	Tues. 5	6 ·94	12 ·41	5
6	Wed. 6	7 ·98	13 ·50	6
7	Thur. 7	... ...	14 ·57	7
8	Fri. 8	8 ·02	15 ·62	8
9	Sat. 9	9 ·03	16 ·65	9
10	Sun. 10	10 ·01 11 ·99	17 ·65	10
11	Mon. 11	12 ·94	18 ·65	11
12	Tues. 12	13 ·88	19 ·62	12
13	Wed. 13	14 ·80	20 ·59	13
14	Thur. 14	P ·72	21 ·53	14
15	Fri. 15	1 ·62	22 ·47	15
16	Sat. 16	2 ·52	23 ·40	16
17	Sun. 17	3 ·42	24 ·34	17
18	Mon. 18	4 ·32	25 ·27	18
19	Tues. 19	5 ·22	26 ·20	19
20	Wed. 20	6 ·12	27 ·14	20
21	Thur. 21	7 ·04 8 ·98	1 ·10	21
22	Fri. 22	9 ·93	2 ·08	22
23	Sat. 23	10 ·91	3 ·06	23
24	Sun. 24	11 ·91	4 ·07	24
25	Mon. 25	12 ·93	5 ·09	25
26	Tues. 26	13 ·97	6 ·14	26
27	Wed 27	... ...	7 ·21	27
28	Thur. 28	14 ·03	8 ·30	28
29	Fri. 29	A ·10	9 ·40	29
30	Sat. 30	1 ·18	10 ·50	30
31	Sun. 31	2 ·26	11 ·61	1
	Aug.			
32	Mon. 1	3 ·34	12 ·72	2
1	Tues. 2	4 ·41	13 ·81	3
2	Wed. 3	5 ·46	14 ·88	4
3	Thur. 4	6 ·51	15 ·94	5
4	Fri. 5	7 ·52	16 ·97	6
5	Sat. 6	8 ·51	17 ·98	7
6	Sun. 7	9 ·48	18 ·98	8
7	Mon. 8	10 ·44	19 ·96	9
8	Tues. 9	11 ·38	20 ·92	10
9	Wed. 10	12 ·30	21 ·87	11
10	Thur. 11	13 ·21	22 ·80	12
11	Fri. 12	14 ·11	23 ·75	13
12	Sat. 13	P ·01 1 ·91	24 ·68	14
13	Sun. 14	2 ·81	25 ·60	15
14	Mon. 15	3 ·71	26 ·54	16
15	Tues. 16	4 ·62	27 ·48	17
16	Wed. 17	5 ·55	1 ·44	18
17	Thur. 18	6 ·48	2 ·41	19
18	Fri. 19	7 ·45	3 ·39	20
19	Sat. 20	8 ·43	4 ·39	21
20	Sun. 21	9 ·42	5 ·41	22
21	Mon. 22	10 ·43	6 ·46	23
22	Tues. 23	11 ·48	7 ·52	24
23	Wed. 24	12 ·54	8 ·60	25
24	Thur. 25	13 ·61	9 ·69	26
25	Fri. 26	14 ·69	10 ·80	27
26	Sat. 27	A ·77	11 ·91	28
27	Sun. 28	1 ·86	... ...	29
28	Mon. 29	2 ·93	12 ·02	1
29	Tues. 30	3 ·98	13 ·11	2
30	Wed. 31	... ..	14 ·19	3

Śukla. **Nija Āshādha.** *Bahula.* *Śukla.* **Śrāvaṇa.** *Bahula.* *H.* 1098 *Ramażān.* *H.* 1098 *Shawwāl.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Prabhava. **Kanyā—Puraṭṭāsi.**	**Sep.**			
—31	Thur. 1	*Śukla.* 4 ·02	15 ·25	4
1	Fri. 2	5 ·04	16 ·28	5
2	Sat. 3	6 ·03	17 ·31	6
3	Sun. 4	7 ·00 8 ·97	18 ·31	7
4	Mon. 5	9 ·90	19 ·29	8
5	Tues. 6	10 ·83	20 ·25	9
6	Wed. 7	11 ·74	21 ·20	10
7	Thur. 8	12 ·64	22 ·15	11
8	Fri. 9	13 ·54	23 ·08	12
9	Sat. 10	14 ·44	24 ·01 25 ·96	13
10	Sun. 11	P ·34	26 ·87	14
11	Mon. 12	1 ·24	27 ·82	15
12	Tues. 13	2 ·16	1 ·77	16
13	Wed. 14	3 ·09	2 ·73	17
14	Thur. 15	4 ·03 5 ·98	3 ·71	18
15	Fri. 16	6 ·96	4 ·71	19
16	Sat. 17	7 ·96	5 ·73	20
17	Sun. 18	8 ·97	6 ·77	21
18	Mon. 19	... ...	7 ·83	22
19	Tues. 20	9 ·01	8 ·90	23
20	Wed. 21	10 ·07	9 ·99	24
21	Thur. 22	11 ·15	... ...	25
22	Fri. 23	12 ·23	10 ·10	26
23	Sat. 24	13 ·31	11 ·21	27
24	Sun. 25	14 ·40	12 ·32	28
25	Mon. 26	A ·48	13 ·41	29
26	Tues. 27	1 ·54	14 ·49	30
27	Wed. 28	2 ·57	15 ·56	1
28	Thur. 29	3 ·60	16 ·61	2
29	Fri. 30	4 ·58	17 ·63	3
	Oct.			
—30	Sat. 1	5 ·56	18 ·63	4
1	Sun. 2	6 ·53	19 ·62	5
2	Mon. 3	7 ·47	20 ·58	6
3	Tues. 4	8 ·39	21 ·55	7
4	Wed. 5	9 ·30	22 ·49	8
5	Thur. 6	10 ·21	23 ·42	9
6	Fri. 7	11 ·11	24 ·35	10
7	Sat. 8	12 ·01 13 ·91	25 ·28	11
8	Sun. 9	14 ·81	26 ·22	12
9	Mon. 10	P ·73	27 ·16	13
10	Tues. 11	1 ·65	1 ·11	14
11	Wed. 12	2 ·60	2 ·06	15
12	Thur. 13	3 ·56	3 ·04	16
13	Fri. 14	4 ·55	4 ·03	17
14	Sat. 15	5 ·55	5 ·05	18
15	Sun. 16	6 ·56	6 ·08	19
16	Mon. 17	7 ·60	7 ·13	20
17	Tues. 18	8 ·66	8 ·20	21
18	Wed. 19	9 ·73	9 ·29	22
19	Thur. 20	10 ·81	10 ·40	23
20	Fri. 21	11 ·91	11 ·51	24
21	Sat. 22	... ...	12 ·62	25
22	Sun. 23	12 ·00	13 ·71	26
23	Mon. 24	13 ·08	14 ·80	27
24	Tues. 25	14 ·13	15 ·88	28
25	Wed. ● 26	A ·16	16 ·92	29
26	Thur. 27	1 ·19	17 ·95	30
27	Fri. 28	2 ·18	18 ·96	1
28	Sat. 29	3 ·16	19 ·94	2
29	Sun. 30	4 ·12	20 ·92	3
—30	Mon. 31	5 ·06 6 ·98	21 ·88	4

Bahula. **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* *H.* 1098 *Zi-l-ka'da.* *H.* 1098 *Zi-l-hijja.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Prabhava. **Vṛiśchika—Kārttigai.**	**Nov.**			
1	Tues. 1	7 ·90	22 ·82	5
2	Wed. 2	8 ·81	23 ·76	6
3	Thur. 3	9 ·71	24 ·68	7
4	Fri. 4	10 ·61	25 ·63	8
5	Sat. 5	11 ·51	26 ·56	9
6	Sun. 6	12 ·42	27 ·50	10
7	Mon. 7	13 ·34	1 ·44	11
8	Tues. 8	14 ·26	2 ·40	12
9	Wed. 9	P ·20	3 ·37	13
10	Thur. 10	1 ·17	4 ·36	14
11	Fri. 11	2 ·16	5 ·37	15
12	Sat. 12	3 ·16	6 ·40	16
13	Sun. 13	4 ·17	7 ·44	17
14	Mon. 14	5 ·22	8 ·51	18
15	Tues. 15	6 ·29	9 ·60	19
16	Wed. 16	7 ·36	10 ·70	20
17	Thur. 17	8 ·44	11 ·81	21
18	Fri. 18	9 ·54	12 ·92	22
19	Sat. 19	10 ·62	... ...	23
20	Sun. 20	11 ·70	13 ·02	24
21	Mon. 21	12 ·76	14 ·11	25
22	Tues. 22	13 ·81	15 ·19	26
23	Wed. 23	14 ·82	16 ·24	27
24	Thur. 24	—A ·80	17 ·27	28
25	Fri. 25	1 ·78	18 ·28	29
26	Sat. 26	2 ·74	19 ·28	—30
27	Sun. 27	3 ·68	20 ·26	1
28	Mon. 28	4 ·61	21 ·21	2
29	Tues. 29	5 ·53	22 ·16	3
—30	Wed. 30	6 ·43	23 ·10	4
	Dec.			
1	Thur. 1	7 ·33	24 ·03 25 ·96	5
2	Fri. 2	8 ·23	26 ·90	6
3	Sat. 3	9 ·13	27 ·83	7
4	Sun. 4	10 ·04 11 ·96	1 ·77	8
5	Mon. 5	12 ·90	2 ·73	9
6	Tues. 6	13 ·84	3 ·70	10
7	Wed. 7	14 ·81	4 ·69	11
8	Thur. 8	P ·79	5 ·69	12
9	Fri. 9	1 ·80	6 ·71	13
10	Sat. 10	2 ·88	7 ·75	14
11	Sun. 11	3 ·87	8 ·83	15
12	Mon. 12	4 ·93	9 ·91	16
13	Tues. 13	... ...	... ...	17
14	Wed. 14	5 ·01	10 ·00	18
15	Thur 15	6 ·10	11 ·11	19
16	Fri. 16	7 ·19	12 ·22	20
17	Sat. 17	8 ·27	13 ·33	21
18	Sun. 18	9 ·34	14 ·42	22
19	Mon. 19	10 ·40	15 ·49	23
20	Tues. 20	11 ·45	16 ·55	24
21	Wed. 21	12 ·46	17 ·59	25
22	Thur. 22	13 ·45	18 ·61	26
23	Fri. 23	14 ·43	19 ·61	27
24	Sat. 24	—A ·38	20 ·59	28
25	Sun. 25	1 ·32	21 ·55	—29
26	Mon. 26	2 ·25	22 ·50	1
27	Tues. 27	3 ·17	23 ·44	2
28	Wed. 28	4 ·08 5 ·98	24 ·38	3
—29	Thur. 29	6 ·88	25 ·31	4
1	Fri. 30	7 ·78	26 ·24	5
2	Sat. 31	8 ·69	27 ·17	6

Śukla. **Mārgaśirsha.** *Bahula.* *Prabhava.* **Dhanus—Mārgali.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1099 *Muharram.* *H.* 1099 *Śafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1688. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·76.** **Śaka 1610.** **Kaliyuga 4789.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·67.** **(S. Cycle) Vibhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Prabhava. **Makara—Tai.**	**Jan.**		*Sukla.*		*H.* 1099 *Rabi-ul awwal.*	*Prabhava.* **Mīna—Pāguni.**	**March.**		*Bahula.*		*H.* 1099 *Jumāda'l awwal.*	*Vibhava.* **Vrishabha—Vaigāsi.**	**May.**		*Bahula.*		*H.* 1099 *Rajab.*
3	Sun.	1	9 ·61	1 ·11	7	4	Thur.	1	10 ·69	7 ·70	8	3	Tues.	1	11 ·08	13 ·82	10
4	Mon.	2	10 ·54	2 ·07	8	5	Fri.	2	11 ·72	8 ·75	9	4	Wed.	2	12 ·16	14 ·93	11
5	Tues.	3	11 ·48	3 ·03	9	6	Sat.	3	12 ·77	9 ·82	10	5	Thur.	3	13 ·24	... ...	12
6	Wed.	4	12 ·46	4 ·01	10	7	Sun.	4	13 ·83	10 ·91	11	6	Fri.	4	14 ·31	15 ·03	13
7	Thur.	5	13 ·44	5 ·01	11	8	Mon.	5	14 ·91	... ...	12	7	Sat.	5	P ·36	16 ·10	14
8	Fri.	6	14 ·45	6 ·03	12	9	Tues.	6	... ...	11 ·01	13	8	Sun.	6	1 ·39	17 ·16	15
9	Sat.	7	P ·47	7 ·07	13	10	Wed.	7	P ·00	12 ·12	14	9	Mon.	7	2 ·39	18 ·20	16
10	Sun.	8	1 ·52	8 ·13	14	11	Thur.	8	1 ·09	13 ·22	15	10	Tues.	8	3 ·38	19 ·23	17
11	Mon.	9	2 ·58	9 ·21	15	12	Fri.	9	2 ·16	14 ·32	16	11	Wed.	9	4 ·35	20 ·23	18
12	Tues.	10	3 ·67	10 ·30	16	13	Sat.	10	3 ·22	15 ·41	17	12	Thur.	10	5 ·30	21 ·21	19
13	Wed.	11	4 ·76	11 ·40	17	14	Sun.	11	4 ·28	16 ·49	18	13	Fri.	11	6 ·23	22 ·18	20
14	Thur.	12	5 ·85	12 ·52	18	15	Mon.	12	5 ·32	17 ·54	19	14	Sat.	12	7 ·14	23 ·13	21
15	Fri.	13	6 ·93	13 ·62	19	16	Tues.	13	6 ·33	18 ·57	20	15	Sun.	13	8 ·05 9 ·95	24 ·07	22
16	Sat.	14	... ...	14 ·72	20	17	Wed.	14	7 ·31	19 ·58	21	16	Mon.	14	10 ·85	25 ·01 26 ·94	23
17	Sun.	15	7 ·00	15 ·80	21	18	Thur.	15	8 ·28	20 ·57	22	17	Tues.	15	11 ·75	27 ·87	24
18	Mon.	16	8 ·06	16 ·86	22	19	Fri.	16	9 ·23	21 ·55	23	18	Wed.	16	12 ·65	1 ·80	25
19	Tues.	17	9 ·09	17 ·90	23	20	Sat.	17	10 ·16	22 ·51	24	19	Thur.	17	13 ·55	2 ·74	26
20	Wed.	18	10 ·10	18 ·92	24	21	Sun.	18	11 ·09 12 ·99	23 ·46	25	20	Fri.	18	14 ·47	3 ·70	27
21	Thur.	19	11 ·10	19 ·93	25	22	Mon.	19	13 ·89	24 ·39	26	21	Sat.	19	A ·40	4 ·66	28
22	Fri.	20	12 ·07	20 ·91	26	23	Tues.	20	14 ·79	25 ·32	27	22	Sun.	20	1 ·34	5 ·63	29
23	Sat.	21	13 ·03 14 ·96	21 ·88	27	24	Wed.	21	A ·69	26 ·26	28	23	Mon.	21	2 ·31	6 ·63	30
24	Sun.	22	A ·89	22 ·83	28	25	Thur.	22	1 ·60	27 ·19	29	24	Tues.	22	3 ·28	7 ·64	1
25	Mon.	23	1 ·80	23 ·78	29	26	Fri.	23	2 ·51	1 ·13	30	25	Wed.	23	4 ·29	8 ·69	2
26	Tues.	24	2 ·70	24 ·72	30	27	Sat.	24	3 ·43	2 ·07	1	26	Thur.	24	5 ·32	9 ·74	3
27	Wed.	25	3 ·60	25 ·65	1	28	Sun.	25	4 ·36	3 ·02	2	27	Fri.	25	6 ·37	10 ·82	4
28	Thur.	26	4 ·50	26 ·57	2	29	Mon.	26	5 ·31	4 ·00 5 ·98	3	28	Sat.	26	7 ·43	11 ·90	5
29	Fri.	27	5 ·41	27 ·51	3	30	Tues.	27	6 ·27	6 ·99	4	29	Sun.	27	8 ·50	... ..	6
30	Sat.	28	6 ·32	1 ·45	4	31	Wed.	28	7 ·26	... ...	5	30	Mon.	28	9 ·58	12 ·01	7
31	Sun.	29	7 ·24	2 ·40	5	1	Thur.	29	8 ·26	7 ·01	6	31	Tues.	29	10 ·66	13 ·12	8
1	Mon.	30	8 ·17	3 ·36	6	2	Fri.	30	9 ·29	8 ·06	7	1	Wed.	30	11 ·74	14 ·23	9
2	Tues.	31	9 ·12	4 ·34	7	3	Sat.	31	10 ·33	9 ·12	8	2	Thur.	31	12 ·80	15 ·33	10
Prabhava. **Kumbha—Māsi.**	**Feb.**		*Sukla.*		*H.* 1099 *Rabi-ul ākhir.*	*Vibhava.* **Mēsha—Chittirai.**	**April.**		*Sukla.*		*H.* 1099 *Jumāda'l ākhir.*	*Vibhava.* **Mithuna—Āni.**	**June.**		*Bahula.*		*H.* 1099 *Shaʻbān.*
4	Wed.	1	10 ·09	5 ·33	8	4	Sun.	1	11 ·38	10 ·21	9	3	Fri.	1	13 ·84	16 ·41	11
5	Thur.	2	11 ·07	6 ·35	9	5	Mon.	2	12 ·47	11 ·31	10	4	Sat.	2	14 ·87	17 ·47	12
6	Fri.	3	12 ·08	7 ·38	10	6	Tues.	3	13 ·56	12 ·41	11	5	Sun.	3	P ·88	18 ·53	13
7	Sat.	4	13 ·12	8 ·44	11	7	Wed.	4	14 ·65	13 ·52	12	6	Mon.	4	1 ·87	19 ·55	14
8	Sun.	5	14 ·17	9 ·51	12	8	Thur.	○ 5	P ·72	14 ·62	13	7	Tues.	5	2 ·83	20 ·56	15
9	Mon.	6	P ·23	10 ·60	13	9	Fri.	6	1 ·79	15 ·72	14	8	Wed.	6	3 ·79	21 ·54	16
10	Tues.	7	1 ·31	11 ·71	14	10	Sat.	7	2 ·84	16 ·80	15	9	Thur.	7	4 ·72	22 ·51	17
11	Wed.	8	2 ·40	12 ·82	15	11	Sun.	8	3 ·87	17 ·85	16	10	Fri.	8	5 ·64	23 ·46	18
12	Thur.	9	3 ·48	13 ·92	16	12	Mon.	9	4 ·88	18 ·89	17	11	Sat.	9	6 ·54	24 ·41	19
13	Fri.	10	4 ·56	... ...	17	13	Tues.	10	5 ·86	19 ·90	18	12	Sun.	10	7 ·41	25 ·35	20
14	Sat.	11	5 ·63	14 ·02	18	14	Wed.	11	6 ·83	20 ·91	19	13	Mon.	11	8 ·34	26 ·28	21
15	Sun.	12	6 ·69	15 ·10	19	15	Thur.	12	7 ·78	21 ·88	20	14	Tues.	12	9 ·24	27 ·21	22
16	Mon.	13	7 ·72	16 ·17	20	16	Fri.	13	8 ·71	22 ·84	21	15	Wed.	13	10 ·14	1 ·14	23
17	Tues.	14	8 ·73	17 ·23	21	17	Sat.	14	9 ·63	23 ·79	22	16	Thur.	14	11 ·05 12 ·97	2 ·08	24
18	Wed.	15	9 ·72	18 ·25	22	18	Sun.	15	10 ·54	24 ·73	23	17	Fri.	15	13 ·89	3 ·02 4 ·99	25
19	Thur.	16	10 ·69	19 ·26	23	19	Mon.	16	11 ·44	25 ·67	24	18	Sat.	16	14 ·83	5 ·96	26
20	Fri.	17	11 ·64	20 ·24	24	20	Tues.	17	12 ·34	26 ·60	25	19	Sun.	17	A ·79	6 ·95	27
21	Sat.	18	12 ·57	21 ·22	25	21	Wed.	18	13 ·24	27 ·53	26	20	Mon.	18	1 ·76	7 ·97	28
22	Sun.	19	13 ·50	22 ·18	26	22	Thur.	19	14 ·14	1 ·46	27	21	Tues.	19	2 ·77	... ...	29
23	Mon.	20	14 ·41	23 ·12	27	23	Fri. ●	20	A ·05	2 ·40	28	22	Wed.	20	3 ·79	8 ·00	1
24	Tues.	21	A ·32	24 ·05 25 ·98	28	24	Sat.	21	1 ·96 2 ·89	3 ·35	29	23	Thur.	21	4 ·84	9 ·05	2
25	Wed.	22	1 ·22	26 ·91	29	25	Sun.	22	3 ·84	4 ·33	1	24	Fri.	22	5 ·89	10 ·12	3
26	Thur.	23	2 ·12	27 ·85	1	26	Mon.	23	4 ·81	5 ·31	2	25	Sat.	23	6 ·97	11 ·21	4
27	Fri.	24	3 ·02 4 ·03	1 ·79	2	27	Tues.	24	5 ·79	6 ·31	3	26	Sun.	24	... ...	12 ·31	5
28	Sat.	25	5 ·85	2 ·73	3	28	Wed.	25	6 ·79	7 ·38	4	27	Mon.	25	7 ·05	13 ·42	6
29	Sun.	26	6 ·77	3 ·68	4	29	Thur.	26	7 ·82	8 ·37	5	28	Tues.	26	8 ·18	14 ·53	7
1	Mon.	27	7 ·73	4 ·66	5	30	Fri.	27	8 ·86	9 ·44	6	29	Wed.	27	9 ·21	15 ·63	8
2	Tues.	28	8 ·70	5 ·86	6	31	Sat.	28	9 ·93	10 ·52	7	30	Thur.	28	10 ·27	16 ·71	9
3	Wed.	29	9 ·69	6 ·67	7	1	Sun.	29	... ...	11 ·61	8	31	Fri.	29	11 ·32	17 ·78	10
						2	Mon.	30	10 ·00	12 ·71	9	32	Sat.	30	12 ·35	18 ·84	11

Naksh:—1. Aswin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1688. **Kollam 864,** { **N. Malabar—Sep.** **Hijra 1100.** **Vikrama 1745.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 16.** **Bengal San. 1094.**
P—Paurnimā. **(N. Cycle) Bahudhānya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
1	Sun. 1	13 ·36	19 ·87	12	1	Sat. 1	2 ·84	26 ·30	15	2	Thur. 1	4 ·49	6 ·58	17
2	Mon. 2	14 ·35	20 ·88	13	2	Sun. 2	3 ·74	27 ·23	16	3	Fri. 2	5 ·46	7 ·57	18
3	Tues. 3	P ·32	21 ·87	14	3	Mon. 3	4 ·64	1 ·16	17	4	Sat. 3	6 ·44	8 ·58	19
4	Wed. 4	1 ·27	22 ·84	15	4	Tues. 4	5 ·55	2 ·09	18	5	Sun. 4	7 ·45	9 ·62	20
5	Thur. 5	2 ·20	23 ·80	16	5	Wed. 5	6 ·47	3 ·03 / 4 ·99	19	6	Mon. 5	8 ·47	10 ·66	21
6	Fri. 6	3 ·12	24 ·75	17	6	Thur. 6	7 ·40	5 ·95	20	7	Tues. 6	9 ·52	11 ·73	22
7	Sat. 7	4 ·03 / 5 ·93	25 ·69	18	7	Fri. 7	8 ·34	6 ·93	21	8	Wed. 7	10 ·58	12 ·82	23
8	Sun. 8	6 ·83	26 ·62	19	8	Sat. 8	9 ·30	7 ·93	22	9	Thur. 8	11 ·66	13 ·92	24
9	Mon. 9	7 ·73	27 ·55	20	9	Sun. 9	10 ·27	8 ·94	23	10	Fri. 9	12 ·75	... ...	25
10	Tues. 10	8 ·62	1 ·48	21	10	Mon. 10	11 ·26	9 ·98	24	11	Sat. 10	13 ·83	14 ·03	26
11	Wed. 11	9 ·52	2 ·41	22	11	Tues. 11	12 ·29	... ...	25	12	Sun. 11	14 ·91	15 ·14	27
12	Thur. 12	10 ·44	3 ·36	23	12	Wed. 12	13 ·33	10 ·05	26	13	Mon. 12	A ·98	16 ·24	28
13	Fri. 13	11 ·36	4 ·32	24	13	Thur. 13	14 ·39	11 ·13	27	14	Tues. 13	... ...	17 ·33	29
14	Sat. 14	12 ·30	5 ·29	25	14	Fri. 14	A ·46	12 ·22	28	15	Wed. 14	1 ·05	18 ·41	30
15	Sun. 15	13 ·26	6 ·28	26	15	Sat. 15	1 ·55	13 ·32	29	16	Thur. 15	2 ·09	19 ·46	1
16	Mon. 16	14 ·25	7 ·29	27	16	Sun. 16	2 ·63	14 ·42	30	17	Fri. 16	3 ·11	20 ·49	2
17	Tues. 17	A ·25	8 ·31	28	17	Mon. 17	3 ·71	15 ·53	1	18	Sat. 17	4 ·09	21 ·50	3
18	Wed. 18	1 ·27	9 ·36	29	18	Tues. 18	4 ·79	16 ·63	2	19	Sun. 18	5 ·07	22 ·49	4
19	Thur. 19	2 ·30	10 ·43	30	19	Wed. 19	5 ·84	17 ·71	3	20	Mon. 19	6 ·03 / 7 ·96	23 ·45	5
20	Fri. 20	3 ·36	11 ·52	1	20	Thur. 20	6 ·88	18 ·78	4	21	Tues. 20	8 ·89	24 ·43	6
21	Sat. 21	4 ·43	12 ·62	2	21	Fri. 21	7 ·90	19 ·82	5	22	Wed. 21	9 ·81	25 ·38	7
22	Sun. 22	5 ·51	13 ·72	3	22	Sat. 22	8 ·89	20 ·85	6	23	Thur. 22	10 ·71	26 ·32	8
23	Mon. 23	6 ·60	14 ·83	4	23	Sun. 23	9 ·87	21 ·85	7	24	Fri. 23	11 ·61	27 ·25	9
24	Tues. 24	7 ·68	15 ·93	5	24	Mon. 24	10 ·84	22 ·84	8	25	Sat. 24	12 ·51	1 ·18	10
25	Wed. 25	8 ·75	... ...	6	25	Tues. 25	11 ·76	23 ·80	9	26	Sun. 25	13 ·42	2 ·12	11
26	Thur. 26	9 ·79	16 ·02	7	26	Wed. 26	12 ·67	24 ·76	10	27	Mon. 26	14 ·33	3 ·05 / 4 ·99	12
27	Fri. 27	10 ·83	17 ·10	8	27	Thur. 27	13 ·58	25 ·71	11	28	Tues. 27	P ·24	5 ·95	13
28	Sat. 28	11 ·85	18 ·16	9	28	Fri. 28	14 ·49	26 ·64	12	29	Wed. 28	1 ·18	6 ·91	14
29	Sun. 29	12 ·83	19 ·20	10	29	Sat. ○ 29	P ·40	27 ·57	13	30	Thur. 29	2 ·13	7 ·91	15
30	Mon. 30	13 ·80	20 ·20	11	30	Sun. 30	1 ·30	1 ·50	14	1	Fri. 30	3 ·09	8 ·91	16
31	Tues. 31	14 ·75	21 ·19	12										
	Aug.					**Oct.**					**Dec.**			
1	Wed. 1	P ·69	22 ·18	13	1	Mon. 1	2 ·20	2 ·43	15	2	Sat. 1	4 ·08	9 ·93	17
2	Thur. 2	1 ·61	23 ·14	14	2	Tues. 2	3 ·11	3 ·37	16	3	Sun. 2	5 ·09	10 ·97	18
3	Fri. 3	2 ·52	24 ·08	15	3	Wed. 3	4 ·03 / 5 ·96	4 ·32	17	4	Mon. 3	6 ·11	... ...	19
4	Sat. 4	3 ·42	25 ·02 / 26 ·95	16	4	Thur. 4	6 ·90	5 ·28	18	5	Tues. 4	7 ·16	11 ·04	20
5	Sun. 5	4 ·32	27 ·89	17	5	Fri. 5	7 ·86	6 ·26	19	6	Wed. 5	8 ·23	12 ·13	21
6	Mon. 6	5 ·22	1 ·82	18	6	Sat. 6	8 ·84	7 ·25	20	7	Thur. 6	9 ·31	13 ·23	22
7	Tues. 7	6 ·12	2 ·76	19	7	Sun. 7	9 ·85	8 ·26	21	8	Fri. 7	10 ·40	14 ·33	23
8	Wed. 8	7 ·03 / 8 ·94	3 ·70	20	8	Mon. 8	10 ·86	9 ·30	22	9	Sat. 8	11 ·50	15 ·43	24
9	Thur. 9	9 ·86	4 ·65	21	9	Tues. 9	11 ·90	10 ·35	23	10	Sun. 9	12 ·57	16 ·54	25
10	Fri. 10	10 ·80	5 ·63	22	10	Wed. 10	12 ·96	11 ·43	24	11	Mon. 10	13 ·63	17 ·63	26
11	Sat. 11	11 ·76	6 ·61	23	11	Thur. 11	... ...	12 ·52	25	12	Tues. 11	14 ·69	18 ·71	27
12	Sun. 12	12 ·73	7 ·61	24	12	Fri. 12	13 ·04	13 ·62	26	13	Wed. 12	A ·73	19 ·77	28
13	Mon. 13	13 ·74	8 ·63	25	13	Sat. 13	14 ·12	14 ·73	27	14	Thur. 13	1 ·75	20 ·81	29
14	Tues. 14	14 ·76	9 ·67	26	14	Sun. 14	A ·21	15 ·84	28	15	Fri. 14	2 ·74	21 ·82	1
15	Wed. 15	A ·80	10 ·73	27	15	Mon. 15	1 ·30	16 ·94	29	16	Sat. 15	3 ·72	22 ·82	2
16	Thur. 16	1 ·87	11 ·82	28	16	Tues. 16	2 ·37	... ...	1	17	Sun. 16	4 ·67	23 ·80	3
17	Fri. 17	2 ·94	12 ·92	29	17	Wed. 17	3 ·43	17 ·02	2	18	Mon. 17	5 ·61	24 ·77	4
18	Sat. 18	... ...	... ...	1	18	Thur. 18	4 ·46	18 ·09	3	19	Tues. 18	6 ·53	25 ·72	5
19	Sun. 19	3 ·01	13 ·02	2	19	Fri. 19	5 ·48	19 ·14	4	20	Wed. 19	7 ·44	26 ·65	6
20	Mon. 20	4 ·10	14 ·13	3	20	Sat. 20	6 ·47	20 ·17	5	21	Thur. 20	8 ·35	27 ·59	7
21	Tues. 21	5 ·18	15 ·23	4	21	Sun. 21	7 ·45	21 ·16	6	22	Fri. 21	9 ·25	1 ·53	8
22	Wed. 22	6 ·25	16 ·33	5	22	Mon. 22	8 ·42	22 ·17	7	23	Sat. 22	10 ·15	2 ·46	9
23	Thur. 23	7 ·30	17 ·41	6	23	Tues. 23	9 ·35	23 ·13	8	24	Sun. 23	11 ·06 / 12 ·97	3 ·39	10
24	Fri. 24	8 ·34	18 ·47	7	24	Wed. 24	10 ·27	24 ·10	9	25	Mon. 24	13 ·88	4 ·33	11
25	Sat. 25	9 ·36	19 ·51	8	25	Thur. 25	11 ·18	25 ·04 / 26 ·98	10	26	Tues. 25	14 ·82	5 ·28	12
26	Sun. 26	10 ·34	20 ·52	9	26	Fri. 26	12 ·09 / 13 ·99	27 ·91	11	27	Wed. 26	P ·77	6 ·25	13
27	Mon. 27	11 ·32	21 ·53	10						28	Thur. 27	1 ·73	7 ·23	14
28	Tues. 28	12 ·28	22 ·51	11	27	Sat. 27	14 ·89	1 ·84	12	29	Fri. 28	2 ·72	8 ·23	15
29	Wed. 29	13 ·21	23 ·47	12	28	Sun. 28	P ·79	2 ·77	13	1	Sat. 29	3 ·73	9 ·25	16
30	Thur. 30	14 ·13	24 ·42	13	29	Mon. 29	1 ·70	3 ·72	14	2	Sun. 30	4 ·76	10 ·28	17
31	Fri. 31	P ·04 / 1 ·94	25 ·36	14	30	Tues. 30	2 ·62	4 ·66	15	3	Mon. 31	5 ·81	11 ·35	18
					1	Wed. 31	3 ·55	5 ·62	16					

Vibhava. **Karkataka—Ādi.** *Bahula.* *Sukla.* *Vibhava.* **Kanyā—Purattāśi.** *Bahula.* *Sukla.* *Vibhava.* **Vṛiśchika—Kārttigai.** *Sukla.* *Bahula.*

Vibhava. **Simha—Avaṇi.** *Bahula.* *Sukla.* *Vibhava.* **Tulā—Aippaśi.** *Sukla.* *Bahula.* *Vibhava.* **Dhanus—Mārgaḷi.** *Bahula.* *Sukla.*

H. 1099 *Ramaẓān.* *H.* 1099 *Shawwāl.* *H.* 1099 *Zī-l-ka'da.* *H.* 1099 *Zī-l-ḥijja.* *H.* 1100 *Muharram.* *H.* 1100 *Ṣafar.* *H.* 1100 *Rabī-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1689. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·02.** **Śaka 1611.** **Kaliyuga 4790.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·93.** **(S. Cycle) Śukla.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Vibhava. **Makara—Tai.**	**Jan.**		*Bahula.*			*Vibhava.* **Mīna—Paṅguni.**	**March.**		*Bahula.*			*Śukla.* **Vrishabha—Vaigāśi.**	**May.**		*Bahula.*		
4	Tues.	1	6 ·87	12 ·43	19	3	Fri.	1	5 ·40	16 ·44	19	3	Wed.	1	7 ·70	22 ·44	21
5	Wed.	2	7 ·95	13 ·52	20	4	Sat.	2	6 ·48	17 ·54	20	4	Thur.	2	8 ·66	23 ·44	22
6	Thur.	3	... ...	14 ·62	21	5	Sun.	3	7 ·54	18 ·63	21	5	Fri.	3	9 ·60	24 ·43	23
7	Fri.	4	8 ·05	15 ·73	22	6	Mon.	4	8 ·58	19 ·70	22	6	Sat.	4	10 ·53	25 ·39	24
8	Sat.	5	9 ·14	16 ·84	23	7	Tues.	5	9 ·62	20 ·76	23	7	Sun.	5	11 ·46	26 ·35	25
9	Sun.	6	10 ·22	17 ·94	24	8	Wed.	6	10 ·62	21 ·79	24	8	Mon.	6	12 ·36	27 ·29	26
10	Mon.	7	11 ·29	... ...	25	9	Thur.	7	11 ·61	22 ·80	25	9	Tues.	7	13 ·26	1 ·22	27
11	Tues.	8	12 ·34	18 ·02	26	10	Fri.	8	12 ·57	23 ·79	26	10	Wed.	8	14 ·16	2 ·16	28
12	Wed.	9	13 ·38	19 ·08	27	11	Sat.	9	13 ·52	24 ·76	27				A ·06		
13	Thur.	10	14 ·39	20 ·12	28	12	Sun.	10	14 ·46	25 ·73	28	11	Thur.	9	1 ·96	3 ·09	29
14	Fri.	11	A ·38	21 ·14	29	13	Mon.	11	A ·39	26 ·67	29					4 ·02	
15	Sat.	12	1 ·36	22 ·15	30	14	Tues.	12	1 ·30	27 ·61	30	12	Fri.	10	2 ·87	5 ·96	30
16	Sun.	13	2 ·30	23 ·13	1	15	Wed.	13	2 ·20	1 ·54	1	*Śukla.*					
17	Mon.	14	3 ·24	24 ·10	2	16	Thur.	14	3 ·09	2 ·48	2	13	Sat.	11	3 ·78	6 ·91	1
				25 ·05					4 ·99			14	Sun.	12	4 ·72	7 ·88	2
18	Tues.	15	4 ·16	26 ·99	3	17	Fri.	15	5 ·90	3 ·40	3	15	Mon.	13	5 ·67	8 ·85	3
19	Wed.	16	5 ·08	27 ·93	4	18	Sat.	16	6 ·81	4 ·34	4	16	Tues.	14	6 ·63	9 ·85	4
			6 ·98			19	Sun.	17	7 ·73	5 ·28	5	17	Wed.	15	7 ·61	10 ·86	5
20	Thur.	17	7 ·88	1 ·86	5	20	Mon.	18	8 ·66	6 ·24	6	18	Thur.	16	8 ·61	11 ·90	6
21	Fri.	18	8 ·78	2 ·79	6	21	Tues.	19	9 ·61	7 ·21	7	19	Fri.	17	9 ·64	12 ·96	7
22	Sat.	19	9 ·69	3 ·73	7	22	Wed.	20	10 ·58	8 ·19	8	20	Sat.	18	10 ·69	... ...	8
23	Sun.	20	10 ·60	4 ·66	8	23	Thur.	21	11 ·56	9 ·21	9	21	Sun.	19	11 ·75	13 ·04	9
24	Mon.	21	11 ·52	5 ·61	9	24	Fri.	22	12 ·57	10 ·23	10	22	Mon.	20	12 ·83	14 ·13	10
25	Tues.	22	12 ·46	6 ·58	10	25	Sat.	23	13 ·60	11 ·28	11	23	Tues.	21	13 ·91	15 ·23	11
26	Wed.	23	13 ·41	7 ·56	11	26	Sun.	24	14 ·65	12 ·34	12	24	Wed.	22	14 ·99	16 ·34	12
27	Thur.	24	14 ·37	8 ·55	12	27	Mon. ○	25	P ·72	13 ·42	13	25	Thur.	23	... ...	17 ·45	13
28	Fri.	25	P ·37	9 ·56	13	28	Tues.	26	1 ·80	14 ·53	14	26	Fri.	24	P ·07	18 ·55	14
29	Sat.	26	1 ·38	10 ·60	14	29	Wed.	27	2 ·89	15 ·64	15	27	Sat.	25	1 ·14	19 ·63	15
—30	Sun.	27	2 ·41	11 ·66	15	—30	Thur.	28	3 ·97	16 ·74	16	28	Sun.	26	2 ·17	20 ·69	16
1	Mon.	28	3 ·45	12 ·73	16	1	Fri.	29	... ...	17 ·84	17	29	Mon.	27	3 ·19	21 ·74	17
2	Tues.	29	4 ·52	13 ·82	17	2	Sat.	30	4 ·05	18 ·93	18	30	Tues.	28	4 ·21	22 ·76	18
3	Wed.	30	5 ·60	14 ·92	18	3	Sun.	31	5 ·11	... ...	19	—31	Wed.	29	5 ·19	23 ·78	19
4	Thur.	31	6 ·70	... ...	19							1	Thur.	30	6 ·16	24 ·76	20
												2	Fri.	31	7 ·11	25 ·73	21
	Feb.						**April.**						**June.**				
5	Fri.	1	7 ·78	15 ·03	20	4	Mon.	1	6 ·15	19 ·02	20	3	Sat.	1	8 ·04	26 ·68	22
6	Sat.	2	8 ·86	16 ·14	21	5	Tues.	2	7 ·18	20 ·07	21				9 ·96		
7	Sun.	3	9 ·93	17 ·24	22	6	Wed.	3	8 ·19	21 ·11	22	4	Sun.	2	10 ·86	27 ·62	23
8	Mon.	4	10 ·98	18 ·33	23	7	Thur.	4	9 ·17	22 ·12	23	5	Mon.	3	11 ·76	1 ·57	24
9	Tues.	5	... ...	19 ·39	24	8	Fri.	5	10 ·13	23 ·12	24	6	Tues.	4	12 ·66	2 ·50	25
10	Wed.	6	11 ·01	20 ·44	25	9	Sat.	6	11 ·08	24 ·10	25	7	Wed.	5	13 ·56	3 ·43	26
11	Thur.	7	12 ·02	21 ·46	26				12 ·01			8	Thur.	6	14 ·46	4 ·36	27
			13 ·02			10	Sun.	7	13 ·94	25 ·06	26	9	Fri.	7	A ·37	5 ·29	28
12	Fri.	8	14 ·99	22 ·48	27					26 ·01		10	Sat.	8	1 ·28	6 ·25	—29
13	Sat.	9	A ·93	23 ·46	28	11	Mon.	8	14 ·85	27 ·95	27	11	Sun.	9	2 ·21	7 ·21	1
14	Sun.	10	1 ·86	24 ·43	—29	12	Tues.	9	A ·75	1 ·88	28	12	Mon.	10	3 ·15	8 ·18	2
15	Mon.	11	2 ·78	25 ·39	1	13	Wed.	10	1 ·65	2 ·81	—29	13	Tues.	11	4 ·11	9 ·17	3
16	Tues.	12	3 ·70	26 ·34	2	14	Thur.	11	2 ·55	3 ·75	1	14	Wed.	12	5 ·09	10 ·18	4
17	Wed.	13	4 ·61	27 ·27	3	15	Fri.	12	3 ·45	4 ·68	2	15	Thur.	13	6 ·09	11 ·22	5
18	Thur.	14	5 ·51	1 ·20	4	16	Sat.	13	4 ·35	5 ·62	3	16	Fri.	14	7 ·12	12 ·27	6
19	Fri.	15	6 ·41	2 ·13	5	17	Sun.	14	5 ·27	6 ·57	4	17	Sat.	15	8 ·16	13 ·34	7
20	Sat.	16	7 ·31	3 ·06	6	18	Mon.	15	6 ·21	7 ·54	5	18	Sun.	16	9 ·23	14 ·43	8
				4 ·00		19	Tues.	16	7 ·16	8 ·53	6	19	Mon.	17	10 ·30	15 ·53	9
21	Sun.	17	8 ·22	5 ·95	7	20	Wed.	17	8 ·12	9 ·53	7	20	Tues.	18	11 ·37	16 ·63	10
22	Mon.	18	9 ·14	6 ·92	8	21	Thur.	18	9 ·10	10 ·55	8	21	Wed.	19	12 ·46	17 ·75	11
23	Tues.	19	10 ·08	7 ·88	9	22	Fri.	19	10 ·11	11 ·59	9	22	Thur.	20	13 ·54	18 ·85	12
24	Wed.	20	11 ·03	8 ·87	10	23	Sat.	20	11 ·13	12 ·65	10	23	Fri.	21	14 ·61	19 ·94	13
			12 ·00			24	Sun.	21	12 ·18	13 ·74	11	24	Sat.	22	P ·65	.. ..	14
25	Thur.	21	13 ·98	9 ·88	11	25	Mon.	22	13 ·24	14 ·83	12	25	Sun.	23	1 ·68	20 ·00	15
26	Fri.	22	14 ·99	10 ·92	12	26	Tues.	23	14 ·33	15 ·93	13	26	Mon.	24	2 ·69	21 ·05	16
27	Sat.	23	... ...	11 ·97	13	27	Wed.	24	P ·42	.. ...	14	27	Tues.	25	3 ·67	22 ·09	17
28	Sun.	24	P ·02	... ...	14	28	Thur.	25	1 ·50	16 ·04	15	28	Wed.	26	4 ·64	23 ·10	18
29	Mon.	25	1 ·06	12 ·04	15	29	Fri.	26	2 ·57	17 ·14	16	29	Thur.	27	5 ·58	24 ·09	19
—30	Tues.	26	2 ·13	13 ·12	16	30	Sat.	27	3 ·63	18 ·24	17	30	Fri.	28	6 ·51	25 ·08	20
1	Wed.	27	3 ·23	14 ·22	17	—31	Sun.	28	4 ·68	19 ·32	18	31	Sat.	29	7 ·43	26 ·02	21
2	Thur.	28	4 ·32	15 ·34	18	1	Mon.	29	5 ·70	20 ·38	19					27 ·97	
						2	Tues.	30	6 ·72	21 ·42	20	—32	Sun.	30	8 ·34	1 ·91	22

Vibhava. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Śukla.* **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* **Mithuna—Āni.** *Śukla.* **Āshādha.** *Bahula.*

H. 1100 *Rabī-ul awwal.* *H.* 1100 *Rabī-ul ākhir.* *H.* 1100 *Jamāda'l awwal.* *H.* 1100 *Jamāda'l ākhir.* *H.* 1100 *Rajab.* *H.* 1100 *Sha'bān.* *H.* 1100 *Ramazān.*

Naksh :—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1689. **Kollam 865,** { **N. Malabar—Sep.** **Hijra 1101.** **Vikrama 1746.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 5.** **Bengal San. 1095.**
P—Paurnimā. **(N. Cycle) Pramāthin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Mon.	1	9 ·24	2 ·84	23		Sun.	1	13 ·60	9 ·15	26		Fri.	1	—**A** ·96	15 ·04	28
	Tues.	2	10 ·14	3 ·76	24		Mon.	2	14 ·58	10 ·14	27		Sat.	2	... ..	16 ·14	29
	Wed.	3	11 ·04 / 12 ·94	4 ·70	25		Tues.	3	—**A** ·59	11 ·16	28		Sun.	3	1 ·04	17 ·25	—30
	Thur.	4	13 ·85	5 ·64	26		Wed.	4	1 ·60	12 ·20	29		Mon.	4	2 ·13	18 ·36	1
	Fri.	5	14 ·76	6 ·58	27		Thur.	5	2 ·65	13 ·26	—30		Tues.	5	3 ·21	19 ·46	2
	Sat.	6	—**A** ·69	7 ·54	28		Fri.	6	3 ·71	14 ·34	1		Wed.	6	4 ·29	20 ·54	3
	Sun.	7	1 ·63	8 ·51	29		Sat.	7	4 ·79	15 ·44	2		Thur.	7	5 ·33	21 ·62	4
	Mon.	8	2 ·59	9 ·49	—30		Sun.	8	5 ·88	16 ·54	3		Fri.	8	6 ·38	22 ·67	5
	Tues.	9	3 ·57	10 ·50	1		Mon.	9	6 ·96	17 ·64	4		Sat.	9	7 ·39	23 ·71	6
	Wed.	10	4 ·57	11 ·53	2		Tues.	10	... ...	18 ·75	5		Sun.	10	8 ·38	24 ·72	7
	Thur.	11	5 ·60	12 ·58	3		Wed.	11	7 ·03	19 ·85	6		Mon.	11	9 ·36	25 ·71	8
	Fri.	12	6 ·64	13 ·65	4		Thur.	12	8 ·10	20 ·94	7		Tues.	12	10 ·31	26 ·68	9
	Sat.	13	7 ·70	14 ·73	5		Fri.	13	9 ·16	... ...	8		Wed.	13	11 ·25	27 ·64	10
	Sun.	14	8 ·77	15 ·83	6		Sat.	14	10 ·19	21 ·00	9		Thur.	14	12 ·18	1 ·60	11
	Mon.	15	9 ·85	16 ·94	7		Sun.	15	11 ·20	22 ·04	10		Fri.	15	13 ·09	2 ·54	12
	Tues.	16	10 ·93	... ...	8		Mon.	16	12 ·19	23 ·06	11		Sat.	16	14 ·00 / **P** ·90	3 ·47	13
	Wed.	17	... ...	17 ·05	9		Tues.	17	13 ·17	24 ·07	12		Sun.	17	1 ·80	4 ·40	14
	Thur.	18	11 ·02	18 ·15	10		Wed.○	18	14 ·12	25 ·06	13		Mon.	18	2 ·70	5 ·33	15
	Fri.	19	12 ·08	19 ·24	11		Thur.	19	**P** ·05 / 1 ·98	26 ·02 / 27 ·97	14		Tues.	19	3 ·61	6 ·27	16
	Sat.	20	13 ·12	20 ·31	12		Fri.	20	2 ·89	1 ·92	15		Wed.	20	4 ·53	7 ·21	17
	Sun.	21	14 ·16	21 ·37	13		Sat.	21	3 ·79	2 ·85	16		Thur.	21	5 ·46	8 ·17	18
	Mon.	22	**P** ·17	22 ·41	14		Sun.	22	4 ·69	3 ·79	17		Fri.	22	6 ·41	9 ·13	19
	Tues.	23	1 ·15	23 ·42	15		Mon.	23	5 ·59	4 ·72	18		Sat.	23	7 ·38	10 ·12	20
	Wed.	24	2 ·12	24 ·41	16		Tues.	24	6 ·49	5 ·65	19		Sun.	24	8 ·36	11 ·13	21
	Thur.	25	3 ·07	25 ·38	17		Wed.	25	7 ·39	6 ·59	20		Mon.	25	9 ·37	12 ·15	22
	Fri.	26	4 ·01 / 5 ·92	26 ·35	18		Thur.	26	8 ·32	7 ·54	21		Tues.	26	10 ·41	13 ·19	23
	Sat.	27	6 ·83	27 ·30	19		Fri.	27	9 ·25	8 ·50	22		Wed.	27	11 ·46	14 ·26	24
	Sun.	28	7 ·73	1 ·24	20		Sat.	28	10 ·20	9 ·48	23		Thur.	28	12 ·52	15 ·34	25
	Mon.	29	8 ·63	2 ·17	21		Sun.	29	11 ·16	10 ·47	24	——	Fri.	29	13 ·59	16 ·43	26
	Tues.	30	9 ·53	3 ·10	22		Mon.	30	12 ·14	11 ·48	25	1	Sat.	30	14 ·67	17 ·54	27
——	Wed.	31	10 ·43	4 ·04 / 5 ·98	23												
	Aug.						**Oct.**						**Dec.**				
	Thur.	1	11 ·34	6 ·92	24	——	Tues.	1	13 ·15	12 ·51	26		Sun.	1	—**A** ·76	18 ·65	28
	Fri.	2	12 ·25	7 ·87	25		Wed.	2	14 ·17	13 ·58	27		Mon.	2	1 ·86	19 ·76	—29
	Sat.	3	13 ·18	8 ·84	26		Thur.	3	—**A** ·22	14 ·65	28		Tues.	3	2 ·93	20 ·85	1
	Sun.	4	14 ·12	9 ·82	27		Fri.	4	1 ·27	15 ·74	—29		Wed.	4	3 ·98	21 ·92	2
	Mon.	5	—**A** ·08	10 ·83	28		Sat.	5	2 ·35	16 ·84	1		Thur.	5	... ..	22 ·99	3
	Tues.	6	1 ·06	11 ·85	—29		Sun.	6	3 ·45	17 ·94	2		Fri.	6	4 ·02	... ...	4
	Wed.	7	2 ·07	12 ·89	1		Mon.	7	4 ·53	... ...	3		Sat.	7	5 ·03	23 ·03	5
	Thur.	8	3 ·08	13 ·95	2		Tues.	8	5 ·60	18 ·06	4		Sun.	8	6 ·02	24 ·04	6
	Fri.	9	4 ·13	... ...	3		Wed.	9	6 ·67	19 ·16	5		Mon.	9	7 ·00 / 8 ·95	25 ·04	7
	Sat.	10	5 ·19	14 ·03	4		Thur.	10	7 ·73	20 ·24	6		Tues.	10	9 ·88	26 ·02 / 27 ·99	8
	Sun.	11	6 ·26	15 ·13	5		Fri.	11	8 ·76	21 ·31	7		Wed.	11	10 ·80	1 ·93	9
	Mon.	12	7 ·35	16 ·24	6		Sat.	12	9 ·79	22 ·35	8		Thur.	12	11 ·72	2 ·87	10
	Tues.	13	8 ·43	17 ·35	7		Sun.	13	10 ·77	23 ·38	9		Fri.	13	12 ·62	3 ·81	11
	Wed.	14	9 ·51	18 ·45	8		Mon.	14	11 ·75	24 ·41	10		Sat.	14	13 ·52	4 ·74	12
	Thur.	15	10 ·57	19 ·54	9		Tues.	15	12 ·70	25 ·38	11		Sun.	15	14 ·43	5 ·68	13
	Fri.	16	11 ·62	20 ·63	10		Wed.	16	13 ·64	26 ·35	12		Mon.	16	**P** ·84	6 ·61	14
	Sat.	17	12 ·65	21 ·69	11		Thur.	17	14 ·56	27 ·31	13		Tues.	17	1 ·25	7 ·55	15
	Sun.	18	13 ·67	22 ·73	12		Fri.	18	**P** ·47	1 ·26	14		Wed.	18	2 ·17	8 ·50	16
	Mon.	19	14 ·66	23 ·74	13		Sat.	19	1 ·38	2 ·20	15		Thur.	19	3 ·10	9 ·46	17
	Tues.	20	**P** ·62	24 ·74	14		Sun.	20	2 ·28	3 ·13	16		Fri.	20	4 ·05	10 ·44	18
	Wed.	21	1 ·57	25 ·73	15					4 ·08			Sat.	21	5 ·03	11 ·45	19
	Thur.	22	2 ·51	26 ·69	16		Mon.	21	3 ·18	5 ·99	17		Sun.	22	6 ·01	12 ·47	20
	Fri.	23	3 ·44	27 ·64	17				4 ·03 / 5 ·99	6 ·92			Mon.	23	7 ·02	13 ·50	21
	Sat.	24	4 ·35	1 ·58	18		Tues.	22			18		Tues.	24	8 ·05	14 ·56	22
	Sun.	25	5 ·25	2 ·51	19		Wed.	23	6 ·91	7 ·87	19		Wed.	25	9 ·10	15 ·64	23
	Mon.	26	6 ·15	3 ·44	20		Thur.	24	7 ·84	8 ·83	20		Thur.	26	10 ·17	16 ·74	24
	Tues.	27	7 ·05 / 8 ·95	4 ·38	21		Fri.	25	8 ·79	9 ·80	21		Fri.	27	11 ·25	17 ·85	25
	Wed.	28	9 ·85	5 ·31	22		Sat.	26	9 ·75	10 ·79	22		Sat.	28	12 ·34	18 ·96	26
	Thur.	29	10 ·77	6 ·25	23		Sun.	27	~~10 ·74~~	11 ·80	23	——	Sun.	29	13 ·43	... ...	27
	Fri.	30	11 ·70	7 ·20	24		Mon.	28	11 ·74	12 ·84	24	1	Mon.	30	14 ·51	19 ·06	28
——	Sat.	31	12 ·65	8 ·16	25		Tues.	29	~~12 ·76~~	13 ·89	25						
							Wed.	30	~~13 ·81~~	~~14 ·95~~	26						
						——	Thur.	31	14 ·88	... ...	27		Tues.	31	—**A** ·58	20 ·15	29

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1690. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·28.** **Śaka 1612.** **Kaliyuga 4791.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·19.** **(S. Cycle) Pramoda.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
3	Wed. 1	1 ·63	21 ·24	—30
4	Thur. 2	2 ·66	22 ·30	1
5	Fri. 3	3 ·67	23 ·34	2
6	Sat. 4	4 ·67	24 ·36	3
7	Sun. 5	5 ·64	25 ·36	4
8	Mon. 6	6 ·59	26 ·34	5
9	Tues. 7	7 ·52	27 ·32	6
10	Wed. 8	8 ·45	1 ·27	7
11	Thur. 9	9 ·36	2 ·21	8
12	Fri. 10	10 ·26	3 ·14	9
13	Sat. 11	11 ·16	4 ·08	10
14	Sun. 12	12 ·06	5 ·01	11
		13 ·97	6 ·95	
15	Mon. 13	14 ·88	7 ·88	12
16	Tues. 14	15 ·81	8 ·83	13
17	Wed. 15	P 1 ·74	9 ·79	14
18	Thur. 16	2 ·69	10 ·78	15
19	Fri. 17	3 ·67	11 ·77	16
20	Sat. 18	4 ·65	12 ·78	17
21	Sun. 19	5 ·66	13 ·82	18
22	Mon. 20	6 ·69	14 ·87	19
23	Tues. 21	7 ·75	15 ·95	20
24	Wed. 22	8 ·82	... ...	21
25	Thur. 23	9 ·90	16 ·04	22
26	Fri. 24	10 ·99	17 ·14	23
27	Sat. 25	... ...	18 ·25	24
28	Sun. 26	11 ·08	19 ·36	25
—29	Mon. 27	12 ·16	20 ·46	26
1	Tues. 28	13 ·22	21 ·55	27
2	Wed. 29	14 ·27	22 ·61	28
3	Thur. 30	—A ·30	23 ·66	—29
4	Fri. 31	1 ·32	24 ·68	1
	Feb.			
5	Sat. 1	2 ·30	25 ·70	2
6	Sun. 2	3 ·27	26 ·68	3
7	Mon. 3	4 ·21	27 ·65	4
8	Tues. 4	5 ·15	1 ·60	5
9	Wed. 5	6 ·07	2 ·55	6
		7 ·98		
10	Thur. 6	8 ·89	3 ·48	7
11	Fri. 7	9 ·80	4 ·42	8
12	Sat. 8	10 ·70	5 ·36	9
13	Sun. 9	11 ·60	6 ·28	10
14	Mon. 10	12 ·50	7 ·22	11
15	Tues. 11	13 ·42	8 ·16	12
16	Wed. 12	14 ·46	9 ·13	13
17	Thur. 13	P ·32	10 ·10	14
18	Fri. 14	1 ·29	11 ·09	15
19	Sat. 15	2 ·28	12 ·10	16
20	Sun. 16	3 ·28	13 ·13	17
21	Mon. 17	4 ·32	14 ·19	18
22	Tues. 18	5 ·37	15 ·26	19
23	Wed. 19	6 ·44	16 ·34	20
24	Thur. 20	7 ·53	17 ·44	21
25	Fri. 21	8 ·62	18 ·55	22
26	Sat. 22	9 ·70	19 ·66	23
27	Sun. 23	10 ·77	20 ·76	24
28	Mon. 24	11 ·83	21 ·85	25
29	Tues. 25	12 ·89	22 ·92	26
—30	Wed. 26	13 ·92	23 ·97	27
1	Thur. 27	14 ·93	... ...	28
2	Fri. 28	—A ·91	24 ·01	29

Śukla. **Makara—Tai.** **Kumbha—Māṡi.** *Śukla.* **Phālguna.** *Bahula.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
3	Sat. 1	1 ·87	25 ·02	—30
4	Sun. 2	2 ·82	26 ·01	1
			27 ·98	
5	Mon. 3	3 ·75	1 ·94	2
6	Tues. 4	4 ·67	2 ·88	3
7	Wed. 5	5 ·58	3 ·83	4
8	Thur. 6	6 ·49	4 ·76	5
9	Fri. 7	7 ·39	5 ·69	6
10	Sat. 8	8 ·29	6 ·62	7
11	Sun. 9	9 ·19	7 ·56	8
12	Mon. 10	10 ·10	8 ·51	9
13	Tues. 11	11 ·03	9 ·46	10
		12 ·96		
14	Wed. 12	13 ·92	10 ·43	11
15	Thur. 13	14 ·88	11 ·41	12
16	Fri.○ 14	P ·87	12 ·42	13
17	Sat. 15	1 ·87	13 ·45	14
18	Sun. 16	2 ·91	14 ·50	15
19	Mon. 17	3 ·96	15 ·56	16
20	Tues. 18	... ...	16 ·64	17
21	Wed. 19	4 ·03	17 ·74	18
22	Thur. 20	5 ·11	18 ·86	19
23	Fri. 21	6 ·20	19 ·96	20
24	Sat. 22	7 ·29	... ...	21
25	Sun. 23	8 ·36	20 ·06	22
26	Mon. 24	9 ·42	21 ·15	23
27	Tues. 25	10 ·47	22 ·23	24
28	Wed. 26	11 ·50	23 ·28	25
29	Thur. 27	12 ·50	24 ·33	26
—30	Fri. 28	13 ·48	25 ·34	27
1	Sat. 29	14 ·44	26 ·33	28
2	Sun. 30	—A ·39	27 ·31	—29
3	Mon. 31	1 ·32	1 ·27	1
	April.			
4	Tues. 1	2 ·24	2 ·22	2
5	Wed. 2	3 ·15	3 ·17	3
6	Thur. 3	4 ·05	* ·10	4
		5 ·95		
7	Fri. 4	6 ·85	5 ·03	5
			6 ·96	
8	Sat. 5	7 ·75	7 ·90	6
9	Sun. 6	8 ·66	8 ·84	7
10	Mon. 7	9 ·58	9 ·79	8
11	Tues. 8	10 ·51	10 ·76	9
12	Wed. 9	11 ·47	11 ·74	10
13	Thur. 10	12 ·43	12 ·75	11
14	Fri. 11	13 ·42	13 ·77	12
15	Sat. 12	14 ·42	14 ·81	13
16	Sun. 13	P ·45	15 ·87	14
17	Mon. 14	1 ·50	16 ·95	15
18	Tues 15	2 ·57	... ...	16
19	Wed. 16	3 ·66	17 ·05	17
20	Thur. 17	4 ·75	18 ·15	18
21	Fri. 18	5 ·83	19 ·26	19
22	Sat. 19	6 ·89	20 ·36	20
23	Sun. 20	7 ·95	21 ·46	21
24	Mon. 21	... ...	22 ·53	22
25	Tues. 22	8 ·00	23 ·60	23
26	Wed. 23	9 ·03	24 ·64	24
27	Thur. 24	10 ·03	25 ·66	25
28	Fri. 25	11 ·02	26 ·66	26
		12 ·98		
29	Sat. 26	13 ·92	27 ·64	27
30	Sun. 27	14 ·85	1 ·61	28
—31	Mon. 28	—A ·76	2 ·57	29
1	Tues. 29	1 ·67	3 ·51	—30
2	Wed. 30	2 ·57	4 ·44	1

Śukla. **Mīna—Paṅguni.** *Pramoda.* **Mēsha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* **Adhika Vaiśākha.** *Śukla.* *Bahula.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
3	Thur. 1	3 ·47	5 ·37	2
4	Fri. 2	4 ·37	6 ·31	3
5	Sat. 3	5 ·27	7 ·24	4
6	Sun. 4	6 ·18	8 ·18	5
7	Mon. 5	7 ·10	9 ·13	6
8	Tues. 6	8 ·03	10 ·09	7
		9 ·98		
9	Wed. 7	10 ·95	11 ·07	8
10	Thur. 8	11 ·93	12 ·07	9
11	Fri. 9	12 ·94	13 ·08	10
12	Sat. 10	13 ·97	14 ·12	11
13	Sun. 11	... ...	15 ·17	12
14	Mon. 12	14 ·01	16 ·25	13
15	Tues. 13	P ·08	17 ·35	14
16	Wed. 14	1 ·16	18 ·45	15
17	Thur. 15	2 ·25	19 ·56	16
18	Fri. 16	3 ·33	20 ·67	17
19	Sat. 17	4 ·40	21 ·78	18
20	Sun. 18	5 ·47	22 ·86	19
21	Mon. 19	6 ·51	23 ·92	20
22	Tues. 20	7 ·53	24 ·96	21
23	Wed. 21	8 ·53	25 ·98	22
24	Thur. 22	9 ·52	26 ·99	23
25	Fri. 23	10 ·48	27 ·98	24
26	Sat. 24	11 ·43	1 ·95	25
27	Sun. 25	12 ·36	2 ·90	26
28	Mon. 26	13 ·27	3 ·84	27
29	Tues. 27	14 ·17	4 ·78	28
30	Wed. 28	A ·07	5 ·72	—29
		1 ·97		
31	Thur. 29	2 ·87	6 ·65	1
—32	Fri. 30	3 ·77	7 ·58	2
1	Sat. 31	4 ·68	8 ·51	3
	June.			
2	Sun. 1	5 ·59	9 ·46	4
3	Mon. 2	6 ·52	10 ·43	5
4	Tues. 3	7 ·47	11 ·40	6
5	Wed. 4	8 ·44	12 ·39	7
6	Thur. 5	9 ·42	13 ·40	8
7	Fri. 6	10 ·42	14 ·43	9
8	Sat. 7	11 ·45	15 ·48	10
9	Sun. 8	12 ·50	16 ·55	11
10	Mon. 9	13 ·55	17 ·65	12
11	Tues. 10	14 ·63	18 ·75	13
12	Wed. 11	P ·72	19 ·86	14
13	Thur. 12	1 ·80	20 ·96	15
14	Fri. 13	2 ·87	... ...	16
15	Sat. 14	3 ·94	21 ·07	17
16	Sun. 15	4 ·98	22 ·16	18
17	Mon. 16	... ...	23 ·22	19
18	Tues. 17	5 ·01	24 ·27	20
19	Wed. 18	6 ·02	25 ·30	21
		7 ·99		
20	Thur. 19	8 ·95	26 ·32	22
21	Fri. 20	9 ·90	27 ·31	23
22	Sat. 21	10 ·84	1 ·28	24
23	Sun. 22	11 ·75	2 ·23	25
24	Mon. 23	12 ·66	3 ·18	26
25	Tues. 24	13 ·57	4 ·11	27
26	Wed. 25	14 ·46	5 ·05	28
			6 ·98	
27	Thur. 26	—A ·35	7 ·91	29
28	Fri. 27	1 ·25	8 ·85	—30
29	Sat. 28	2 ·15	9 ·79	1
30	Sun. 29	3 ·07	10 ·76	2
—31	Mon. 30	4 ·00	11 ·73	3
		5 ·95		

Pramoda. **Vṛishabha—Vaigāṡi.** *Śukla.* **Jyeshtha.** *Bahula.* *Pramoda.* **Mithuna—Āni.** *Śukla.* **Nija Vaiśākha.** *Bahula.* *H.* 1101 *Jamāda'l ākhir.* *H.* 1101 *Rajab.* *H.* 1101 *Sha'bān.* *H.* 1101 *Ramazān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1690. **Kollam 866,** { **N. Malabar—Sep.** **Hijra 1102.** **Vikrama 1747.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 25.** **Bengal San. 1096.**
P—Paurnimā. **(N. Cycle) Vikrama.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Tues.	1	6 ·91	12 ·71	4	—31	Mon.	1	8 ·10	19 ·76	7	1	Sat.	1	10 ·68	25 ·89	8
2	Wed.	2	7 ·89	13 ·72	5	1	Tues.	2	9 ·18	20 ·87	8	2	Sun.	2	11 ·68	26 ·92	9
3	Thur.	3	8 ·90	14 ·74	6	2	Wed.	3	10 ·27	21 ·97	9	3	Mon.	3	12 ·67	27 ·94	10
4	Fri.	4	9 ·92	15 ·80	7	3	Thur.	4	11 ·35	... ...	10	4	Tues.	4	13 ·64	1 ·93	11
5	Sat.	5	10 ·97	16 ·87	8	4	Fri.	5	12 ·42	22 ·07	11	5	Wed.	5	14 ·60	2 ·90	12
6	Sun.	6	... ...	17 ·95	9	5	Sat.	6	13 ·47	23 ·15	12	6	Thur.	6	P ·53	3 ·86	13
7	Mon.	7	11 ·03	... ...	10	6	Sun.	7	14 ·51	24 ·22	13	7	Fri.	7	1 ·45	4 ·81	14
8	Tues.	8	12 ·11	18 ·05	11	7	Mon. ○	8	P ·52	25 ·26	14	8	Sat.	8	2 ·36	5 ·76	15
9	Wed.	9	13 ·19	19 ·15	12	8	Tues.	9	1 ·51	26 ·28	15	9	Sun.	9	3 ·27	6 ·69	16
10	Thur.	10	14 ·27	20 ·27	13	9	Wed.	10	2 ·47	27 ·28	16	10	Mon.	10	4 ·17	7 ·62	17
11	Fri.	11	P ·34	21 ·37	14	10	Thur.	11	3 ·42	1 ·27	17	11	Tues.	11	5 ·07	8 ·55	18
12	Sat.	12	1 ·41	22 ·46	15	11	Fri.	12	4 ·36	2 ·24	18				6 ·98		
13	Sun.	13	2 ·46	23 ·53	16	12	Sat.	13	5 ·28	3 ·19	19	12	Wed.	12	7 ·89	9 ·48	19
14	Mon.	14	3 ·49	24 ·59	17	13	Sun.	14	6 ·19	4 ·14	20	13	Thur.	13	8 ·82	10 ·42	20
15	Tues.	15	4 ·50	25 ·63	18	14	Mon.	15	7 ·09	5 ·07	21	14	Fri.	14	9 ·75	11 ·39	21
16	Wed.	16	5 ·47	26 ·64	19				8 ·99			15	Sat.	15	10 ·70	12 ·35	22
17	Thur.	17	6 ·44	27 ·63	20					6 ·00		16	Sun.	16	11 ·66	13 ·34	23
18	Fri.	18	7 ·39	1 ·61	21	15	Tues.	16	9 ·89	7 ·94	22	17	Mon.	17	12 ·65	14 ·34	24
19	Sat.	19	8 ·32	2 ·57	22	16	Wed.	17	10 ·79	8 ·87	23	18	Tues.	18	13 ·66	15 ·36	25
20	Sun.	20	9 ·24	3 ·52	23	17	Thur.	18	11 ·69	9 ·81	24	19	Wed.	19	14 ·68	16 ·41	26
21	Mon.	21	10 ·15	4 ·46	24	18	Fri.	19	12 ·61	10 ·75	25	20	Thur.	20	—A ·73	17 ·43	27
22	Tues.	22	11 ·05	5 ·39	25	19	Sat.	20	13 ·55	11 ·70	26	21	Fri.	21	1 ·81	18 ·56	28
			12 ·95			20	Sun.	21	14 ·50	12 ·70	27	22	Sat.	22	2 ·89	19 ·65	—29
23	Wed.	23	13 ·85	6 ·32	26	21	Mon.	22	—A ·46	13 ·69	28	23	Sun.	23	3 ·97	20 ·76	1
24	Thur.	24	14 ·75	7 ·25	27	22	Tues.	23	1 ·44	14 ·70	29	24	Mon.	24	... ...	21 ·88	2
25	Fri.	25	—A ·65	8 ·19	28	23	Wed.	24	2 ·44	15 ·73	—30	25	Tues.	25	4 ·05	22 ·98	3
26	Sat.	26	1 ·56	9 ·14	—29	24	Thur.	25	3 ·47	16 ·79	1	26	Wed.	26	5 ·14	... ...	4
27	Sun.	27	2 ·49	10 ·09	1	25	Fri.	26	4 ·51	17 ·86	2	27	Thur.	27	6 ·22	23 ·07	5
28	Mon.	28	3 ·44	11 ·06	2	26	Sat.	27	5 ·58	18 ·96	3	28	Fri.	28	7 ·27	24 ·14	6
29	Tues.	29	4 ·40	12 ·04	3	27	Sun.	28	6 ·65	... ...	4	—29	Sat.	29	8 ·31	25 ·20	7
30	Wed.	30	5 ·38	13 ·04	4	28	Mon.	29	7 ·74	19 ·06	5	1	Sun.	30	9 ·32	26 ·25	8
31	Thur.	31	6 ·38	14 ·07	5	29	Tues.	30	8 ·83	20 ·16	6						
	Aug.						**Oct.**						**Dec.**				
—32	Fri.	1	7 ·41	15 ·11	6	—30	Wed.	1	9 ·92	21 ·27	7	2	Mon.	1	10 ·30	27 ·26	9
1	Sat.	2	8 ·45	16 ·17	7	1	Thur.	2	10 ·99	22 ·37	8	3	Tues.	2	11 ·27	1 ·26	10
2	Sun.	3	9 ·52	17 ·25	8	2	Fri.	3	... ...	23 ·46	9	4	Wed.	3	12 ·23	2 ·23	11
3	Mon.	4	10 ·59	18 ·35	9	3	Sat.	4	11 ·04	24 ·53	10	5	Thur.	4	13 ·16	3 ·20	12
4	Tues.	5	11 ·67	19 ·46	10	4	Sun.	5	12 ·07	25 ·58	11	6	Fri.	5	14 ·08	4 ·15	13
5	Wed.	6	12 ·76	20 ·57	11	5	Mon.	6	13 ·08	26 ·60	12				P ·99		
6	Thur.	7	13 ·84	21 ·67	12	6	Tues.	7	14 ·07	27 ·61	13	7	Sat.	6	1 ·90	5 ·09	14
7	Fri.	8	14 ·91	22 ·76	13	7	Wed.	8	P ·04	1 ·60	14	8	Sun.	7	2 ·80	6 ·03	15
8	Sat.	9	P ·95	23 ·84	14				1 ·00							7 ·96	
9	Sun.	10	1 ·98	24 ·91	15	8	Thur.	9	2 ·93	2 ·57	15	9	Mon.	8	3 ·70	8 ·88	16
10	Mon.	11	2 ·99	25 ·95	16	9	Fri.	10	3 ·85	3 ·53	16	10	Tues.	9	4 ·61	9 ·82	17
11	Tues.	12	3 ·97	26 ·96	17	10	Sat.	11	4 ·76	4 ·47	17	11	Wed.	10	5 ·52	10 ·77	18
12	Wed.	13	4 ·94	27 ·96	18	11	Sun.	12	5 ·66	5 ·41	18	12	Thur.	11	6 ·44	11 ·71	19
13	Thur.	14	5 ·89	1 ·94	19	12	Mon.	13	6 ·56	6 ·35	19	13	Fri.	12	7 ·38	12 ·68	20
14	Fri.	15	6 ·83	2 ·90	20	13	Tues.	14	7 ·46	7 ·28	20	14	Sat.	13	8 ·34	13 ·66	21
15	Sat.	16	7 ·74	3 ·86	21	14	Wed.	15	8 ·37	8 ·21	21	15	Sun.	14	9 ·31	14 ·66	22
16	Sun.	17	8 ·65	4 ·80	22	15	Thur.	16	9 ·28	9 ·14	22	16	Mon.	15	10 ·39	15 ·69	23
17	Mon.	18	9 ·55	5 ·73	23	16	Fri.	17	10 ·20	10 ·09	23	17	Tues.	16	11 ·31	16 ·72	24
18	Tues.	19	10 ·45	6 ·66	24	17	Sat.	18	11 ·13	11 ·05	24	18	Wed.	17	12 ·33	17 ·78	25
19	Wed.	20	11 ·35	7 ·59	25	18	Sun.	19	12 ·08	12 ·02	25	19	Thur.	18	13 ·39	18 ·86	26
20	Thur.	21	12 ·25	8 ·53	26	19	Mon.	20	13 ·05	13 ·01	26	20	Fri.	19	14 ·46	19 ·95	27
21	Fri.	22	13 ·16	9 ·47	27	20	Tues.	21	14 ·03	14 ·02	27	21	Sat.	20	—A ·54	.. ...	28
22	Sat.	23	14 ·08	10 ·42	28	21	Wed.	22	A ·04	15 ·05	28	22	Sun.	21	1 ·63	20 ·06	29
23	Sun. ●	24	A ·01	11 ·38	29	22	Thur.	23	1 ·06	16 ·09	29	23	Mon.	22	2 ·72	21 ·17	—30
			1 ·96			23	Fri.	24	2 ·11	17 ·17	—30	24	Tues.	23	3 ·80	22 ·28	1
24	Mon.	25	2 ·91	12 ·36	—30	24	Sat.	25	3 ·18	18 ·26	1	25	Wed.	24	4 ·87	23 ·37	2
25	Tues.	26	3 ·90	13 ·37	1	25	Sun.	26	4 ·26	19 ·36	2	26	Thur.	25	5 ·92	24 ·45	3
26	Wed.	27	4 ·90	14 ·38	2	26	Mon.	27	5 ·35	20 ·46	3	27	Fri.	26	6 ·95	25 ·52	4
27	Thur.	28	5 ·92	15 ·42	3	27	Tues.	28	6 ·44	21 ·57	4	28	Sat.	27	7 ·96	26 ·56	5
28	Fri.	29	6 ·96	16 ·48	4	28	Wed.	29	7 ·52	22 ·68	5	29	Sun.	28	8 ·95	27 ·58	6
29	Sat.	30	... ...	17 ·55	5	29	Thur.	30	8 ·58	23 ·77	6	—30	Mon.	29	9 ·92	1 ·58	7
—30	Sun.	31	7 ·03	18 ·65	6	—30	Fri.	31	9 ·64	24 ·84	7	1	Tues.	30	10 ·87	2 ·56	8
												2	Wed.	31	11 ·81	3 ·53	9

Pramoda. **Karkaṭaka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* *H.* 1101 *Shawwāl.*

Pramoda. **Siṅha—Āvaṇi.** *Bahula.* **Śrāvaṇa.** *Sukla.* *H.* 1101 *Zi-l-ka'da.*

Pramoda. **Kanyā—Purattāśi.** *Bahula.* **Bhādrapada.** *Sukla.* *H.* 1101 *Zi-l-hijja.*

Pramoda. **Tulā—Aippaśi.** *Bahula.* **Āśvina.** *Sukla.* *H.* 1102 *Muharram.*

Pramoda. **Vṛśchika—Kārttigai.** *Bahula.* **Kārttika.** *Sukla.* *H.* 1102 *Safar.*

Pramoda. **Dhanus—Mārgali.** *Bahula.* **Mārgaśirsha.** *Sukla.* *H.* 1102 *Rabi-ul awwal.*

Makara—Tai. *Bahula.* **Pausha.** *Sukla.* *H.* 1102 *Safar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1691. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·54.** **Śaka 1613.** **Kaliyuga 4792.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·45.** **(S. Cycle) Prajāpati.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Pramoda. **Makara—Tai.** 3	Thur. 1	12 ·73	4 ·49	10
4	Fri. 2	13 ·64	5 ·43	11
5	Sat. 3	14 ·55	6 ·36	12
6	Sun. 4	P ·45	7 ·29	13
7	Mon. 5	1 ·35	8 ·22	14
8	Tues. 6	2 ·26	9 ·16	15
9	Wed. 7	3 ·17	10 ·10	16
10	Thur. 8	4 ·09	11 ·05	17
11	Fri. 9	5 ·02	12 ·01	18
12	Sat. 10	6 ·98	13 ·99	19
13	Sun. 11	7 ·95	14 ·99	20
14	Mon. 12	8 ·94	... ...	21
15	Tues. 13	9 ·95	15 ·00	22
16	Wed. 14	10 ·98	16 ·04	23
17	Thur. 15	... ...	17 ·09	24
18	Fri. 16	11 ·05	18 ·16	25
19	Sat. 17	12 ·12	19 ·26	26
20	Sun. 18	13 ·19	20 ·37	27
21	Mon. 19	14 ·28	21 ·47	28
22	Tues. 20	—A ·38	22 ·58	—29
23	Wed. 21	1 ·45	23 ·67	1
24	Thur. 22	2 ·52	24 ·76	2
25	Fri. 23	3 ·57	25 ·83	3
26	Sat. 24	4 ·60	26 ·88	4
27	Sun. 25	5 ·60	27 ·90	5
28	Mon. 26	6 ·58	1 ·91	6
—29	Tues. 27	7 ·56	2 ·89	7
1	Wed. 28	8 ·50	3 ·87	8
2	Thur. 29	9 ·43	4 ·82	9
3	Fri. 30	10 ·35	5 ·77	10
4	Sat. 31	11 ·27	6 ·70	11
	Feb.			
5	Sun. 1	12 ·17	7 ·63	12
6	Mon. 2	13 ·07	8 ·57	13
7	Tues. 3	14 ·97	9 ·50	14
8	Wed. 4	P ·87	10 ·44	15
9	Thur. 5	1 ·79	11 ·38	16
10	Fri. 6	2 ·71	12 ·34	17
11	Sat. 7	3 ·65	13 ·32	18
12	Sun. 8	4 ·60	14 ·31	19
13	Mon. 9	5 ·58	15 ·32	20
14	Tues. 10	6 ·57	16 ·35	21
15	Wed. 11	7 ·58	17 ·40	22
16	Thur. 12	8 ·62	18 ·48	23
17	Fri. 13	9 ·67	19 ·56	24
18	Sat. 14	10 ·74	20 ·66	25
19	Sun. 15	11 ·82	21 ·77	26
20	Mon. 16	12 ·92	22 ·87	27
21	Tues. 17	... ...	23 ·97	28
22	Wed● 18	13 ·00	... ...	29
23	Thur. 19	14 ·07	24 ·07	30
24	Fri. 20	—A ·14	25 ·14	1
25	Sat. 21	1 ·18	26 ·19	2
26	Sun. 22	2 ·22	27 ·22	3
27	Mon. 23	3 ·22	1 ·23	4
28	Tues. 24	4 ·21	2 ·23	5
29	Wed. 25	5 ·17	3 ·20	6
—30	Thur. 26	6 ·12	4 ·16	7
1	Fri. 27	7 ·04	5 ·10	8
2	Sat. 28	8 ·96	6 ·04	9
		9 ·88	7 ·98	
		10 ·79	8 ·91	
		11 ·69		

Pausha. Bahula. *Sukla.* *Māgha. Bahula.* *Sukla.* *H.* 1102 *Rabī-ul ākhir.* *H.* 1102 *Jamāda'l awwal.* *H.*1102 *Jamāda'l ākhir.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
3	Sun. 1	12 ·58	9 ·84	10
4	Mon. 2	13 ·48	10 ·79	11
5	Tues. 3	14 ·39	11 ·72	12
6	Wed. 4	P ·31	12 ·68	13
7	Thur. 5	1 ·25	13 ·64	14
8	Fri. 6	2 ·20	14 ·63	15
9	Sat. 7	3 ·18	15 ·64	16
10	Sun. 8	4 ·16	16 ·66	17
11	Mon. 9	5 ·18	17 ·71	18
12	Tues. 10	6 ·22	18 ·78	19
13	Wed. 11	7 ·27	19 ·86	20
14	Thur. 12	8 ·35	20 ·96	21
15	Fri. 13	9 ·43	... ...	22
16	Sat. 14	10 ·52	21 ·07	23
17	Sun. 15	11 ·60	22 ·18	24
18	Mon. 16	12 ·68	23 ·28	25
19	Tues. 17	13 ·73	24 ·37	26
20	Wed. 18	14 ·78	25 ·45	27
21	Thur. 19	—A ·81	26 ·50	28
22	Fri. 20	1 ·80	27 ·54	—29
23	Sat. 21	2 ·78	1 ·56	1
24	Sun. 22	3 ·74	2 ·55	2
25	Mon. 23	4 ·69	3 ·53	3
26	Tues. 24	5 ·62	4 ·49	4
27	Wed. 25	6 ·54	5 ·44	5
28	Thur. 26	7 ·45	6 ·39	6
29	Fri. 27	8 ·34	7 ·32	7
—30	Sat. 28	9 ·24	8 ·25	8
1	Sun. 29	10 ·14	9 ·18	9
2	Mon. 30	11 ·05	10 ·11	10
		12 ·96		
3	Tues. 31	13 ·88	11 ·06	11
	April.			
4	Wed. 1	14 ·81	12 ·01	12
			13 ·98	
5	Thur. 2	P ·76	14 ·96	13
6	Fri. 3	1 ·74	15 ·96	14
7	Sat. 4	2 ·73	16 ·98	15
8	Sun. 5	3 ·74	... ...	16
9	Mon. 6	4 ·77	17 ·03	17
10	Tues. 7	5 ·83	18 ·09	18
11	Wed. 8	6 ·90	19 ·17	19
12	Thur. 9	7 ·99	20 ·26	20
13	Fri. 10	... ...	21 ·36	21
14	Sat. 11	8 ·07	22 ·48	22
15	Sun. 12	9 ·15	23 ·58	23
16	Mon. 13	10 ·21	24 ·68	24
17	Tues. 14	11 ·27	25 ·76	25
18	Wed. 15	12 ·32	26 ·81	26
19	Thur. 16	13 ·34	27 ·85	27
20	Fri. 17	14 ·35	1 ·88	28
21	Sat. 18	—A ·33	2 ·88	29
22	Sun. 19	1 ·29	3 ·86	—30
23	Mon. 20	2 ·24	4 ·82	1
24	Tues. 21	3 ·16	5 ·78	2
25	Wed. 22	4 ·07	6 ·72	3
		5 ·98		
26	Thur. 23	6 ·38	7 ·66	4
27	Fri. 24	7 ·78	8 ·59	5
28	Sat. 25	8 ·68	9 ·52	6
29	Sun. 26	9 ·58	10 ·45	7
30	Mon. 27	10 ·49	11 ·40	8
—31	Tues. 28	11 ·41	12 ·35	9
1	Wed. 29	12 ·34	13 ·31	10
2	Thur. 30	13 ·30	14 ·28	11

Prajāpati. **Mēsha—Chittirai.** *Bahula.* *Sukla.* *H.* 1102 *Shā'bān.* *H.* 1102 *Rajab.* *H.* 1102 *Ramażān.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
3	Fri. 1	14 ·26	15 ·28	12
4	Sat. 2	P ·24	16 ·30	13
5	Sun. 3	1 ·20	17 ·34	14
6	Mon. 4	2 ·29	18 ·39	15
7	Tues. 5	3 ·34	19 ·47	16
8	Wed. 6	4 ·41	20 ·56	17
9	Thur. 7	5 ·49	21 ·67	18
10	Fri. 8	6 ·57	22 ·78	19
11	Sat. 9	7 ·66	23 ·88	20
12	Sun. 10	8 ·73	24 ·98	21
13	Mon. 11	9 ·78	... ...	22
14	Tues. 12	10 ·83	25 ·06	23
15	Wed. 13	11 ·85	26 ·14	24
16	Thur. 14	12 ·85	27 ·18	25
17	Fri. 15	13 ·83	1 ·20	26
18	Sat. 16	14 ·80	2 ·20	27
19	Sun. 17	—A ·74	3 ·19	28
20	Mon. 18	1 ·67	4 ·17	—29
21	Tues. 19	2 ·58	5 ·12	1
22	Wed. 20	3 ·48	6 ·06	2
23	Thur. 21	4 ·38	7 ·00	3
			8 ·93	
24	Fri. 22	5 ·28	9 ·86	4
25	Sat. 23	6 ·18	10 ·80	5
26	Sun. 24	7 ·08	11 ·73	6
		8 ·99		
27	Mon. 25	9 ·91	12 ·68	7
28	Tues. 26	10 ·84	13 ·64	8
29	Wed. 27	11 ·79	14 ·61	9
30	Thur. 28	12 ·76	15 ·61	10
31	Fri. 29	13 ·75	16 ·61	11
—32	Sat. 30	14 ·75	17 ·65	12
1	Sun. 31	P ·78	18 ·70	13
	June.			
2	Mon. 1	1 ·83	19 ·77	14
3	Tues. 2	2 ·88	20 ·87	15
4	Wed. 3	3 ·97	21 ·97	16
5	Thur. 4	... ...	... ...	17
6	Fri. 5	4 ·05	22 ·08	18
7	Sat. 6	5 ·13	23 ·18	19
8	Sun. 7	6 ·20	24 ·28	20
9	Mon. 8	7 ·27	25 ·38	21
10	Tues. 9	8 ·32	26 ·44	22
11	Wed. 10	9 ·34	27 ·49	23
12	Thur. 11	10 ·34	1 ·52	24
13	Fri. 12	11 ·32	2 ·53	25
14	Sat. 13	12 ·28	3 ·52	26
15	Sun. 14	13 ·22	4 ·50	27
16	Mon. 15	14 ·15	5 ·45	28
17	Tues. 16	A ·07	6 ·40	29
		1 ·98		
18	Wed. 17	2 ·88	7 ·33	—30
19	Thur. 18	3 ·77	8 ·26	1
20	Fri. 19	4 ·67	9 ·20	2
21	Sat. 20	5 ·57	10 ·13	3
22	Sun. 21	6 ·48	11 ·07	4
23	Mon. 22	7 ·40	12 ·01	5
			13 ·97	
24	Tues. 23	8 ·33	14 ·95	6
25	Wed. 24	9 ·27	15 ·98	7
26	Thur. 25	10 ·23	16 ·94	8
27	Fri. 26	11 ·22	17 ·96	9
28	Sat. 27	12 ·23	... ...	10
29	Sun. 28	13 ·25	18 ·01	11
30	Mon. 29	14 ·30	19 ·09	12
—31	Tue. 30	P ·37	20 ·17	13

Prajāpati. **Vṛishabha—Vaigāśi.** *Bahula.* *Sukla.* *Jyeshtha. Bahula.* *Sukla.* *Āshādha.* *H.* 1102 *Shawwal.*

Mithuna—Āni.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P Bhad. 26. U. Bhad. 27. Rev.

A.D. 1691. **Kollam 867,** { **N. Malabar—Sep.** **Hijra 1103.** **Vikrama 1748.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 14.** **Bengal San. 1097.**
P—Paurnimā. **(N. Cycle) Vṛisha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammedan year, month and day.
	July.					**Sep.**					**Nov.**			
Prajāpati.														
Karkaṭaka—Ādi.														
1	Wed. 1		21 ·27	*H.* 1102 *Shawwāl.* 14	—31	Tues. 1	4 ·83	1 ·48	17					
2	Thur. 2		22 ·37	15	1	Wed. 2	5 ·81	2 ·50	18	1	Sun. 1	6 ·65	7 ·03	19
3	Fri. 3		23 ·48	16	2	Thur. 3	6 ·78	3 ·50	19				8 ·97	
4	Sat. 4		24 ·58	17	3	Fri. 4	7 ·73	4 ·49	20	2	Mon. 2	7 ·55	9 ·91	20
5	Sun. 5		25 ·68	18	4	Sat. 5	8 ·66	5 ·45	21	3	Tues. 3	8 ·45	10 ·84	21
6	Mon. 6		26 ·75	19	5	Sun. 6	9 ·58	6 ·41	22	4	Wed. 4	9 ·35	11 ·77	22
7	Tues. 7		27 ·81	20	6	Mon. 7	10 ·49	7 ·36	23	5	Thur. 5	10 ·26	12 ·70	23
8	Wed. 8		1 ·84	21	7	Tues. 8	11 ·39	8 ·29	24	6	Fri. 6	11 ·18	13 ·64	24
9	Thur. 9		2 ·85	22	8	Wed. 9	12 ·29	9 ·22	25	7	Sat. 7	12 ·10	14 ·60	25
10	Fri. 10		3 ·85	23	9	Thur. 10	13 ·19	10 ·15	26	8	Sun. 8	13 ·04	15 ·57	26
11	Sat. 11		4 ·83	24	10	Fri. 11	14 ·09	11 ·09	27			14 ·98		
12	Sun. 12		5 ·79	25			*Bahula.*			9	Mon. 9	—**A** ·95	16 ·56	27
13	Mon. 13		6 ·73	26	11	Sat. 12	**A** ·00	12 ·03	28	10	Tues. 10	1 ·94	17 ·56	28
14	Tues. 14		7 ·67	27			1 ·92	13 ·97		11	Wed. 11	2 ·95	18 ·58	—29
15	Wed. 15	—**A** ·36	8 ·61	28	12	Sun. 13	2 ·85	14 ·93	—29	12	Thur. 12	3 ·99	19 ·62	1
16	Thur. 16	1 ·26	9 ·54	—29	13	Mon. 14	3 ·79	15 ·91	1	13	Fri. 13	... ...	20 ·70	2
17	Fri. 17	2 ·16	10 ·47	1	14	Tues. 15	4 ·76	16 ·91	2	14	Sat. 14	4 ·04	21 ·78	3
		3 ·06			15	Wed. 16	5 ·74	17 ·92	3	15	Sun. 15	5 ·11	22 ·87	4
18	Sat. 18	4 ·97	11 ·41	2	16	Thur. 17	6 ·76	18 ·95	4	16	Mon. 16	6 ·18	23 ·88	5
		Sukla.			17	Fri. 18	7 ·78	... ...	5	17	Tues. 17	7 ·27	... ...	6
19	Sun. 19	5 ·88	12 ·35	3	18	Sat. 19	8 ·83	19 ·01	6	18	Wed. 18	8 ·36	24 ·09	7
20	Mon. 20	6 ·81	13 ·31	4	19	Sun. 20	9 ·89	20 ·08	7	19	Thur. 19	9 ·44	25 ·20	8
21	Tues. 21	7 ·75	14 ·27	5	20	Mon. 21	10 ·97	21 ·18	8	20	Fri. 20	10 ·51	26 ·29	9
22	Wed. 22	8 ·72	15 ·26	6	21	Tues. 22	... ...	22 ·28	9	21	Sat. 21	11 ·57	27 ·36	10
23	Thur. 23	9 ·70	16 ·26	7	22	Wed. 23	11 ·05	23 ·38	10	22	Sun. 22	12 ·60	1 ·42	11
24	Fri. 24	10 ·71	17 ·28	8	23	Thur. 24	12 ·14	24 ·49	11	23	Mon. 23	13 ·60	2 ·46	12
25	Sat. 25	11 ·73	18 ·32	9	24	Fri. 25	13 ·21	25 ·59	12	24	Tues. 24	14 ·59	3 ·48	13
26	Sun. 26	12 ·77	19 ·39	10	25	Sat. 26	14 ·28	26 ·67	13	25	Wed. 25	**P** ·56	4 ·48	14
27	Mon. 27	13 ·84	20 ·47	11	26	Sun. 27	**P** ·34	27 ·75	14	26	Thur. 26	1 ·50	5 ·45	15
28	Tues. 28	14 ·92	21 ·57	12	27	Mon. 28	1 ·36	1 ·80	15	27	Fri. 27	2 ·44	6 ·42	16
29	Wed. 29	... ...	22 ·67	13	28	Tues. 29	2 ·38	2 ·82	16	28	Sat. 28	3 ·36	7 ·36	17
30	Thur. 30	**P** ·01	23 ·78	14	29	Wed. 30	3 ·36	3 ·83	17	29	Sun. 29	4 ·27	8 ·31	18
31	Fri. 31	1 ·09	24 ·89	15						—30	Mon. 30	5 ·18	9 ·25	19
	Aug.					**Oct.**					**Dec.**			
Prajāpati.														
Siṁha—Āvaṇi.														
—32	Sat. 1	2 ·16	25 ·98	*H.* 1102 *Zi-l-ka'da.* 16	——30	Thur. 1	4 ·34	4 ·81	18	1	Tues. 1	6 ·08	10 ·17	20
1	Sun. 2	3 ·22	... ...	17	1	Fri. 2	5 ·29	5 ·79	19			7 ·98		
2	Mon. 3	4 ·27	26 ·06	18	2	Sat. 3	6 ·22	6 ·75	20	2	Wed. 2	8 ·88	11 ·10	21
3	Tues. 4	5 ·30	27 ·12	19	3	Sun. 4	7 ·14	7 ·69	21	3	Thur. 3	9 ·79	12 ·04	22
4	Wed. 5	6 ·30	1 ·16	20	4	Mon. 5	8 ·05	8 ·63	22				13 ·98	
5	Thur. 6	7 ·29	2 ·18	21			9 ·96			4	Fri. 4	10 ·72	14 ·94	23
6	Fri. 7	8 ·25	3 ·18	22	5	Tues. 6	10 ·86	9 ·57	23	5	Sat. 5	11 ·66	15 ·90	24
7	Sat. 8	9 ·21	4 ·16	23	6	Wed. 7	11 ·76	10 ·50	24	6	Sun. 6	12 ·61	16 ·88	25
8	Sun. 9	10 ·14	5 ·12	24	7	Thur. 8	12 ·66	11 ·43	25	7	Mon. 7	13 ·59	17 ·88	26
		11 ·05			8	Fri. 9	13 ·57	12 ·36	26	8	Tues. 8	14 ·58	18 ·90	27
9	Mon. 10	12 ·96	6 ·07	25	9	Sat. 10	14 ·49	13 ·31	27	9	Wed. 9	—**A** ·59	19 ·94	28
			7 ·02		10	Sun. 11	—**A** ·42	14 ·26	28	10	Thur. 10	1 ·63	... ...	29
10	Tues. 11	13 ·86	8 ·95	26	11	Mon. 12	1 ·37	15 ·24	29	11	Fri. 11	2 ·68	20 ·00	—30
11	Wed. 12	14 ·76	9 ·88	27	12	Tues. 13	2 ·34	16 ·23	30	12	Sat. 12	3 ·75	21 ·08	1
12	Thur. 13	—**A** ·66	10 ·81	28	13	Wed. 14	3 ·33	17 ·24	1	13	Sun. 13	4 ·83	22 ·17	2
13	Fri. 14	1 ·56	11 ·74	29	14	Thur. 15	4 ·34	18 ·27	2	14	Mon. 14	5 ·92	23 ·28	3
14	Sat. 15	2 ·47	12 ·69	—30	15	Fri. 16	5 ·36	19 ·31	3	15	Tues. 15	... ...	24 ·39	4
15	Sun. 16	3 ·39	13 ·64	1	16	Sat. 17	6 ·41	20 ·38	4	16	Wed. 16	6 ·01	25 ·50	5
16	Mon. 17	4 ·32	14 ·60	2	17	Sun. 18	7 ·47	21 ·48	5	17	Thur. 17	7 ·10	26 ·59	6
17	Tues. 18	5 ·26	15 ·58	3	18	Mon. 19	8 ·55	22 ·58	6	18	Fri. 18	8 ·16	27 ·67	7
18	Wed. 19	6 ·22	16 ·58	4	19	Tues. 20	9 ·64	23 ·68	7	19	Sat. 19	9 ·21	1 ·78	8
19	Thur. 20	7 ·20	17 ·59	5	20	Wed. 21	10 ·74	24 ·79	8	20	Sun. 20	10 ·24	2 ·78	9
20	Fri. 21	8 ·22	18 ·64	6	21	Thur. 22	11 ·82	25 ·89	9	21	Mon. 21	11 ·25	3 ·80	10
21	Sat. 22	9 ·24	19 ·70	7	22	Fri. 23	12 ·89	26 ·99	10	22	Tues. 22	12 ·24	4 ·80	11
22	Sun. 23	10 ·29	20 ·78	8	23	Sat. 24	13 ·93	... ...	11	23	Wed. 23	13 ·20	5 ·78	12
23	Mon. 24	11 ·35	21 ·87	9	24	Sun. 25	14 ·96	27 ·06	12	24	Thur. 24	14 ·15	6 ·75	13
24	Tues. 25	12 ·42	22 ·98	10	25	Mon. 26	**P** ·98	1 ·11	13	25	Fri. 25	**P** ·08	7 ·70	14
25	Wed. 26	13 ·51	... ...	11	26	Tues. 27	1 ·96	2 ·14	14	26	Sat. 26	1 ·00	8 ·65	15
26	Thur. 27	14 ·59	23 ·09	12	27	Wed. 28	2 ·93	3 ·15	15			2 ·92		
27	Fri. 28	**P** ·66	24 ·19	13	28	Thur. 29	3 ·88	4 ·15	16	27	Sun. 27	3 ·82	9 ·58	16
28	Sat. 29	1 ·73	25 ·29	14	29	Fri. 30	4 ·82	5 ·12	17	28	Mon. 28	4 ·72	10 ·50	17
29	Sun. 30	2 ·79	26 ·37	15	—30	Sat. 31	5 ·74	6 ·08	18	—29	Tues. 29	5 ·62	11 ·44	18
30	Mon. 31	3 ·81	27 ·43	16						1	Wed. 30	6 ·53	12 ·37	19
										2	Thur. 31	7 ·45	13 ·32	20

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 33. Dhani. 24. Śatab.

A. D. 1692. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·80.** **Śaka 1614.** **Kaliyuga 4793.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·71.** **(S. Cycle) Angiras.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Fri.	1	8 ·37	14 ·27	21	4	Tues.	1	9 ·48	20 ·93	22	3	Sun.	1	11 ·98	25 ·00	24
4	Sat.	2	9 ·31	15 ·23	22	5	Wed.	2	10 ·52	..	23	4	Mon.	2	... ..	26 ·10	25
5	Sun.	3	10 ·26	16 ·21	23	6	Thur.	3	11 ·58	21 ·00	24	5	Tues.	3	12 ·05	27 ·20	26
6	Mon.	4	11 ·24	17 ·20	24	7	Fri.	4	12 ·65	22 ·09	25	6	Wed.	4	13 ·12	1 ·28	27
7	Tues.	5	12 ·22	18 ·22	25	8	Sat.	5	13 ·73	23 ·18	26	7	Thur.	5	14 ·16	2 ·35	28
8	Wed.	6	13 ·24	19 ·26	26	9	Sun.	6	14 ·82	24 ·29	27	8	Fri.	6	A ·17	3 ·40	—29
9	Thur.	7	14 ·28	20 ·31	27	10	Mon.	7	—A ·91	25 ·39	28	9	Sat.	7	1 ·17	4 ·42	1
10	Fri.	8	—A ·33	21 ·38	28	11	Tues.	8	1 ·98	26 ·49	—29	10	Sun.	8	2 ·16	5 ·42	2
11	Sat.	9	1 ·40	22 ·47	—29	12	Wed.	9	... ...	27 ·59	1	11	Mon.	9	3 ·12	6 ·41	3
12	Sun.	10	2 ·49	23 ·58	1	13	Thur.	10	2 ·04	1 ·67	2				4 ·06		
13	Mon.	11	3 ·58	24 ·69	2	14	Fri.	11	3 ·09	2 ·72	3	12	Tues.	10	5 ·98	7 ·38	4
14	Tues.	12	4 ·67	25 ·80	3	15	Sat.	12	4 ·11	3 ·76	4	13	Wed.	11	6 ·89	8 ·34	5
15	Wed.	13	5 ·75	26 ·89	4	16	Sun.	13	5 ·11	4 ·77	5	14	Thur.	12	7 ·80	9 ·28	6
16	Thur.	14	6 ·82	27 ·98	5	17	Mon.	14	6 ·09	5 ·77	6	15	Fri.	13	8 ·70	10 ·22	7
17	Fri.	15	7 ·86	... ...	6	18	Tues.	15	7 ·05	6 ·74	7	16	Sat.	14	9 ·60	11 ·15	8
18	Sat.	16	8 ·88	1 ·05	7				8 ·00			17	Sun.	15	10 ·50	12 ·08	9
19	Sun.	17	9 ·89	2 ·10	8	19	Wed.	16	9 ·93	7 ·71	8					13 ·01	
20	Mon.	18	10 ·88	3 ·12	9	20	Thur.	17	10 ·84	8 ·65	9	18	Mon.	16	11 ·40	14 ·95	10
21	Tues.	19	11 ·84	4 ·13	10	21	Fri.	18	11 ·74	9 ·60	10	19	Tues.	17	12 ·31	15 ·90	11
22	Wed.	20	12 ·79	5 ·11	11	22	Sat.	19	12 ·64	10 ·54	11	20	Wed.	18	13 ·23	16 ·86	12
23	Thur.	21	13 ·72	6 ·08	12	23	Sun.	20	13 ·54	11 ·47	12	21	Thur.	19	14 ·16	17 ·83	13
24	Fri.	22	14 ·64	7 ·04	13	24	Mon.	21	14 ·44	12 ·40	13	22	Fri.	20	P ·11	18 ·82	14
				8 ·99		25	Tues.	22	P ·35	13 ·33	14	23	Sat.	21	1 ·08	19 ·84	15
25	Sat. ○	23	P ·55	9 ·92	14	26	Wed.	23	1 ·27	14 ·27	15	24	Sun.	22	2 ·06	20 ·87	16
26	Sun.	24	1 ·45	10 ·85	15	27	Thur.	24	2 ·19	15 ·23	16	25	Mon.	23	3 ·08	21 ·92	17
27	Mon.	25	2 ·35	11 ·78	16	28	Fri.	25	3 ·13	16 ·20	17	26	Tues.	24	4 ·11	22 ·99	18
28	Tues.	26	3 ·25	12 ·72	17	29	Sat.	26	4 ·08	17 ·18	18	27	Wed.	25	5 ·16	... ..	19
29	Wed.	27	4 ·16	13 ·66	18	30	Sun.	27	5 ·05	18 ·18	19	28	Thur.	26	6 ·23	23 ·08	20
—30	Thur.	28	5 ·07	14 ·60	19	—31	Mon.	28	6 ·04	19 ·20	20	29	Fri.	27	7 ·31	24 ·19	21
			6 ·00			1	Tues.	29	7 ·06	20 ·24	21	30	Sat.	28	8 ·40	25 ·30	22
1	Fri.	29	7 ·94	15 ·56	20	2	Wed.	30	8 ·10	21 ·31	22	—31	Sun.	29	9 ·48	26 ·40	23
2	Sat.	30	8 ·90	16 ·53	21	3	Thur.	31	9 ·15	22 ·39	23	1	Mon.	30	10 ·55	27 ·50	24
3	Sun.	31	9 ·87	17 ·53	22							2	Tues.	31	11 ·60	1 ·59	25
	Feb.						**April.**						**June.**				
4	Mon.	1	10 ·85	18 ·54	23	4	Fri.	1	10 ·21	23 ·48	24	3	Wed.	1	12 ·64	2 ·66	26
5	Tues.	2	11 ·87	19 ·57	24	5	Sat.	2	11 ·29	24 ·58	25	4	Thur.	2	13 ·65	3 ·71	27
6	Wed.	3	12 ·91	20 ·62	25	6	Sun.	3	12 ·38	25 ·69	26	5	Fri.	3	14 ·66	4 ·74	28
7	Thur.	4	13 ·97	21 ·69	26	7	Mon.	4	13 ·47	26 ·80	27	6	Sat.	4	—A ·65	5 ·75	29
8	Fri.	5	... ..	22 ·78	27	8	Tues.	5	14 ·54	27 ·90	28	7	Sun.	5	1 ·61	6 ·74	—30
9	Sat.	6	14 ·04	23 ·88	28	9	Wed.	6	—A ·60	1 ·98	29	8	Mon.	6	2 ·55	7 ·71	1
10	Sun. ●	7	—A ·12	24 ·99	29	10	Thur.	7	1 ·64	... ...	—30	9	Tues.	7	3 ·48	8 ·67	2
11	Mon.	8	1 ·21	... ...	—30	11	Fri.	8	2 ·66	2 ·04	1	10	Wed.	8	4 ·39	9 ·62	3
12	Tues.	9	2 ·30	25 ·10	1	12	Sat.	9	3 ·66	3 ·07	2	11	Thur.	9	5 ·29	10 ·55	4
13	Wed.	10	3 ·38	26 ·19	2	13	Sun.	10	4 ·64	4 ·10	3	12	Fri.	10	6 ·19	11 ·48	5
14	Thur.	11	4 ·44	27 ·28	3	14	Mon.	11	5 ·60	5 ·10	4				7 ·09		
15	Fri.	12	5 ·49	1 ·36	4	15	Tues.	12	6 ·54	6 ·08	5	13	Sat.	11	8 ·99	12 ·41	6
16	Sat.	13	6 ·51	2 ·41	5	16	Wed.	13	7 ·47	7 ·04	6	14	Sun.	12	9 ·89	13 ·35	7
17	Sun.	14	7 ·52	3 ·44	6					8 ·99		15	Mon.	13	10 ·80	14 ·29	8
18	Mon.	15	8 ·50	4 ·45	7	17	Thur.	14	8 ·38	9 ·94	7	16	Tues.	14	11 ·71	15 ·23	9
19	Tues.	16	9 ·46	5 ·44	8	18	Fri.	15	9 ·29	10 ·88	8	17	Wed.	15	12 ·64	16 ·19	10
20	Wed.	17	10 ·40	6 ·42	9	19	Sat.	16	10 ·19	11 ·81	9	18	Thur.	16	13 ·59	17 ·16	11
21	Thur.	18	11 ·33	7 ·38	10				11 ·09			19	Fri.	17	14 ·56	18 ·15	12
22	Fri.	19	12 ·25	8 ·32	11	20	Sun.	17	12 ·99	12 ·74	10	20	Sat.	18	P ·54	19 ·16	13
23	Sat.	20	13 ·16	9 ·26	12	21	Mon.	18	13 ·89	13 ·67	11	21	Sun.	19	1 ·56	20 ·18	14
24	Sun.	21	14 ·07	10 ·19	13	22	Tues.	19	14 ·80	14 ·62	12	22	Mon.	20	2 ·59	21 ·23	15
			P ·97			23	Wed.	20	P ·72	15 ·57	13	23	Tues.	21	3 ·64	22 ·30	16
25	Mon.	22	1 ·87	11 ·13	14	24	Thur.	21	1 ·66	16 ·53	14	24	Wed.	22	4 ·70	23 ·39	17
				12 ·08		25	Fri.	22	2 ·61	17 ·50	15	25	Thur.	23	5 ·78	24 ·49	18
26	Tues.	23	2 ·77	13 ·99	15	26	Sat.	23	3 ·58	18 ·50	16	26	Fri.	24	6 ·86	25 ·60	19
27	Wed.	24	3 ·68	14 ·94	16	27	Sun.	24	4 ·57	19 ·51	17	27	Sat.	25	7 ·95	26 ·70	20
28	Thur.	25	4 ·61	15 ·89	17	28	Mon.	25	5 ·54	20 ·56	18	28	Sun	26	.. ..	27 ·80	21
—29	Fri.	26	5 ·55	16 ·87	18	29	Tues.	26	6 ·61	21 ·61	19	29	Mon.	27	8 ·02	1 ·90	22
1	Sat.	27	6 ·51	17 ·85	19	30	Wed.	27	7 ·67	22 ·69	20	30	Tues.	28	9 ·07	2 ·97	23
2	Sun.	28	7 ·48	18 ·86	20	—31	Thur.	28	8 ·74	23 ·78	21	31	Wed.	29	10 ·11	.. ...	24
3	Mon.	29	8 ·47	19 ·88	21	1	Fri.	29	9 ·82	24 ·88	22	—32	Thur.	30	11 ·14	3 ·03	25
						2	Sat.	30	10 ·90	... ...	23						

Prajāpati. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H.* 1103 *Jamādu'l awwal.*

Prajāpati. **Kumbha—Vāśi** *Sukla.* **Phālguna.** *Bahula.* *H.* 1103 *Jamādu'l ākhir.*

Prajāpati. **Mina—Pangūni.** *Sukla.* **Chaitra.** *Bahula.* *H.* 1103 *Rajab.*

Angiras. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 1103 *Sha'bān.*

Angiras. **Vrishabha—Vaigāśi.** *Sukla.* **Jyeshtha.** *Bahula.* *H.* 1103 *Ramażān.*

Angiras. **Mithuna—Āni.** *Sukla.* **Ashādha.** *Bahula.* *H.* 1103 *Shawwal*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Pha 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1692. **Kollam 868,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1104.** Commences **Sep. 2.** **Vikrama 1749.** **Bengal San. 1098.** **(N. Cycle) Chitrabhānu.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Fri.	1	12 ·13	4 ·06	26	1	Thur.	1	1 ·59	12 ·44	—29	1	Tues.	1	3 ·26	19 ·78	2
2	Sat.	2	13 ·12	5 ·07	27	2	Fri.	2	2 ·49	13 ·37	1	2	Wed.	2	4 ·23	20 ·78	3
3	Sun.	3	14 ·08	6 ·06	28	3	Sat.	3	3 ·39	14 ·30	2	3	Thur.	3	5 ·22	21 ·80	4
4	Mon.	4	A ·03	7 ·05	—29	4	Sun.	4	4 ·30	15 ·25	3	4	Fri.	4	6 ·24	22 ·86	5
			Śukla. 1 ·96			5	Mon.	5	5 ·22	16 ·19	4	5	Sat.	5	7 ·27	23 ·92	6
				8 ·01		6	Tues.	6	6 ·15	17 ·15	5	6	Sun.	6	8 ·2	... ...	7
5	Tues.	5	2 ·87	9 ·95	1	7	Wed.	7	7 ·10	18 ·13	6	7	Mon.	7	9 ·39	24 ·00	8
6	Wed.	6	3 ·77	10 ·89	2	8	Thur.	8	8 ·06	19 ·12	7	8	Tues.	8	10 ·48	25 ·09	9
7	Thur.	7	4 ·67	11 ·82	3	9	Fri.	9	9 ·05	20 ·13	8	9	Wed.	9	11 ·57	26 ·20	10
8	Fri.	8	5 ·57	12 ·76	4	10	Sat.	10	10 ·07	21 ·17	9	10	Thur.	10	12 ·65	27 ·31	11
9	Sat.	9	6 ·47	13 ·69	5	11	Sun.	11	11 ·10	22 ·23	10	11	Fri.	11	13 ·73	1 ·41	12
10	Sun.	10	7 ·37	14 ·63	6	12	Mon.	12	12 ·14	23 ·30	11	12	Sat.	12	14 ·80	2 ·51	13
11	Mon.	11	8 ·27	15 ·57	7	13	Tues.	13	13 ·20	24 ·38	12	13	Sun.	13	P ·85	3 ·59	14
12	Tues.	12	9 ·19	16 ·52	8	14	Wed.	14	14 ·28	25 ·49	13	14	Mon.	14	1 ·88	4 ·64	15
13	Wed.	13	10 ·12	17 ·49	9	15	Thur.	15	P ·37	26 ·60	14	15	Tues.	15	2 ·89	5 ·68	16
14	Thur.	14	11 ·07	18 ·48	10	16	Fri.	16	1 ·45	27 ·71	15	16	Wed.	16	3 ·88	6 ·69	17
15	Fri.	15	12 ·04	19 ·48	11	17	Sat.	17	2 ·53	1 ·81	16	17	Thur.	17	4 ·84	7 ·70	18
16	Sat.	16	13 ·03	20 ·50	12	18	Sun.	18	3 ·59	2 ·89	17	18	Fri.	18	5 ·79	8 ·67	19
17	Sun.	17	14 ·04	21 ·54	13	19	Mon.	19	4 ·61	3 ·96	18	19	Sat.	19	6 ·73	9 ·63	20
18	Mon. ○	18	P ·06	22 ·61	14	20	Tues.	20	5 ·67	... ...	19	20	Sun.	20	7 ·65	10 ·58	21
19	Tues.	19	1 ·11	23 ·69	15	21	Wed.	21	6 ·8	4 ·02	20	21	Mon.	21	8 ·56	11 ·52	22
20	Wed.	20	2 ·17	24 ·79	16	22	Thur.	22	7 ·67	5 ·04	21	22	Tues.	22	9 ·47	12 ·45	23
21	Thur.	21	3 ·25	25 ·89	17	23	Fri.	23	8 ·64	6 ·05	22	23	Wed.	23	10 ·37	13 ·39	24
22	Fri.	22	4 ·34	... ...	18	24	Sat.	24	9 ·58	7 ·03	23	24	Thur.	24	11 ·27	14 ·32	25
23	Sat.	23	5 ·42	26 ·00	19					8 ·00		25	Fri.	25	12 ·17	15 ·26	26
24	Sun.	24	6 ·49	27 ·10	20	25	Sun.	25	10 ·51	9 ·97	24	26	Sat.	26	13 ·08	16 ·20	27
25	Mon.	25	7 ·55	1 ·20	21	26	Mon.	26	11 ·43	10 ·91	25				14 ·00		
26	Tues.	26	8 ·59	2 ·28	22	27	Tues.	27	12 ·34	11 ·85	26	27	Sun.	27	A ·94	17 ·15	28
27	Wed.	27	9 ·62	3 ·34	23	28	Wed.	28	13 ·24	12 ·78	27	28	Mon.	28	1 ·90	18 ·12	29
28	Thur.	28	10 ·63	4 ·38	24	29	Thur.	29	14 ·14	13 ·71	28	—29	Tues.	29	2 ·87	19 ·10	—30
29	Fri.	29	11 ·61	5 ·39	25				A ·04			1	Wed.	30	3 ·86	20 ·10	1
30	Sat.	30	12 ·57	6 ·40	26	30	Fri.	30	1 ·95	14 ·65	29						
—31	Sun.	31	13 ·52	7 ·37	27												
	Aug.						**Oct.**						**Dec.**				
1	Mon.	1	14 ·45	8 ·34	28	—31	Sat.	1	2 ·86	15 ·58	—30	2	Thur.	1	4 ·88	21 ·12	2
2	Tues.	2	A ·37	9 ·29	29	1	Sun.	2	3 ·78	16 ·53	1	3	Fri.	2	5 ·92	22 ·15	3
3	Wed.	3	1 ·27	10 ·23	—30	2	Mon.	3	4 ·72	17 ·48	2	4	Sat.	3	6 ·98	23 ·22	4
4	Thur.	4	2 ·17	11 ·17	1	3	Tues.	4	5 ·67	18 ·45	3	5	Sun.	4	... ...	24 ·30	5
			3 ·07			4	Wed.	5	6 ·64	19 ·44	4	6	Mon.	5	7 ·05	25 ·40	6
5	Fri.	5	4 ·97	12 ·10	2	5	Thur.	6	7 ·63	20 ·46	5	7	Tues.	6	8 ·13	26 ·50	7
				13 ·03		6	Fri.	7	8 ·64	21 ·49	6	8	Wed.	7	9 ·22	27 ·60	8
6	Sat.	6	5 ·87	14 ·96	3	7	Sat.	8	9 ·66	22 ·54	7	9	Thur.	8	10 ·31	1 ·72	9
7	Sun.	7	6 ·78	15 ·90	4	8	Sun.	9	10 ·71	23 ·61	8	10	Fri.	9	11 ·39	2 ·81	10
8	Mon.	8	7 ·69	16 ·86	5	9	Mon.	10	11 ·78	24 ·69	9	11	Sat.	10	12 ·45	3 ·89	11
9	Tues.	9	8 ·62	17 ·82	6	10	Tues.	11	12 ·86	25 ·80	10	12	Sun.	11	13 ·49	4 ·95	12
10	Wed.	10	9 ·57	18 ·80	7	11	Wed.	12	13 ·95	26 ·90	11	13	Mon.	12	14 ·52	5 ·29	13
11	Thur.	11	10 ·54	19 ·80	8	12	Thur.	13	... ...	... ...	12	14	Tues.	13	P ·53	... ...	14
12	Fri.	12	11 ·53	20 ·81	9	13	Fri.	14	14 ·04	27 ·01	13	15	Wed.	14	1 ·52	6 ·01	15
13	Sat.	13	12 ·52	21 ·86	10	14	Sat.	15	P ·12	1 ·11	14	16	Thur.	15	2 ·49	7 ·02	16
14	Sun.	14	13 ·56	22 ·92	11	15	Sun.	16	1 ·18	2 ·20	15					8 ·00	
15	Mon.	15	14 ·61	... ...	12	16	Mon.	17	2 ·22	3 ·28	16	17	Fri.	16	3 ·43	9 ·97	17
16	Tues.	16	P ·67	23 ·01	13	17	Tues.	18	3 ·25	4 ·33	17	18	Sat.	17	4 ·36	10 ·92	18
17	Wed.	17	1 ·75	24 ·09	14	18	Wed.	19	4 ·26	5 ·38	18	19	Sun.	18	5 ·28	11 ·86	19
18	Thur.	18	2 ·83	25 ·19	15	19	Thur.	20	5 ·26	6 ·37	19	20	Mon.	19	6 ·19	12 ·80	20
19	Fri.	19	3 ·92	26 ·30	16	20	Fri.	21	6 ·23	7 ·36	20	21	Tues.	20	7 ·10	13 ·73	21
20	Sat.	20	4 ·99	27 ·41	17	21	Sat.	22	7 ·18	8 ·34	21				8 ·00		
21	Sun.	21	... ...	1 ·51	18	22	Sun.	23	8 ·11	9 ·30	22	22	Wed.	21	9 ·90	14 ·66	22
22	Mon.	22	5 ·05	2 ·59	19				9 ·03			23	Thur.	22	10 ·81	15 ·59	23
23	Tues.	23	6 ·10	3 ·65	20	23	Mon.	24	10 ·94	10 ·25	23	24	Fri.	23	11 ·72	16 ·53	24
24	Wed.	24	7 ·13	4 ·69	21	24	Tues.	25	11 ·84	11 ·18	24	25	Sat.	24	12 ·64	17 ·49	25
25	Thur.	25	8 ·14	5 ·71	22	25	Wed.	26	12 ·74	12 ·12	25	26	Sun.	25	13 ·58	18 ·45	26
26	Fri.	26	9 ·12	6 ·72	23	26	Thur.	27	13 ·64	13 ·05	26	27	Mon.	26	14 ·54	19 ·43	27
27	Sat.	27	10 ·09	7 ·71	24					14 ·98		28	Tues.	27	A ·52	20 ·42	28
			11 ·03			27	Fri.	28	14 ·55	15 ·92	27	—29	Wed.	28	1 ·51	21 ·43	—29
28	Sun.	28	12 ·96	8 ·67	25	28	Sat.	29	A ·46	16 ·86	28	1	Thur.	29	2 ·52	22 ·48	1
29	Mon.	29	13 ·89	9 ·62	26	29	Sun.	30	1 ·39	17 ·81	—29	2	Fri.	30	3 ·56	23 ·53	2
30	Tues.	30	14 ·79	10 ·57	27	—30	Mon.	31	2 ·32	18 ·78	1	3	Sat.	31	4 ·62	24 ·60	3
—31	Wed.	31	A ·69	11 ·51	28												

Āngiras. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* **Adhika Bhādrapada.** *Śukla.* *Bahula.* *Āngiras.* **Simha—Āvani.** *H.* 1103 *Zi-l-Ka'da.* *H.* 1103 *Z-l-hijja.* *Āngiras.* **Kanyā—Purattāsi.** *Śukla.* **Nija Bhādrapada.** *Bahula.* *H.* 1104 *Muharram.* *Āngiras.* **Tulā—Aippasi.** *Śukla.* **Āsvina.** *Bahula.* *H.* 1104 *Śafar.* *Āngiras.* **Vriśchika—Kārttigai.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1104 *Rabi-ul awwal.* *Āngiras.* **Dhanus—Mārgali.** *Śukla.* **Mārgaśīrsha.** *Bahula.* *H.* 1104 *Rabi-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1693. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·06.** **Śaka 1615.** **Kaliyuga 4794.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·97.** **(S. Cycle) Śrīmukha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Sun.	1	5 ·69	25 ·69	4	3	Wed.	1	4 ·22	2 ·72	4	3	Mon.	1	6 ·47	8 ·64	6
5	Mon.	2	6 ·78	26 ·80	5	4	Thur.	2	5 ·28	3 ·81	5	4	Tues.	2	7 ·43	9 ·63	7
6	Tues.	3	7 ·87	27 ·90	6	5	Fri.	3	6 ·34	4 ·89	6	5	Wed.	3	8 ·37	10 ·60	8
7	Wed.	4	8 ·95	... ...	7	6	Sat.	4	7 ·38	5 ·94	7	6	Thur.	4	9 ·30	11 ·55	9
8	Thur.	5	... ...	1 ·01	8	7	Sun.	5	8 ·40	6 ·98	8	7	Fri.	5	10 ·21	12 ·49	10
9	Fri.	6	9 ·03	2 ·11	9	8	Mon.	6	9 ·40	7 ·99	9	8	Sat.	6	11 ·11	13 ·43	11
10	Sat.	7	10 ·10	3 ·20	10	9	Tues.	7	10 ·39	8 ·98	10	9	Sun.	7	12 ·01	14 ·36	12
11	Sun.	8	11 ·14	4 ·26	11	10	Wed.	8	11 ·35	9 ·97	11				13 ·91		
12	Mon.	9	12 ·16	5 ·31	12	11	Thur.	9	12 ·29	10 ·93	12	10	Mon.	8	14 ·81	15 ·29	13
13	Tues.	10	13 ·17	6 ·34	13	12	Fri.	10	13 ·22	11 ·88	13	11	Tues.	9	P ·71	16 ·22	14
14	Wed.	11	14 ·16	7 ·35	14	13	Sat.	11	14 ·13	12 ·82	14	12	Wed.	10	1 ·61	17 ·16	15
15	Thur. ○	12	P ·13	8 ·33	15	14	Sun.	12	P ·04	13 ·75	15	13	Thur.	11	2 ·53	18 ·12	16
16	Fri.	13	1 ·07	9 ·30	16				1 ·94			14	Fri.	12	3 ·48	19 ·08	17
			2 ·00			15	Mon.	13	2 ·84	14 ·69	16	15	Sat	13	4 ·44	20 ·05	18
17	Sat.	14	3 ·92	10 ·25	17	16	Tues.	14	3 ·74	15 ·62	17	16	Sun.	14	5 ·41	21 ·04	19
18	Sun.	15	4 ·83	11 ·20	18	17	Wed.	15	4 ·65	16 ·55	18	17	Mon.	15	6 ·39	22 ·05	20
19	Mon.	16	5 ·73	12 ·14	19	18	Thur.	16	5 ·56	17 ·49	19	18	Tues.	16	7 ·40	23 ·09	21
20	Tues.	17	6 ·63	13 ·07	20	19	Fri.	17	6 ·48	18 ·44	20	19	Wed.	17	8 ·44	24 ·14	22
				14 ·00		20	Sat.	18	7 ·42	19 ·41	21	20	Thur.	18	9 ·49	25 ·21	23
21	Wed.	18	7 ·53	15 ·93	21	21	Sun.	19	8 ·38	20 ·40	22	21	Fri.	19	10 ·56	26 ·30	24
22	Thur.	19	8 ·44	16 ·88	22	22	Mon.	20	9 ·36	21 ·40	23	22	Sat.	20	11 ·65	27 ·40	25
23	Fri.	20	9 ·36	17 ·82	23	23	Tues.	21	10 ·35	22 ·42	24	23	Sun.	21	12 ·73	1 ·52	26
24	Sat.	21	10 ·29	18 ·78	24	24	Wed.	22	11 ·37	23 ·46	25	24	Mon.	22	13 ·81	2 ·62	27
25	Sun.	22	11 ·23	19 ·75	25	25	Thur.	23	12 ·40	24 ·52	26	25	Tues.	23	14 ·88	3 ·72	28
26	Mon.	23	12 ·18	20 ·74	26	26	Fri.	24	13 ·46	25 ·60	27	26	Wed.	24	—A ·94	4 ·81	29
27	Tues.	24	13 ·16	21 ·76	27	27	Sat.	25	14 ·54	26 ·70	28	27	Thur.	25	1 ·97	5 ·88	—30
28	Wed.	25	14 ·15	22 ·79	28	28	Sun.	26	—A ·62	27 ·81	29	28	Fri.	26	2 ·99	6 ·92	1
29	Thur.	26	—A ·16	23 ·84	29	29	Mon.	27	1 ·71	1 ·91	—30	29	Sat.	27	3 ·99	7 ·96	2
—30	Fri.	27	1 ·21	24 ·91	—30	—30	Tues.	28	2 ·79	... ...	1	30	Sun.	28	4 ·97	8 ·97	3
1	Sat.	28	2 ·27	... ...	1	1	Wed.	29	3 ·86	2 ·02	2	—31	Mon.	29	5 ·93	9 ·96	4
2	Sun.	29	3 ·34	25 ·00	2	2	Thur.	30	4 ·91	3 ·11	3	1	Tues.	30	6 ·87	10 ·93	5
3	Mon.	30	4 ·42	26 ·10	3	3	Fri.	31	5 ·95	4 ·20	4	2	Wed.	31	7 ·79	11 ·88	6
4	Tues.	31	5 ·50	27 ·21	4												
	Feb.						**April.**						**June.**				
5	Wed.	1	6 ·59	1 ·32	5	4	Sat.	1	6 ·96	5 ·26	5	3	Thur.	1	8 ·70	12 ·84	7
6	Thur.	2	7 ·68	2 ·42	6	5	Sun.	2	7 ·96	6 ·29	6	4	Fri.	2	9 ·60	13 ·77	8
7	Fri.	3	8 ·74	3 ·50	7	6	Mon.	3	8 ·95	7 ·31	7	5	Sat.	3	10 ·50	14 ·70	9
8	Sat.	4	9 ·78	4 ·57	8	7	Tues.	4	9 ·91	8 ·32	8	6	Sun.	4	11 ·40	15 ·63	10
9	Sun.	5	10 ·80	5 ·63	9	8	Wed.	5	10 ·85	9 ·30	9	7	Mon.	5	12 ·30	16 ·56	11
10	Mon.	6	11 ·81	6 ·66	10	9	Thur.	6	11 ·78	10 ·26	10	8	Tues.	6	13 ·20	17 ·51	12
11	Tues.	7	12 ·80	7 ·67	11	10	Fri.	7	12 ·69	11 ·21	11	9	Wed.	7	14 ·11	18 ·46	13
12	Wed.	8	13 ·76	8 ·66	12	11	Sat.	8	13 ·60	12 ·15	12				P ·03		
13	Thur.	9	14 ·69	9 ·63	13	12	Sun.	9	14 ·50	13 ·09	13	10	Thur.	8	1 ·97	19 ·41	14
14	Fri.	10	P ·62	10 ·60	14					14 ·03		11	Fri.	9	2 ·92	20 ·37	15
15	Sat.	11	1 ·54	11 ·54	15	13	Mon.	10	P ·40	15 ·96	14	12	Sat.	10	3 ·88	21 ·36	16
16	Sun.	12	2 ·45	12 ·48	16	14	Tues.	11	1 ·30	16 ·89	15	13	Sun.	11	4 ·87	22 ·38	17
17	Mon.	13	3 ·35	13 ·41	17	15	Wed.	12	2 ·20	17 ·83	16	14	Mon.	12	5 ·88	23 ·40	18
18	Tues.	14	4 ·25	14 ·34	18	16	Thur.	13	3 ·11	18 ·77	17	15	Tues.	13	6 ·92	24 ·45	19
19	Wed.	15	5 ·15	15 ·27	19				4 ·03			16	Wed.	14	7 ·97	25 ·52	20
			6 ·05			17	Fri.	14	5 ·97	19 ·75	18	17	Thur.	15	... ...	26 ·60	21
20	Thur.	16	7 ·96	16 ·21	20	18	Sat.	15	6 ·93	20 ·73	19	18	Fri.	16	8 ·03	27 ·71	22
21	Fri.	17	8 ·89	17 ·16	21	19	Sun.	16	7 ·90	21 ·72	20	19	Sat.	17	9 ·11	1 ·82	23
22	Sat.	18	9 ·84	18 ·11	22	20	Mon.	17	8 ·88	22 ·73	21	20	Sun.	18	10 ·20	2 ·92	24
23	Sun.	19	10 ·80	19 ·08	23	21	Tues.	18	9 ·90	23 ·77	22	21	Mon.	19	11 ·28	... ...	25
24	Mon.	20	11 ·77	20 ·06	24	22	Wed.	19	10 ·93	24 ·84	23	22	Tues.	20	12 ·35	3 ·02	26
25	Tues.	21	12 ·76	21 ·08	25	23	Thur.	20	11 ·99	25 ·91	24	23	Wed.	21	13 ·41	4 ·11	27
26	Wed.	22	13 ·78	22 ·10	26	24	Fri.	21	... ...	... ...	25	24	Thur.	22	14 ·45	5 ·18	28
27	Thur.	23	14 ·82	23 ·15	27	25	Sat.	22	12 ·07	26 ·00	26	25	Fri. ●	23	—A ·47	6 ·25	—29
28	Fri.	24	—A ·88	24 ·21	28	26	Sun.	23	13 ·16	27 ·10	27	26	Sat.	24	1 ·46	7 ·28	1
29	Sat.	25	1 ·96	25 ·30	—29	27	Mon.	24	14 ·24	1 ·21	28	27	Sun.	25	2 ·44	8 ·29	2
—30	Sun.	26	... ...	26 ·40	1	28	Tues.	25	—A ·31	2 ·32	—29	28	Mon.	26	3 ·41	9 ·28	3
1	Mon.	27	2 ·05	27 ·51	2	29	Wed.	26	1 ·38	3 ·42	1	29	Tues.	27	4 ·35	10 ·26	4
2	Tues.	28	3 ·14	1 ·61	3	30	Thur.	27	2 ·44	4 ·50	2	30	Wed.	28	5 ·27	11 ·23	5
						—31	Fri.	28	3 ·49	5 ·57	3	31	Thur.	29	6 ·18	12 ·17	6
						1	Sat.	29	4 ·52	6 ·61	4				7 ·08		
						2	Sun.	30	5 ·50	7 ·64	5	—32	Fri.	30	8 ·98	13 ·11	7

Āṅgiras. **Makara—Tai.** *Bahula.* *Śukla.* **Pausha.** *Śukla.* **Māgha.** *Bahula.* *H.* 1104 *Jamāda'l awwal.*

Āṅgiras. **Kumbha—Māṅi.** *Śukla.* **Phālguna.** *Bahula.* *H.* 1104 *Jamāda'l ākhir.*

Āṅgiras. **Mīna—Paṅguni.** *Śukla.* **Chaitra.** *Bahula.* *H.* 1104 *Rajab.*

Śrīmukha. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 1104 *Sha'bān.*

Śrīmukha. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H.* 1104 *Ramzān.*

Śrīmukha. **Mithuna—Āni.** *Śukla.* *H.* 1104 *Shawwāl*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1693. **Kollam 869,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1105.** Commences **Aug. 23.** **Vikrama 1750.** **Bengal San. 1099.** **(N. Cycle) Subhānu.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Śrimukha. **Karkaṭaka—Ādi.** 1	Sat.	1	9 ·88	14 ·04 / 15 ·97	8	*Śrimukha.* **Karyā—Purattāśi.** 1	Fri.	1	**Bhādrapada.** 12 ·38	22 ·34	10	*Śrimukha.* **Vṛiśchika—Kārttigai.** 1	Wed.	1	**Kārttika.** 14 78	1 ·32	12
2	Sun.	2	10 ·78	16 ·91	9	2	Sat.	2	13 ·37	23 ·35	11	2	Thur.	2	**P** ·86	2 ·42	13
3	Mon.	3	11 ·68	17 ·84	10	3	Sun.	3	14 ·38	24 ·38	12	3	Fri.	3	1 ·95	3 ·53	14
4	Tues.	4	12 ·59	18 ·79	11	4	Mon.	4	**P** ·41	25 ·45	13	4	Sat.	4	... ...	4 ·63	15
5	Wed.	5	13 ·51	19 ·74	12	5	Tues.	5	1 ·46	26 ·52	14	5	Sun.	5	2 ·03	5 ·72	16
6	Thur.	6	14 ·44	20 ·70	13	6	Wed.	6	2 ·52	27 ·61	15	6	Mon.	6	3 ·10	6 ·80	17
7	Fri. ○	7	**P** ·39	21 ·70	14	7	Thur.	7	3 ·60	1 ·71	16	7	Tues.	7	4 ·15	7 ·86	18
8	Sat.	8	1 ·37	22 ·70	15	8	Fri.	8	4 ·68	2 ·82	17	8	Wed.	8	5 ·18	8 ·90	19
9	Sun.	9	2 ·36	23 ·72	16	9	Sat.	9	5 ·76	3 ·93	18	9	Thur.	9	6 ·18	9 ·91	20
10	Mon.	10	3 ·36	24 ·76	17	10	Sun.	10	6 ·84	... ...	19	10	Fri.	10	7 ·16	10 ·91	21
11	Tues.	11	4 ·39	25 ·82	18	11	Mon.	11	7 ·91	4 03	20	11	Sat.	11	8 ·12	11 ·88	22
12	Wed.	12	5 ·43	26 ·90	19	12	Tues.	12	8 ·96	5 ·11	21	12	Sun.	12	9 ·07	12 ·85	23
13	Thur.	13	6 ·50	... ...	20	13	Wed.	13	9 ·98	6 ·18	22	13	Mon.	13	10 ·01 / 11 ·93	13 ·80	24
14	Fri.	14	7 ·58	27 ·00	21	14	Thur.	14	10 ·99	7 ·23	23						
15	Sat.	15	8 ·67	1 ·11	22	15	Fri.	15	11 ·97	8 ·26	24	14	Tues.	14	12 ·84	14 ·74	25
16	Sun.	16	9 ·75	2 ·22	23	16	Sat.	16	12 ·93	9 ·27	25	15	Wed.	15	13 ·74	15 ·67	26
17	Mon.	17	10 ·82	3 ·32	24	17	Sun.	17	13 ·88	10 ·26	26	16	Thur.	16	14 ·64	16 ·60	27
18	Tues.	18	11 ·88	4 ·41	25	18	Mon.	18	14 ·81	11 ·22	27	17	Fri.	17	**A** ·55	17 ·54	28
19	Wed.	19	12 ·93	5 ·50	26	19	Tues.	19	**A** ·73	12 ·18	28	18	Sat.	18	1 ·46	18 ·48	29
20	Thur.	20	13 ·95	6 ·56	27	20	Wed.	20	1 ·64	13 ·12	29	19	Sun.	19	2 ·37	19 ·42	30
21	Fri.	21	14 ·95	7 ·60	28	21	Thur.	21	2 ·54	14 ·07	30	20	Mon.	20	3 ·29	20 ·37	1
22	Sat.	22	**A** ·93	8 ·61	29	22	Fri.	22	3 ·44	15 ·00 / 16 ·93	1	21	Tues.	21	4 ·23	21 ·33	2
23	Sun.	23	1 ·89	9 ·61	30	23	Sat.	23	4 ·34	17 ·86	2	22	Wed.	22	5 ·18	22 ·32	3
24	Mon.	24	2 ·83	10 ·60	1	24	Sun.	24	5 ·24	18 ·79	3	23	Thur.	23	6 ·16	23 ·32	4
25	Tues.	25	3 ·75	11 ·56	2	25	Mon.	25	6 ·15	19 ·75	4	24	Fri.	24	7 ·16	24 ·34	5
26	Wed.	26	4 ·67	12 ·51	3	26	Tues.	26	7 ·07	20 ·70	5	25	Sat.	25	8 ·17	25 ·37	6
27	Thur.	27	5 ·58	13 ·45	4	27	Wed.	27	8 ·01 / 9 ·96	21 ·67	6	26	Sun.	26	9 ·21	26 ·43	7
28	Fri.	28	6 ·48	14 ·38	5	28	Thur.	28	10 ·94	22 ·66	7	27	Mon.	27	10 ·26	27 ·52	8
29	Sat.	29	7 ·38	15 ·32	6	29	Fri.	29	11 ·94	23 ·67	8	28	Tues.	28	11 ·33	1 ·62	9
30	Sun.	30	8 ·28	16 ·25	7	30	Sat.	30	12 ·95	24 ·71	9	29	Wed.	29	12 ·41	2 ·72	10
31	Mon.	31	9 ·18	17 ·18	8							1	Thur.	30	13 ·50	3 ·83	11
	Aug.						**Oct.**						**Dec.**				
Śrimukha. **Simha—Āvaṇi.** 1	Tues.	1	10 ·09	18 ·12	9	31	Sun.	1	13 ·97	25 ·76	10	*Śrimukha.* **Dhanus—Mārgaḷi.** 2	Fri.	1	**Mārgaśīrsha.** 14 ·59	4 ·93	12
2	Wed.	2	11 ·01 / 12 ·94	19 ·07	10	1	Mon.	2	... ...	26 ·82	11	3	Sat.	2	**P** ·67	... ...	13
3	Thur.	3	13 ·88	20 ·03	11	2	Tues.	3	14 ·02	27 ·90	12	4	Sun.	3	1 ·74	5 02	14
4	Fri.	4	14 ·86	21 ·02	12	3	Wed.	4	**P** ·08	1 ·99	13	5	Mon.	4	2 ·79	6 ·11	15
5	Sat.	5	**P** ·85	22 ·02	13	4	Thur.	5	1 ·16	... ...	14	6	Tues.	5	3 ·82	7 ·17	16
6	Sun.	6	1 ·86	23 ·03	14	5	Fri.	6	2 ·25	2 ·11	15	7	Wed.	6	4 ·82	8 ·21	17
7	Mon.	7	2 ·88	24 ·07	15	6	Sat.	7	3 34	3 ·23	16	8	Thur.	7	5 ·80	9 ·23	18
8	Tues.	8	3 ·93	25 ·13	16	7	Sun.	8	4 ·42	4 ·38	17	9	Fri.	8	6 ·76	10 ·23	19
9	Wed.	9	... ...	26 ·22	17	8	Mon.	9	5 ·48	5 ·42	18	10	Sat.	9	7 ·71	11 ·22	20
10	Thur.	10	4 ·00	27 ·31	18	9	Tues.	10	6 ·53	6 ·49	19	11	Sun.	10	8 ·64	12 ·19	21
11	Fri.	11	5 ·08	1 ·41	19	10	Wed.	11	7 ·57	7 ·55	20	12	Mon.	11	9 ·56	13 ·14	22
12	Sat.	12	6 ·17	2 ·52	20	11	Thur.	12	8 ·57	8 ·58	21	13	Tues.	12	10 ·47	14 ·08	23
13	Sun.	13	7 ·25	3 ·62	21	12	Fri.	13	9 ·55	9 ·59	22					15 ·01	
14	Mon.	14	8 ·32	4 ·73	22	13	Sat.	14	10 ·51	10 ·58	23	14	Wed.	13	11 ·37	16 ·95	24
15	Tues.	15	9 ·38	5 ·81	23	14	Sun.	15	11 ·46	11 ·55	24	15	Thur.	14	12 ·27	17 ·88	25
16	Wed.	16	10 ·43	6 ·87	24	15	Mon.	16	12 ·39	12 ·51	25	16	Fri.	15	13 ·18	18 ·81	26
17	Thur.	17	11 ·46	7 ·91	25	16	Tues.	17	13 ·31	13 ·47	26	17	Sat.	16	14 ·09	19 ·75	27
18	Fri.	18	12 ·45	8 ·93	26	17	Wed.	18	14 ·22	14 ·40	27	18	Sun.	17	**A** ·01 / 1 ·93	20 ·70	28
19	Sat.	19	13 ·43	9 ·94	27	18	Thur.	19	**A** ·12	15 ·33	28						
20	Sun.	20	14 ·39	10 ·92	28	19	Fri.	20	1 ·02 / 2 ·93	16 ·26	29	19	Mon.	18	2 ·87	21 ·66	29
21	Mon.	21	**A** ·34	11 ·89	29	20	Sat.	21	3 ·84	17 ·19	1	20	Tues.	19	3 ·82	22 ·65	1
22	Tues.	22	1 ·27	12 ·84	30	21	Sun.	22	4 ·75	18 ·14	2	21	Wed.	20	4 ·80	23 ·64	2
23	Wed.	23	2 ·19	13 ·78	1	22	Mon.	23	5 ·67	19 ·08	3	22	Thur.	21	5 ·80	24 ·65	3
24	Thur.	24	3 ·09 / 4 ·99	14 ·73	2	23	Tues.	24	6 ·60	20 ·03	4	23	Fri.	22	6 ·82	25 ·69	4
										21 ·00		24	Sat.	23	7 ·86	26 ·74	5
25	Fri.	25	5 ·89	15 ·66	3	24	Wed.	25	7 ·56	22 ·99	5	25	Sun.	24	8 ·91	27 ·83	6
26	Sat.	26	6 ·79	16 ·59	4	25	Thur.	26	8 ·54	... ...	6	26	Mon.	25	9 ·98	1 ·92	7
27	Sun.	27	7 ·69	17 ·52	5	26	Fri.	27	9 ·53	23 ·00	7	27	Tues.	26	... ...	...	8
28	Mon.	28	8 ·60	18 ·46	6	27	Sat.	28	10 ·53	24 ·02	8	28	Wed.	27	10 ·06	2 ·02	9
29	Tues.	29	9 53	19 ·40	7	28	Sun.	29	11 ·57	25 06	9	29	Thur.	28	11 ·15	3 ·12	10
30	Wed.	30	10 ·46	20 ·37	8	29	Mon.	30	**Kārt.** 12 ·63	26 ·13	10	30	Fri.	29	12 ·24	4 ·23	11
31	Thur.	31	11 ·41	21 ·35	9	30	Tues.	31	13 ·70	27 ·21	11	1	Sat.	30	**Pausha.** 13 ·32	5 ·34	12
												2	Sun.	31	14 ·39	6 ·42	13

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1694. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·32.** **Śaka 1616.** **Kaliyuga 4795.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·23.** **(S. Cycle) Bhāva.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
Śrīmukha.				
Makara—Tai.				
3	Mon. ○ 1	P ·43	7 ·48	14
4	Tues. 2	1 ·46	8 ·53	15
5	Wed. 3	2 ·46	9 ·55	16
6	Thur. 4	3 ·44	10 ·57	17
7	Fri. 5	4 ·40	11 ·55	18
8	Sat. 6	5 ·35	12 ·52	19
9	Sun. 7	6 ·29	13 ·47	20
10	Mon. 8	7 ·21	14 ·42	21
11	Tues. 9	8 ·11	15 ·36	22
12	Wed. 10	9 ·01 / 10 ·91	16 ·29	23
13	Thur. 11	11 ·81	17 ·22	24
14	Fri. 12	12 ·72	18 ·15	25
15	Sat. 13	13 ·64	19 ·09	26
16	Sun. 14	14 ·57	20 ·03	27
17	Mon. 15	—A ·51	21 ·00 / 22 ·97	28
18	Tues. 16	1 ·47	23 ·96	29
19	Wed. 17	2 ·45	24 ·57	—30
20	Thur. 18	3 ·44	... ...	1
21	Fri. 19	*Śukla.* 4 ·46	25 ·00	2
22	Sat. 20	5 ·51	26 ·06	3
23	Sun. 21	6 ·57	27 ·13	4
24	Mon. 22	7 ·64	1 ·22	5
25	Tues. 23	8 ·72	2 ·32	6
26	Wed. 24	9 ·81	3 ·44	7
27	Thur. 25	10 ·89	4 ·54	8
28	Fri. 26	11 ·97	5 ·64	9
—29	Sat. 27	... ...	6 ·72	10
1	Sun. 28	12 ·03	7 ·79	11
2	Mon. 29	13 ·08	8 ·84	12
3	Tues. 30	14 ·10	9 ·88	13
4	Wed. 31	**Māgha.** P ·10	10 ·89	14
	Feb.			
5	Thur. 1	1 ·08	11 ·88	15
6	Fri. 2	2 ·03 / 3 ·98	12 ·85	16
7	Sat. 3	4 ·91	13 ·81	17
8	Sun. 4	5 ·83	14 ·75	18
9	Mon. 5	6 ·74	15 ·70	19
10	Tues. 6	7 ·64	16 ·63	20
11	Wed. 7	8 ·54	17 ·56	21
12	Thur. 8	9 ·44	18 ·49	22
13	Fri. 9	*Bahula.* 10 ·35	19 ·42	23
14	Sat. 10	11 ·26	20 ·38	24
15	Sun. 11	12 ·18	21 ·33	25
16	Mon. 12	13 ·13	22 ·36	26
17	Tues. 13	14 ·09	23 ·28	27
18	Wed. 14	—A ·07	24 ·29	28
19	Thur. 15	1 ·06	25 ·32	—29
20	Fri. 16	2 ·08	26 ·37	1
21	Sat. 17	3 ·12	27 ·42	2
22	Sun. 18	4 ·19	1 ·52	3
23	Mon. 19	5 ·27	2 ·62	4
24	Tues. 20	6 ·35	3 ·73	5
25	Wed. 21	7 ·44	4 ·84	6
26	Thur. 22	8 ·52	5 ·94	7
27	Fri. 23	9 ·59	... ...	8
28	Sat. 24	10 ·64	6 ·03	9
29	Sun. 25	11 ·68	7 ·10	10
—30	Mon. 26	12 ·71	8 ·16	11
1	Tues. 27	13 ·71	9 ·20	12
2	Wed. 28	14 ·69	10 ·21	13

H. 1105 *Jumāda'l awwal.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
Śrīmukha.				
Mīna—Pāṅguni.				
3	Thur. 1	P ·64	11 ·20	14
4	Fri. 2	1 ·58	12 ·18	15
5	Sat. 3	2 ·51	13 ·14	16
6	Sun. 4	3 ·43	14 ·10	17
7	Mon. 5	4 ·33	15 ·04 / 16 ·97	18
8	Tues. 6	5 ·23	17 ·90	19
9	Wed. 7	6 ·13	18 ·83	20
10	Thur. 8	*Bahula.* 7 ·03 / 8 ·94	19 ·77	21
11	Fri. 9	9 ·86	20 ·71	22
12	Sat. 10	10 ·78	21 ·66	23
13	Sun. 11	11 ·72	22 ·63	24
14	Mon. 12	12 ·68	23 ·61	25
15	Tues. 13	13 ·66	24 ·62	26
16	Wed. 14	14 ·66	25 ·64	27
17	Thur. 15	—A ·68	26 ·68	28
18	Fri. 16	1 ·72	27 ·74	29
19	Sat. 17	2 ·78	1 ·82	—30
20	Sun. 18	3 ·85	2 ·92	1
21	Mon. 19	*Śukla.* 4 ·93	... ...	2
22	Tues. 20	... ...	3 ·03	3
23	Wed. 21	5 ·02	4 ·14	4
24	Thur. 22	6 ·10	5 ·24	5
25	Fri. 23	7 ·17	6 ·33	6
26	Sat. 24	8 ·23	7 ·41	7
27	Sun. 25	9 ·27	8 ·48	8
28	Mon. 26	10 ·28	9 ·51	9
29	Tues. 27	11 ·28	10 ·53	10
—30	Wed. 28	12 ·26	11 ·53	11
1	Thur. 29	13 ·21	12 ·51	12
2	Fri. 30	14 ·15	13 ·48	13
3	Sat. 31	**Chaitra.** P ·07 / 1 ·99	14 ·43	14
	April.			
4	Sun. 1	2 ·90	15 ·37	15
5	Mon. 2	3 ·80	16 ·31	16
6	Tues. 3	4 ·70	17 ·23	17
7	Wed. 4	5 ·60	18 ·17	18
8	Thur. 5	6 ·50	19 ·11	19
9	Fri. 6	*Bahula.* 7 ·41	20 ·05 / 21 ·99	20
10	Sat. 7	8 ·33	22 ·96	21
11	Sun. 8	9 ·28	23 ·94	22
12	Mon. 9	10 ·24	24 ·94	23
13	Tues. 10	11 ·21	25 ·95	24
14	Wed. 11	12 ·20	26 ·99	25
15	Thur. 12	13 ·22	... ...	26
16	Fri. 13	14 ·26	27 ·05	27
17	Sat. 14	—A ·32	1 ·13	28
18	Sun. 15	1 ·39	2 ·22	—29
19	Mon. 16	2 ·47	3 ·32	1
20	Tues. 17	3 ·56	4 ·43	2
21	Wed. 18	4 ·64	5 ·54	3
22	Thur. 19	5 ·71	6 ·63	4
23	Fri. 20	6 ·76	7 ·72	5
24	Sat. 21	7 ·80	8 ·79	6
25	Sun. 22	8 ·82	9 ·83	7
26	Mon. 23	9 ·82	10 ·85	8
27	Tues. 24	10 ·80	11 ·85	9
28	Wed. 25	11 ·74	12 ·85	10
29	Thur. 26	12 ·67	13 ·81	11
30	Fri. 27	13 ·60	14 ·77	12
—31	Sat. 28	14 ·52	15 ·71	13
1	Sun. 29	P ·42	16 ·64	14
2	Mon. 30	1 ·32	17 58	15

H. 1105 *Śha'bān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
Bhāva.				
Vṛishabha—Vaigāsi.				
3	Tues. 1	2 ·22	18 ·50	16
4	Wed. 2	3 ·12	19 ·44	17
5	Thur. 3	4 ·02 / 5 ·93	20 ·38	18
6	Fri. 4	6 ·86	21 ·33	19
7	Sat. 5	7 ·80	22 ·30	20
8	Sun. 6	*Bahula.* 8 ·75	23 ·27	21
9	Mon. 7	9 ·73	24 ·26	22
10	Tues. 8	10 ·72	25 ·27	23
11	Wed. 9	11 ·73	26 ·30	24
12	Thur. 10	12 ·77	27 ·35	25
13	Fri. 11	13 ·83	1 ·43	26
14	Sat. 12	14 ·90	2 ·52	27
15	Sun. 13	—A ·98	3 ·62	28
16	Mon. 14	... ...	4 ·73	29
17	Tues. 15	1 ·06	5 ·83	—30
18	Wed. 16	2 ·14	6 ·94	1
19	Thur. 17	3 ·21	... ...	2
20	Fri. 18	4 ·27	7 ·03	3
21	Sat. 19	5 ·30	8 ·10	4
22	Sun. 20	*Śukla.* 6 ·32	9 ·14	5
23	Mon. 21	7 ·31	10 ·17	6
24	Tues. 22	8 ·29	11 ·19	7
25	Wed. 23	9 ·25	12 ·17	8
26	Thur. 24	10 ·19	13 ·15	9
27	Fri. 25	11 ·11	14 ·10	10
28	Sat. 26	12 ·01 / 13 ·91	15 ·05 / 16 ·99	11
29	Sun. 27	14 ·81	17 ·92	12
30	Mon. 28	P ·71	18 ·85	13
31	Tues. 29	1 ·61	19 ·78	14
—32	Wed. 30	2 ·52	20 ·72	15
1	Thur. 31	3 ·43	21 ·66	16
	June.			
2	Fri. 1	4 ·35	22 ·63	17
3	Sat. 2	5 ·29	23 ·60	18
4	Sun. 3	6 ·24	24 ·58	19
5	Mon. 4	7 ·21	25 ·59	20
6	Tues. 5	8 ·20	26 ·62	21
7	Wed. 6	9 ·22	27 ·67	22
8	Thur. 7	10 ·25	1 ·74	23
9	Fri. 8	11 ·30	2 ·82	24
10	Sat. 9	12 ·37	3 ·92	25
11	Sun. 10	13 ·45	... ...	26
12	Mon. 11	14 ·53	4 ·03	27
13	Tues. 12	—A ·61	5 ·14	28
14	Wed. 13	1 ·68	6 ·24	—29
15	Thur. 14	2 ·74	7 ·33	1
16	Fri. 15	3 ·78	8 ·40	2
17	Sat. 16	4 ·80	9 ·46	3
18	Sun. 17	5 ·79	10 ·50	4
19	Mon. 18	6 ·77	11 ·51	5
20	Tues. 19	7 ·73	12 ·50	6
21	Wed. 20	8 ·67	13 ·48	7
22	Thur. 21	9 ·59	14 ·44	8
23	Fri. 22	10 ·50	15 ·39	9
24	Sat. 23	11 ·41	16 ·33	10
25	Sun. 24	12 ·31	17 ·26	11
26	Mon. 25	13 ·20	18 ·19	12
27	Tues. ○ 26	14 ·09 / P ·99	19 ·12	13
28	Wed. 27	1 ·90	20 ·05	14
29	Thur. 28	2 ·83	21 ·01 / 22 ·98	15
30	Fri. 29	3 ·77	23 ·92	16
—31	Sat. 30	4 ·72	24 ·91	17

H. 1105 *Ramaẓān.*

H. 1105 *Shawwāl.*

H. 1105 *Zī l-ka'da.*

Nakesh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrū. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1694. **Kollam 870,** { **N. Malabar—Sep.** **Hijra 1106.** **Vikrama 1751.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Aug. 12.** **Bengal San. 1100.**
P—Paurnimā. **(N. Cycle) Tāraṇa.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
Bhāva. **Karkataka—Āḍi.**		*Bahula.*			*Bhāva.* **Kanyā—Puraṭṭāśi.**		*Bahula.*			*Bhāra.* **Vṛśchika—Kārttigai.**		*Śukla.*		
1	Sun. 1	5 ·69	25 ·91	18	—31	Sat. 1	... ...	... ...	21	1	Thur. 1	9 ·47	10 ·07	23
2	Mon. 2	6 ·68	26 ·94	19	1	Sun. 2	8 ·00	5 ·04	22	2	Fri. 2	10 ·46	11 ·12	24
3	Tues. 3	7 ·70	27 ·98	20	2	Mon. 3	9 ·09	6 ·14	23	3	Sat. 3	11 ·44	12 ·13	25
4	Wed. 4	8 ·73	... ...	21	3	Tues. 4	10 ·17	7 ·24	24	4	Sun. 4	12 ·41	13 ·13	26
5	Thur. 5	9 ·78	1 ·04	22	4	Wed. 5	11 ·23	8 ·33	25	5	Mon. 5	13 ·36	14 ·10	27
6	Fri. 6	10 ·85	2 ·12	23	5	Thur. 6	12 ·27	9 ·40	26	6	Tues. 6	14 ·29	15 ·06	28
7	Sat. 7	11 ·92	3 ·22	24	6	Fri. 7	13 ·30	10 ·45	27	7	Wed. 7	—**A** ·21	16 ·02 } 17 ·96 }	29
8	Sun. 8	... ...	4 ·32	25	7	Sat. 8	14 ·30	11 ·47	28	8	Thur. 8	1 ·12	18 ·89	—30
9	Mon. 9	12 ·00	5 ·44	26	8	Sun. 9	—**A** ·28	12 ·48	29	9	Fri. 9	2 ·02 } 3 ·92 }	19 ·82	1
10	Tues. 10	13 ·08	6 ·54	27	9	Mon. 10	1 ·24	13 ·47	—30	10	Sat. 10	4 ·82	20 ·75	2
11	Wed. 11	14 ·16	7 ·64	28	10	Tues. 11	2 ·18	14 ·44	1	11	Sun. 11	5 ·73	21 ·69	3
12	Thur. 12	—**A** ·22	8 ·71	29	11	Wed. 12	3 ·11	15 ·40	2	12	Mon. 12	6 ·65	22 ·64	4
13	Fri. 13	1 ·26	9 ·78	—30	12	Thur. 13	4 ·03 } 5 ·94 }	16 ·34	3	13	Tues. 13	7 ·58	23 ·59	5
14	Sat. 14	2 ·28	10 ·82	1	13	Fri. 14	6 ·84	17 ·28	4	14	Wed. 14	8 ·52	24 ·55	6
15	Sun. 15	3 ·27	11 ·83	2	14	Sat. 15	7 ·74	18 ·22	5	15	Thur. 15	9 ·47	25 ·53	7
16	Mon. 16	4 ·25	12 ·83	3	15	Sun. 16	8 ·64	19 ·15	6	16	Fri. 16	10 ·45	26 ·53	8
17	Tues. 17	5 ·21	13 ·81	4	16	Mon. 17	9 ·54	20 ·08	7	17	Sat. 17	11 ·44	27 ·56	9
18	Wed. 18	6 ·15	14 ·77	5	17	Tues. 18	10 ·45	21 ·01 } 22 ·96 }	8	18	Sun. 18	12 ·46	1 ·60	10
19	Thur. 19	7 ·07 } 8 ·99 }	15 ·73	6	18	Wed. 19	11 ·37	23 ·92	9	19	Mon. 19	13 ·49	2 ·66	11
20	Fri. 20	9 ·89	16 ·67	7	19	Thur. 20	12 ·31	24 ·89	10	20	Tues. 20	14 ·55	3 ·73	12
21	Sat. 21	10 ·79	17 ·60	8	20	Fri. 21	13 ·26	25 ·87	11	21	Wed. 21	P ·62	4 ·83	13
22	Sun. 22	11 ·69	18 ·53	9	21	Sat. 22	14 ·24	26 ·89	12	22	Thur. 22	1 ·70	5 ·94	14
23	Mon. 23	12 ·59	19 ·46	10	22	Sun. 23	P ·23	27 ·92	13	23	Fri. 23	2 ·79	... ...	15
24	Tues. 24	13 ·49	20 ·40	11	23	Mon. 24	1 ·24	1 ·98	14	24	Sat. 24	3 ·88	6 ·05	16
25	Wed. 25	14 ·39	21 ·34	12	24	Tues. 25	2 ·27	... ...	15	25	Sun. 25	4 ·96	7 ·15	17
26	Thur. 26	P ·31	22 ·28	13	25	Wed. 26	3 ·32	2 ·04	16	26	Mon. 26	... ...	8 ·24	18
27	Fri. 27	1 ·25	23 ·25	14	26	Thur. 27	4 ·39	3 ·13	17	27	Tues. 27	5 ·03	9 ·32	19
28	Sat. 28	2 ·21	24 ·23	15	27	Fri. 28	5 ·47	4 ·23	18	28	Wed. 28	6 ·08	10 ·39	20
29	Sun. 29	3 ·18	25 ·24	16	28	Sat. 29	6 ·56	5 ·33	19	29	Thur. 29	7 ·10	11 ·43	21
30	Mon. 30	4 ·17	26 ·25	17	29	Sun. 30	7 ·65	6 ·44	20	—30	Fri. 30	8 ·10	12 ·45	22
31	Tues. 31	5 ·17	27 ·29	18										
	Aug.					**Oct.**					**Dec.**			
Bhāva. **Siṁha—Āvaṇi.**		*Śukla.*			*Bhāva.* **Tulā—Aippaśi.**		*Śukla.*			*Bhāva.* **Dhanus—Mārgali.**		*Bahula.*		
—32	Wed. 1	6 ·20	1 ·35	19	—30	Mon. 1	8 ·73	7 ·55	21	1	Sat. 1	9 ·08	13 ·45	23
1	Thur. 2	7 ·23	2 ·43	20	1	Tues. 2	9 ·80	8 ·64	22	2	Sun. 2	10 ·04 } 11 ·99 }	14 ·43	24
2	Fri. 3	8 ·32	3 ·53	21	2	Wed. 3	10 ·84	9 ·71	23	3	Mon. 3	12 ·91	15 ·41	25
3	Sat. 4	9 ·41	4 ·63	22	3	Thur. 4	11 ·86	10 ·76	24	4	Tues. 4	13 ·83	16 ·36	26
4	Sun. 5	10 ·50	5 ·74	23	4	Fri. 5	12 ·87	11 ·79	25	5	Wed. 5	14 ·74	17 ·30	27
5	Mon. 6	11 ·58	6 ·84	24	5	Sat. 6	13 ·85	12 ·81	26	6	Thur. 6	—**A** ·65	18 ·23	28
6	Tues. 7	12 ·65	7 ·94	25	6	Sun. 7	14 ·81	13 ·80	27	7	Fri. 7	1 ·55	19 ·16	—29
7	Wed. 8	13 ·70	... ...	26	7	Mon. 8	—**A** ·75	14 ·77	28	8	Sat. 8	2 ·45	20 ·09	1
8	Thur. 9	14 ·74	8 ·03	27	8	Tues. 9	1 ·68	15 ·73	—29	9	Sun. 9	3 ·36	21 ·03 } 22 ·97 }	2
9	Fri. 10	—**A** ·77	9 ·09	28	9	Wed. 10	2 ·60	16 ·68	1					
10	Sat. 11	1 ·77	10 ·13	—29	10	Thur. 11	3 ·51	17 ·62	2	10	Mon. 10	4 ·27	23 ·92	3
11	Sun. 12	2 ·74	11 ·15	1	11	Fri. 12	4 ·41	18 ·55	3	11	Tues. 11	5 ·20	24 ·88	4
12	Mon. 13	3 ·70	12 ·15	2	12	Sat. 13	5 ·31	19 ·48	4	12	Wed. 12	6 ·14	25 ·86	5
13	Tues. 14	4 ·65	13 ·13	3	13	Sun. 14	6 ·21	20 ·41	5	13	Thur. 13	7 ·11	26 ·86	6
14	Wed. 15	5 ·58	14 ·11	4	14	Mon. 15	7 ·12	21 ·35	6	14	Fri. 14	8 ·09	27 ·87	7
15	Thur. 16	6 ·49	15 ·06	5	15	Tues. 16	8 ·03 } 9 ·96 }	22 ·30	7	15	Sat. 15	9 ·09	1 ·91	8
16	Fri. 17	7 ·39	16 ·00 } 17 ·94 }	6	16	Wed. 17	10 ·90	23 ·25	8	16	Sun. 16	10 ·10	2 ·96	9
17	Sat. 18	8 ·29	18 ·87	7	17	Thur. 18	11 ·85	24 ·22	9	17	Mon. 17	11 ·14	.. ...	10
18	Sun. 19	9 ·19	19 ·81	8	18	Fri. 19	12 ·83	25 ·21	10	18	Tues. 18	12 ·20	3 ·04	11
19	Mon. 20	10 ·09 } 11 ·99 }	20 ·74	9	19	Sat. 20	13 ·82	26 ·21	11	19	Wed. 19	13 ·27	4 ·14	12
20	Tues. 21	12 ·90	21 ·68	10	20	Sun. 21	14 ·83	27 ·23	12	20	Thur. 20	14 ·36	5 ·24	13
21	Wed. 22	13 ·83	22 ·62	11	21	Mon. 22	P ·86	1 ·28	13	21	Fri. 21	P ·45	6 ·34	14
22	Thur. 23	14 ·77	23 ·58	12	22	Tues. 23	1 ·91	2 ·35	14	22	Sat. 22	1 ·54	7 ·45	15
23	Fri. 24	P ·72	24 ·57	13	23	Wed 24	2 ·99	3 ·43	15	23	Sun. 23	2 ·62	8 ·55	16
24	Sat. 25	1 ·69	25 ·56	14	24	Thur. 25	... ...	4 ·53	16	24	Mon. 24	3 ·68	9 ·64	17
25	Sun. 26	2 ·68	26 ·57	15	25	Fri. 26	3 ·08	5 ·63	17	25	Tues. 25	4 ·72	10 ·70	18
26	Mon. 27	3 ·69	27 ·60	16	26	Sat. 27	4 ·17	6 ·75	18	26	Wed. 26	5 ·74	11 ·75	19
27	Tues. 28	4 ·72	1 ·66	17	27	Sun. 28	5 ·25	7 ·85	19	27	Thur. 27	6 ·75	12 ·77	20
28	Wed. 29	5 ·77	2 ·74	18	28	Mon. 29	6 ·33	8 ·94	20	28	Fri. 28	7 ·73	13 ·78	21
29	Thur. 30	6 ·84	3 ·83	19	29	Tues. 30	7 ·39	... ...	21	—29	Sat. 29	8 ·69	14 ·76	22
—30	Fri. 31	7 ·92	4 ·93	20	—30	Wed. 31	8 ·44	9 ·02	22	1	Sun. 30	9 ·63	15 ·74	23
										2	Mon. 31	10 ·56	16 ·69	24

H. 1105 *Ẓi-l-ka'da.* | *H.* 1105 *Ẓi-l-hijja.* | *H.* 1105 *Muḥarram.* | *H.* 1106 *Muḥarram.* | *H.* 1106 *Ṣafar.* | *H.* 1106 *Rabī-ul awwal.* | *H.* 1106 *Rabī-ul ākhir.* | *H.* 1106 *Jamīda'l awwal.* | *H.* 1106 *Jamīda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesn. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23 Dhani. 24. Satab.

A.D. 1695. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·57.** **Śaka 1617.** **Kaliyuga 4796.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·48.** **(S. Cycle) Yuva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Bhāva. **Makara—Tai.**			*Bahula.*			*Bhāva.* **Mīna—Paṅguni.**			*Bahula.*		*H.* 1106 *Rajab.*	*Yuva.* **Vrishabha—Vaigāsi.**			*Sukla.*		
3	Tues.	1	11 ·48	17 ·63	25	3	Fri.	1	11 ·33	21 ·05	25	3	Wed.	1	13 ·04	1 ·49	27
4	Wed.	2	12 ·39	18 ·57	26	4	Sat.	2	12 ·23	22 ·98	26	4	Thur.	2	14 ·04	2 ·52	28
5	Thur.	3	13 ·29	19 ·50	27	5	Sun.	3	13 ·15	23 ·93	27	5	Fri.	3	—**A** ·06	3 ·57	29
6	Fri.	4	14 ·19	20 ·44	28	6	Mon.	4	14 ·07	24 ·88	28	6	Sat.	4	1 ·10	4 ·65	—30
7	Sat.	5	**A** ·09	21 ·37	29	7	Tues.	5	**A** ·01	25 ·85	29	7	Sun.	5	2 ·16	5 ·74	1
8	Sun.	6	1 ·00 2 ·92	22 ·31	—30				1 ·98	26 ·83		8	Mon.	6	3 ·23	6 ·84	2
9	Mon.	7	3 ·85	23 ·25	1	8	Wed.	6	2 ·96	27 ·83	30	9	Tues.	7	4 ·31	7 ·95	3
10	Tues.	8	4 ·79	24 ·21	2	9	Thur.	7	3 ·95	1 ·86	1	10	Wed.	8	5 ·39	... ...	4
11	Wed.	9	5 ·75	25 ·19	3	10	Fri.	8	4 ·98	2 ·90	2	11	Thur.	9	6 ·48	8 ·06	5
12	Thur.	10	6 ·73	26 ·18	4	11	Sat.	9	... ...	3 ·96	3	12	Fri.	10	7 ·54	9 ·16	6
13	Fri.	11	7 ·73	27 ·19	5	12	Sun.	10	5 ·03	... ...	4	13	Sat.	11	8 ·59	10 ·25	7
14	Sat.	12	8 ·75	1 ·22	6	13	Mon.	11	6 ·09	4 ·04	5	14	Sun.	12	9 ·62	11 ·31	8
15	Sun.	13	9 ·79	2 ·27	7	14	Tues.	12	7 ·16	5 ·13	6	15	Mon.	13	10 ·64	12 ·36	9
16	Mon.	14	10 ·85	3 ·35	8	15	Wed.	13	8 ·24	6 ·24	7	16	Tues.	14	11 ·64	13 ·39	10
17	Tues.	15	11 ·92	4 ·44	9	16	Thur.	14	9 ·33	7 ·35	8	17	Wed.	15	12 ·62	14 ·40	11
18	Wed.	16	... ...	5 ·54	10	17	Fri.	15	10 ·41	8 ·46	9	18	Thur.	16	13 ·57	15 ·40	12
19	Thur.	17	12 ·01	6 ·64	11	18	Sat.	16	11 ·48	9 ·55	10	19	Fri.	17	14 ·50	16 ·37	13
20	Fri.	18	13 ·10	7 ·75	12	19	Sun.	17	12 ·54	10 ·63	11	20	Sat. ○	18	**P** ·42	17 ·32	14
21	Sat.	19	14 ·19	8 ·86	13	20	Mon.	18	13 ·57	11 ·69	12	21	Sun.	19	1 ·33	18 ·27	15
22	Sun.	20	**P** ·27	9 ·94	14	21	Tues.	19	14 ·59	12 ·73	13	22	Mon.	20	2 ·23	19 ·20	16
23	Mon.	21	1 ·33	... ...	15	22	Wed.	20	**P** ·58	13 ·75	14	23	Tues.	21	3 ·13	20 ·13	17
24	Tues.	22	2 ·37	10 ·01	16	23	Thur.	21	1 ·56	14 ·75	15	24	Wed.	22	4 ·03 5 ·93	21 ·07	18
25	Wed.	23	3 ·39	11 ·06	17	24	Fri.	22	2 ·51	15 ·73	16					22 ·00	
26	Thur.	24	4 ·39	12 ·09	18	25	Sat.	23	3 ·45	16 ·69	17	25	Thur.	23	6 ·83	23 ·94	19
27	Fri.	25	5 ·37	13 ·11	19	26	Sun.	24	4 ·38	17 ·65	18	26	Fri.	24	7 ·75	24 ·88	20
28	Sat.	26	6 ·32	14 ·10	20	27	Mon.	25	5 ·30	18 ·59	19	27	Sat.	25	8 ·68	25 ·84	21
—29	Sun.	27	7 ·26	15 ·07	21	28	Tues.	26	6 ·20	19 ·53	20	28	Sun.	26	9 ·61	26 ·82	22
1	Mon.	28	8 ·19	16 ·03 17 ·97	22	29	Wed.	27	7 ·10	20 ·45	21	29	Mon.	27	10 ·57	27 ·80	23
2	Tues.	29	9 ·11	18 ·91	23	30	Thur.	28	8 ·00 9 ·90	21 ·38	22	30	Tues.	28	11 ·54	1 ·81	24
3	Wed.	30	10 ·02 11 ·92	19 ·85	24	1	Fri.	29	10 ·81	22 ·33	23	31	Wed.	29	12 ·54	2 ·84	25
4	Thur.	31	12 ·82	20 ·78	25	2	Sat.	30	11 ·72	23 ·27	24	—32	Thur.	30	13 ·55	3 ·88	26
	Feb.					3	Sun.	31	12 ·64	24 ·21	25	1	Fri.	31	14 ·59	4 ·96	27
Bhāva. **Kumbha—Māsi.**			*Sukla.*				**April.**		*Bahula.*				**June.**				
5	Fri.	1	13 ·72	21 ·71	26	4	Mon.	1	13 ·58	25 ·18	26	2	Sat.	1	—**A** ·64	... ...	28
6	Sat.	2	14 ·63	22 ·64	27	5	Tues.	2	14 ·54	26 ·15	27	3	Sun.	2	1 ·70	5 ·04	—29
7	Sun.	3	—**A** ·55	23 ·59	28	7	Wed.	3	—**A** ·52	27 ·15	28	4	Mon.	3	2 ·78	6 ·14	1
8	Mon.	4	1 ·48	24 ·55	—29	6	Thur.	4	1 ·52	1 ·17	—29	5	Tues.	4	3 ·87	7 ·25	2
9	Tues.	5	2 ·42	25 ·52	1	8	Fri.	5	2 ·55	2 ·21	1	6	Wed.	5	4 ·95	8 ·35	3
10	Wed.	6	3 ·39	26 ·50	2	9	Sat.	6	3 ·59	3 ·27	2	7	Thur.	6	... ...	9 ·46	4
11	Thur.	7	4 ·37	27 ·51	3	10	Sun.	7	4 ·64	4 ·34	3	8	Fri.	7	5 ·02	10 ·55	5
12	Fri.	8	5 ·36	1 ·53	4	11	Mon.	8	5 ·71	5 ·43	4	9	Sat.	8	6 ·08	11 ·62	6
13	Sat.	9	6 ·38	2 ·59	5	12	Tues.	9	6 ·79	6 ·54	5	10	Sun.	9	7 ·12	12 ·68	7
14	Sun.	10	7 ·42	3 ·65	6	13	Wed.	10	7 ·88	7 ·65	6	11	Mon.	10	8 ·13	13 ·71	8
15	Mon.	11	8 ·48	4 ·74	7	14	Thur.	11	8 ·96	8 ·76	7	12	Tues.	11	9 ·12	14 ·73	9
16	Tues.	12	9 ·56	5 ·84	8	15	Fri.	12	.. ..	9 ·85	8	13	Wed.	12	10 ·10	15 ·72	10
17	Wed.	13	10 ·64	6 ·94	9	16	Sat.	13	9 ·03	10 ·93	9						
18	Thur.	14	11 ·73	... ...	10	17	Sun.	14	10 ·08	... ...	10	14	Thur.	13	11 ·05 12 ·99	16 ·70	11
19	Fri.	15	12 ·81	7 ·05	11	18	Mon.	15	11 ·11	11 ·01	11	15	Fri.	14	13 ·91	17 ·65	12
20	Sat.	16	13 ·88	8 ·16	12	19	Tues.	16	12 ·13	12 ·05	12	16	Sat.	15	14 ·82	18 ·60	13
21	Sun.	17	14 ·94	9 ·25	13	20	Wed.	17	13 ·13	13 ·07	13	17	Sun.	16	**P** ·72	19 ·54	14
22	Mon.	18	**P** ·99	10 ·32	14	21	Thur.	18	14 ·11	14 ·07	14	18	Mon.	17	1 ·62	20 ·48	15
23	Tues.	19	... ...	11 ·37	15	22	Fri.	19	**P** ·06	15 ·07	15	19	Tues.	18	2 ·52	21 ·41	16
24	Wed.	20	1 ·01	12 ·41	16	23	Sat.	20	1 ·00	16 ·03	16	20	Wed.	19	3 ·42	22 ·34	17
25	Thur.	21	2 ·00 3 ·98	13 ·43	17				2 ·92	17 ·99		21	Thur.	20	4 ·32	23 ·27	18
26	Fri.	22	4 ·93	14 ·42	18	24	Sun.	21	3 ·83	18 ·93	17	22	Fri.	21	5 ·23	24 ·22	19
27	Sat.	23	5 ·87	15 ·40	19	25	Mon.	22	4 ·73	19 ·86	18	23	Sat.	22	6 ·15	25 ·18	20
28	Sun.	24	6 ·80	16 ·36	20	26	Tues.	23	5 ·63	20 ·79	19	24	Sun.	23	7 ·09	26 ·14	21
29	Mon.	25	7 ·72	17 ·31	21	27	Wed.	24	6 ·53	21 ·73	20	25	Mon.	24	8 ·04	27 ·13	22
—30	Tues.	26	8 ·63	18 ·25	22	28	Thur.	25	7 ·43	22 ·66	21	26	Tues.	25	9 ·01	1 ·13	23
1	Wed.	27	9 ·53	19 ·19	23	29	Fri.	26	8 ·33	23 ·60	22	27	Wed.	26	10 ·01	2 ·15	24
2	Thur.	28	10 ·43	20 ·12	24	30	Sat.	27	9 ·24	24 ·55	23	28	Thur.	27	11 ·02	3 ·20	25
						—31	Sun.	28	10 ·17	25 ·51	24	29	Fri.	28	12 ·06	4 ·26	26
						1	Mon.	29	11 ·11	26 ·48	25	30	Sat.	29	13 ·11	5 ·35	27
						2	Tues.	30	12 ·07	27 ·48	26	—31	Sun.	30	14 ·18	6 ·44	28

Bahula. *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.*

H. 1106 *Jumāda'l akhir.* *H.* 1106 *Rajab.* *H.* 1106 *Sha'bān.* *H.* 1106 *Ramazān.* *H.* 1106 *Shawwāl.* *H.* 1106 *Zi-l-ka'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1695. **Kollam 871,** { **N. Malabar—Sep.** **Hijra 1107.** **Vikrama 1752.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Aug. 2.** **Bengal San. 1101.**
P—Paurnimā. **(N. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Mon.	1	—A ·26	7 ·55	29	—31	Sun.	1	3 ·60	14 ·69	1	1	Fri.	1	5 ·40	20 ·17	3
	Tues.	2	1 ·34	8 ·66	—30	1	Mon.	2	4 ·58	15 ·69	2	2	Sat.	2	6 ·30	21 ·11	4
	Wed.	3	2 ·43	9 ·76	1	2	Tues.	3	5 ·54	16 ·68	3	3	Sun.	3	7 ·20	22 ·04 / 23 ·97	5
	Thur.	4	3 ·50	10 ·86	2	3	Wed.	4	6 ·49	17 ·66	4						
	Fri.	5	4 ·55	11 ·93	3	4	Thur.	5	7 ·42	18 ·62	5	4	Mon.	4	8 ·10	24 ·90	6
	Sat.	6	5 ·59	12 ·99	4	5	Fri.	6	8 ·34	19 ·56	6				9 ·01		
	Sun.	7	6 ·61	... ...	5	6	Sat.	7	9 ·24	20 ·50	7	5	Tues.	5	10 ·93	25 ·84	7
	Mon.	8	7 ·60	13 ·03	6	7	Sun.	8	10 ·14	21 ·43	8	6	Wed.	6	11 ·86	26 ·80	8
	Tues.	9	8 ·58	14 ·05	7	8	Mon.	9	11 ·04 / 12 ·94	22 ·36	9	7	Thur.	7	12 ·80	27 ·77	9
	Wed.	10	9 ·53	15 ·05	8							8	Fri.	8	13 ·75	1 ·75	10
	Thur.	11	10 ·47	16 ·03 / 17 ·99	9	9	Tues.	10	13 ·84	23 ·30	10	9	Sat.	9	14 ·73	2 ·75	11
	Fri.	12	11 ·40	18 ·94	10	10	Wed.	11	14 ·75	24 ·23	11	10	Sun.	10	P ·73	3 ·77	12
	Sat.	13	12 ·31	19 ·89	11	11	Thur.	12	P ·67	25 ·18	12	11	Mon.	11	1 ·74	4 ·82	13
	Sun.	14	13 ·21	20 ·82	12	12	Fri.	13	1 ·61	26 ·13	13	12	Tues.	12	2 ·78	5 ·88	14
	Mon.	15	14 ·11	21 ·75	13	13	Sat.	14	2 ·56	27 ·10	14	13	Wed.	13	3 ·84	6 ·95	15
	Tues.	16	P ·01 / 1 ·91	22 ·68	14	14	Sun.	15	3 ·54	1 ·09	15	14	Thur.	14	4 ·92	... ...	16
	Wed.	17	2 ·81	23 ·61	15	15	Mon.	16	4 ·53	2 ·11	16	15	Fri.	15	... ...	7 ·05	17
	Thur.	18	3 ·72	24 ·56	16	16	Tues.	17	5 ·54	3 ·14	17	16	Sat.	16	5 ·00	8 ·15	18
	Fri.	19	4 ·63	25 ·51	17	17	Wed.	18	6 ·58	4 ·19	18	17	Sun.	17	6 ·09	9 ·27	19
	Sat.	20	5 ·57	26 ·47	18	18	Thur.	19	7 ·64	5 ·26	19	18	Mon.	18	7 ·18	10 ·37	20
	Sun.	21	6 ·52	27 ·45	19	19	Fri.	20	8 ·71	6 ·35	20	19	Tues.	19	8 ·25	11 ·46	21
	Mon.	22	7 ·50	1 ·45	20	20	Sat.	21	9 ·80	7 ·45	21	20	Wed.	20	9 ·31	12 ·54	22
	Tues.	23	8 ·49	2 ·47	21	21	Sun.	22	10 ·88	8 ·56	22	21	Thur.	21	10 ·36	13 ·60	23
	Wed.	24	9 ·51	3 ·51	22	22	Mon.	23	11 ·96	9 ·66	23	22	Fri.	22	11 ·39	14 ·65	24
	Thur.	25	10 ·54	4 ·57	23	23	Tues.	24	... ...	10 ·76	24	23	Sat.	23	12 ·38	15 ·67	25
	Fri.	26	11 ·59	5 ·65	24	24	Wed.	25	12 ·03	11 ·86	25	24	Sun.	24	13 ·36	16 ·67	26
	Sat.	27	12 ·66	6 ·74	25	25	Thur.	26	13 ·09	12 ·93	26	25	Mon.	25	14 ·32	17 ·65	27
	Sun.	28	13 ·74	7 ·84	26	26	Fri.	27	14 ·14	13 ·98	27	26	Tues. ●	26	—A ·26	18 ·62	28
	Mon.	29	14 ·83	8 ·96	27	27	Sat.	28	—A ·16	... ...	28	27	Wed.	27	1 ·19	19 ·57	—29
	Tues.	30	—A ·91	... ...	28	28	Sun.	29	1 ·16	14 ·01	—29	28	Thur.	28	2 ·11	20 ·52	1
	Wed.	31	1 ·98	9 ·06	29	29	Mon.	30	2 ·14	15 ·02	1	29	Fri.	29	3 ·02 / 4 ·93	21 ·45	2
	Aug.						**Oct.**					—30	Sat.	30	5 ·83	22 ·38	3
—32	Thur.	1	... ...	10 ·16	—30								**Dec.**				
1	Fri.	2	2 ·03	11 ·24	1	—30	Tues.	1	3 ·10	16 ·02 / 17 ·99	2	1	Sun.	1	6 ·73	23 ·31	4
2	Sat.	3	3 ·07	12 ·30	2							2	Mon.	2	7 ·63	24 ·24	5
3	Sun.	4	4 ·10	13 ·35	3	1	Wed.	2	4 ·05 / 5 ·98	18 ·95	3	3	Tues.	3	8 ·55	25 ·19	6
4	Mon.	5	5 ·09	14 ·37	4	2	Thur.	3	6 ·89	19 ·90	4	4	Wed.	4	9 ·48	26 ·14	7
5	Tues.	6	6 ·07	15 ·37	5	3	Fri.	4	7 ·80	20 ·83	5	5	Thur.	5	10 ·43	27 ·10	8
6	Wed.	7	7 ·03 / 8 ·97	16 ·35	6	4	Sat.	5	8 ·70	21 ·77	6	6	Fri.	6	11 ·39	1 ·07	9
7	Thur.	8	9 ·89	17 ·33	7	5	Sun.	6	9 ·60	22 ·70	7	7	Sat.	7	12 ·37	2 ·07	10
8	Fri.	9	10 ·80	18 ·28	8	6	Mon.	7	10 ·50	23 ·63	8	8	Sun.	8	13 ·37	3 ·09	11
9	Sat.	10	11 ·71	19 ·22	9	7	Tues.	8	11 ·40	24 ·57	9	9	Mon.	9	14 ·38	4 ·12	12
10	Sun.	11	12 ·61	20 ·16	10	8	Wed.	9	12 ·31	25 ·51	10	10	Tues.	10	P ·43	5 ·18	13
11	Mon.	12	13 ·51	21 ·09	11	9	Thur.	10	13 ·24	26 ·46	11	11	Wed.	11	1 ·49	6 ·26	14
12	Tues.	13	14 ·41	22 ·02 / 23 ·96	12	10	Fri.	11	14 ·18	27 ·44	12	12	Thur.	12	2 ·57	7 ·35	15
13	Wed.	14	P ·32	24 ·90	13	11	Sat.	12	P ·14	1 ·43	13	13	Fri.	13	3 ·65	8 ·46	16
14	Thur.	15	1 ·23	25 ·84	14	12	Sun.	13	1 ·12	2 ·43	14	14	Sat.	14	4 ·74	9 ·56	17
15	Fri.	16	2 ·15	26 ·80	15	13	Mon.	14	2 ·12	3 ·45	15	15	Sun.	15	5 ·83	10 ·67	18
16	Sat.	17	3 ·08	27 ·78	16	14	Tues.	15	3 ·13	4 ·50	16	16	Mon.	16	6 ·90	11 ·77	19
17	Sun.	18	4 ·03	1 ·78	17	15	Wed.	16	4 ·17	5 ·57	17	17	Tues.	17	7 ·96	12 ·85	20
18	Mon.	19	5 ·00 / 6 ·99	2 ·79	18	16	Thur.	17	5 ·22	6 ·65	18	18	Wed.	18	... ...	13 ·91	21
19	Tues.	20	... ...	3 ·82	19	17	Fri.	18	6 ·29	7 ·75	19	19	Thur.	19	8 ·01	14 ·97	22
20	Wed.	21	7 ·00	4 ·88	20	18	Sat.	19	7 ·37	8 ·85	20	20	Fri.	20	9 ·03	15 ·99	23
21	Thur.	22	8 ·04	5 ·95	21	19	Sun.	20	8 ·46	9 ·96	21	21	Sat.	21	10 ·02	... ...	24
22	Fri.	23	9 ·09	... ...	22	20	Mon.	21	9 ·55	... ...	22	22	Sun.	22	11 ·00 / 12 ·97	16 ·00 / 17 ·98	25
23	Sat.	24	10 ·16	6 ·04	23	21	Tues.	22	10 ·63	10 ·07	23	23	Mon.	23	13 ·91	18 ·95	26
24	Sun.	25	11 ·24	7 ·15	24	22	Wed.	23	11 ·69	11 ·16	24	24	Tues.	24	14 ·84	19 ·91	27
25	Mon.	26	12 ·33	8 ·26	25	23	Thur.	24	12 ·73	12 ·24	25	25	Wed.	25	—A ·75	20 ·85	28
26	Tues.	27	13 ·51	9 ·36	26	24	Fri.	25	13 ·75	13 ·29	26	26	Thur.	26	1 ·66	21 ·79	29
27	Wed.	28	14 ·48	10 ·46	27	25	Sat.	26	14 ·76	14 ·33	27	27	Fri.	27	2 ·56	22 ·72	—30
28	Thur.	29	—A ·54	11 ·54	28	26	Sun.	27	—A ·74	15 ·35	28	28	Sat.	28	3 ·47	23 ·65	1
29	Fri.	30	1 ·59	12 ·62	29	27	Mon.	28	1 ·70	16 ·35	29	—29	Sun.	29	4 ·37	24 ·59	2
30	Sat.	31	2 ·61	13 ·67	—30	28	Tues.	29	2 ·64	17 ·32	—30	1	Mon.	30	5 ·28	25 ·53	3
						29	Wed.	30	3 ·57	18 ·28	1	2	Tues.	31	6 ·19	26 ·47	4
						—30	Thur.	31	4 ·49	19 ·23	2						

Yuva. **Karkaṭaka—Ādi.** Bahula. Śukla. **Nija Āshāḍha.** H. 1106 *Zi-l-ḥijja.* Yuva. **Siṅha—Āvani.** Śukla. **Śrāvaṇa.** H. 1107 *Muharram.* Yuva. **Kanyā—Puraṭṭāśi.** Bahula. **Bhādrapada.** H. 1107 *Ṣafar.* Yuva. **Tulā—Aippaśi.** Śukla. **Āśvina.** H. 1107 *Rabī-ul awwal.* Yuva. **Vṛśchika—Kārttigai.** Bahula. **Kārttika.** H. 1107 *Rabī-ul ākhir.* Yuva. **Dhanus—Mārgali.** Śukla. **Mārgaśīrsha.** H. 1107 *Jamāda'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyésh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1696. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·83.** **Śaka 1618.** **Kaliyuga 4797.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·74.** **(S. Cycle) Dhātri.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Yuva.					*Yuva.*		*Phālguna.*							
3	Wed. 1	7 ·12	27 ·43	5	4	Sun. 1	8 ·29	5 ·11	6	3	Fri. 1	10 ·79	11 ·28	8
4	Thur. 2	8 ·07	1 ·40	6	5	Mon. 2	9 ·33	6 ·18	7	4	Sat. 2	11 ·86	12 ·37	9
5	Fri. 3	9 ·04	2 ·40	7	6	Tues. 3	10 ·39	7 ·26	8	5	Sun. 3	12 ·92	13 ·46	10
6	Sat. 4	10 ·02	3 ·40	8	7	Wed. 4	11 ·46	8 ·35	9	6	Mon. 4	13 ·95	14 ·54	11
7	Sun. 5	11 ·01	4 ·44	9	8	Thur. 5	12 ·55	9 ·46	10	7	Tues. 5	14 ·96	15 ·59	12
8	Mon. 6	12 ·03	5 ·49	10	9	Fri. 6	13 ·64	10 ·56	11	8	Wed.○ 6	P 95	16 ·62	13
9	Tues. 7	13 ·07	6 ·56	11	10	Sat. 7	14 ·72	11 ·67	12	9	Thur. 7	1 ·93	17 ·62	14
10	Wed. 8	14 ·13	7 ·66	12	11	Sun. 8	P ·79	12 ·76	13	10	Fri. 8	2 ·88	18 ·60	15
11	Thur. 9	P ·21	8 ·76	13	12	Mon. 9	1 ·84	13 ·85	14	11	Sat. 9	3 ·81	19 ·57	16
12	Fri. 10	1 ·31	9 ·86	14	13	Tues. 10	2 ·88	14 ·91	15	12	Sun. 10	4 ·73	20 ·54	17
13	Sat. 11	2 40	10 ·97	15	14	Wed. 11	3 ·89	15 ·94	16	13	Mon. 11	5 ·64	21 ·49	18
14	Sun. 12	3 ·48	... ...	16	15	Thur. 12	4 ·89	16 ·97	17	14	Tues. 12	6 ·54	22 ·42	19
15	Mon. 13	4 ·56	11 ·07	17	16	Fri 13	5 ·86	17 ·97	18	15	Wed. 13	7 ·44	23 ·35	20
16	Tues. 14	5 ·61	12 ·16	18	17	Sat. 14	6 ·82	18 ·94	19	16	Thur. 14	8 ·34	24 ·28	21
17	Wed. 15	6 ·65	13 ·24	19	18	Sun. 15	7 ·76	19 ·91	20	17	Fri. 15	9 ·24	25 ·22	22
18	Thur. 16	7 ·67	14 ·28	20	19	Mon. 16	8 ·68	20 ·86	21	18	Sat. 16	10 ·15	26 ·16	23
19	Fri. 17	8 ·66	15 ·31	21	20	Tues. 17	9 ·59	21 ·81	22	*Dhātri.*				
20	Sat. 18	9 ·64	16 ·32	22	21	Wed. 18	10 ·49	22 ·74	23	19	Sun. 17	11 ·06 12 ·99	27 ·10	24
21	Sun. 19	10 ·61	17 ·31	23	22	Thur. 19	11 ·39	23 ·67	24	20	Mon. 18	13 ·93	1 ·06	25
22	Mon. 20	11 ·55	18 ·29	24	23	Fri. 20	12 ·29	24 ·60	25	21	Tues. 19	14 ·89	2 ·03	26
23	Tues. 21	12 ·47	19 25	25	24	Sat. 21	13 ·19	25 ·54	26	22	Wed. 20	--A ·87	3 ·02	27
24	Wed. 22	13 ·39	20 ·19	26	25	Sun. 22	14 ·10	26 ·48	27	23	Thur. 21	1 ·86	4 ·03	28
25	Thur. 23	14 ·29	21 ·13	27	26	Mon. 23	A 02 1 ·94	27 ·43	28	24	Fri. 22	2 ·88	5 ·06	—29
26	Fri. 24	—A ·19	22 ·06	28						25	Sat. 23	3 ·92	6 ·10	1
27	Sat. 25	1 ·09	23 ·00 24 ·93	—29	27	Tues. 24	2 ·88	1 ·40	—29	26	Sun. 24	4 ·98	7 ·17	2
28	Sun. 26	2 ·00 3 ·91	25 ·87	1	28	Wed. 25	3 ·85	2 ·37	1	27	Mon. 25	... ...	8 ·26	3
29	Mon. 27	4 ·82	26 ·81	2	29	Thur. 26	4 ·83	3 ·37	2	28	Tues. 26	5 05	9 ·36	4
—30	Tues. 28	5 ·75	27 ·76	3	30	Fri. 27	5 ·83	4 ·38	3	29	Wed. 27	6 ·13	10 ·47	5
1	Wed. 29	6 ·70	1 ·74	4	—31	Sat. 28	6 ·86	5 ·43	4	30	Thur. 28	7 ·22	11 ·57	6
2	Thur. 30	7 ·67	2 ·72	5	1	Sun. 29	7 ·90	6 ·49	5	—31	Fri. 29	8 ·30	12 ·67	7
3	Fri. 31	8 ·65	3 ·73	6	2	Mon. 30	8 ·96	7 ·56	6	1	Sat. 30	9 ·36	13 ·76	8
	Feb.				3	Tues. 31	... ...	8 ·65	7	2	Sun. 31	10 ·41	14 ·84	9
						April.					**June.**			
Yuva.					*Dhātri.*		*Chaitra.*							
4	Sat. 1	9 ·65	4 ·75	7	4	Wed. 1	9 ·03	9 ·76	8	3	Mon. 1	11 ·44	15 ·90	10
5	Sun. 2	10 ·68	5 ·80	8	5	Thur. 2	10 ·11	10 ·87	9	4	Tues. 2	12 ·45	16 ·93	11
6	Mon. 3	11 ·72	6 ·86	9	6	Fri. 3	11 ·20	11 ·98	10	5	Wed. 3	13 ·44	17 ·94	12
7	Tues. 4	12 ·78	7 ·95	10	7	Sat. 4	12 ·28	... ...	11	6	Thur. 4	14 42	18 ·93	13
8	Wed. 5	13 ·85	... ...	11	8	Sun. 5	13 ·35	12 ·07	12	7	Fri. 5	P ·37	19 ·92	14
9	Thur. 6	14 94	8 ·05	12	9	Mon. 6	14 ·40	13 ·15	13	8	Sat. 6	1 ·31	20 ·87	15
10	Fri. 7	... ...	9 ·16	13	10	Tues. 7	P ·44	14 ·22	14	9	Sun. 7	2 ·23	21 ·82	16
11	Sat. 8	P ·03	10 ·27	14	11	Wed. 8	1 ·45	15 27	15	10	Mon. 8	3 ·14	22 ·76	17
12	Sun. 9	1 ·11	11 ·37	15	12	Thur. 9	2 ·44	16 ·29	16	11	Tues. 9	4 ·04 5 ·94	23 ·69	18
13	Mon. 10	2 ·18	12 ·47	16	13	Fri. 10	3 ·41	17 ·29	17	*Dhātri.*				
14	Tues. 11	3 ·24	13 ·54	17	14	Sat. 11	4 ·37	18 ·28	18	12	Wed. 10	6 ·84	24 ·63	19
15	Wed. 12	4 ·28	14 ·59	18	15	Sun. 12	5 ·30	19 ·24	19	13	Thur. 11	7 74	25 ·56	20
16	Thur. 13	5 ·30	15 63	19	16	Mon. 13	6 ·22	20 ·20	20	14	Fri. 12	8 ·64	26 ·50	21
17	Fri. 14	6 ·31	16 ·64	20	17	Tues. 14	7 ·13	21 ·15	21	15	Sat. 13	9 ·55	27 ·43	22
18	Sat. 15	7 ·27	17 64	21	18	Wed. 15	8 ·04 9 ·94	22 ·08	22	16	Sun. 14	10 ·47	1 ·39	23
19	Sun. 16	8 ·22	18 ·62	22						17	Mon. 15	11 ·41	2 ·36	24
20	Mon. 17	9 ·16	19 58	23	19	Thur. 16	10 ·84	23 ·01 24 ·94	23	18	Tues. 16	12 ·36	3 ·35	25
21	Tues. 18	10 ·08	20 53	24						19	Wed. 17	13 ·34	4 ·35	26
22	Wed. 19	11 ·00 12 ·91	21 ·47	25	20	Fri. 17	11 ·74	25 ·87	24	20	Thur. 18	14 ·33	5 ·37	27
23	Thur. 20	13 ·82	22 ·41	26	21	Sat. 18	12 64	26 ·82	25	21	Fri. 19	—A ·35	6 ·41	28
24	Fri. 21	14 ·72	23 34	27	22	Sun. 19	13 ·55	27 ·77	26	22	Sat. 20	1 ·39	7 ·49	29
25	Sat. 22	—A ·62	24 ·26	28	23	Mon. 20	14 ·48	1 ·73	27	23	Sun. 21	2 ·45	8 ·57	—30
26	Sun. 23	1 ·52	25 ·20	29	24	Tues. 21	—A ·42	2 ·70	28	24	Mon. 22	3 ·52	9 ·66	1
27	Mon. 24	2 ·43	26 ·14	—30	25	Wed. 22	1 ·38	3 ·69	29	25	Tues. 23	4 ·60	10 ·77	2
28	Tues. 25	3 ·36	27 ·09	1	26	Thur. 23	2 ·36	4 ·71	—30	26	Wed. 24	5 ·68	11 ·87	3
—29	Wed. 26	4 31	1 ·07	2	27	Fri. 24	3 ·38	5 ·74	1	27	Thur. 25	6 ·76	12 ·97	4
1	Thur. 27	5 ·28	2 ·05	3	28	Sat. 25	4 ·38	6 ·79	2	28	Fri. 26	7 ·83	.. ...	5
2	Fri. 28	6 ·26	3 ·05	4	29	Sun. 26	5 ·42	7 ·87	3	29	Sat. 27	8 ·88	13 ·07	6
3	Sat. 29	7 ·26	4 ·07	5	30	Mon. 27	6 ·48	8 ·95	4	30	Sun. 28	9 ·92	14 ·15	7
					—31	Tues 28	7 ·55	.. ...	5	31	Mon. 29	10 ·93	15 ·21	8
					1	Wed. 29	8 ·61	9 ·06	6	—32	Tues. 30	11 ·93	16 ·25	9
					2	Thur. 30	9 ·72	10 ·17	7					

Yuva. **Kumbha—Māgi.** *Śukla.* *Bahula.* *Śukla.* *H.* 1107 *Jamādal ākhir.* *H.* 1107 *Rajab.*

Dhātri. **Mēsha—Chittirai.** *Śukla.* *Bahula.* *Śukla.* *H.* 1107 *Ramazān.*

Dhātri. **Mithuna—Āni.** *Śukla.* *Bahula.* *Śukla.* *H.* 1107 *Shawwal.*

Yuva. **Makara—Tai.** *Bahula.* *Śukla.* *H.* 1107 *Śha'bān.*

Yuva. **Mīna—Pāṅguni.** *Bahula.* *Śukla.* *H.* 1107 *Rajab.*

Dhātri. **Vṛishabha—Vaigāśi.** *Bahula.* *Śukla.* *H.* 1107 *Zi-l-ka'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1696. **Kollam 872,** { **N. Malabar—Sep.** **Hijra 1108.** **Vikrama 1753.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 21.** **Bengal San. 1102.**
P—Paurnimā. **(N. Cycle) Vyaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Wed.	1	12 ·89	17 ·26	10	1	Tues.	1				1	Sun.	1	2 ·04	5 ·97	15
2	Thur.	2	13 ·85	18 ·27	11	2	Wed.	2				2	Mon.	2	3 ·02	6 ·99	16
3	Fri.	3	14 ·79	19 ·25	12	3	Thur.	3				3	Tues.	3	4 ·02	.. ..	17
4	Sat.	4	P ·71	20 ·21	13	4	Fri.	4				4	Wed.	4	5 ·04	7 ·03	18
5	Sun.	5	1 ·62	21 ·16	14							5	Thur.	5	6 ·08	8 ·10	19
6	Mon.	6	2 ·52	22 ·10	15	5	Sat.	5				6	Fri.	6	7 ·14	9 ·17	20
7	Tues.	7	3 ·42	23 ·04 24 ·97	16	6	Sun.	6				7	Sat.	7	8 ·21	10 ·27	21
8	Wed.	8	4 ·32	25 ·90	17	7	Mon.	7				8	Sun.	8	9 ·30	11 ·37	22
9	Thur.	9	5 ·22	26 ·83	18	8	Tues.	8				9	Mon.	9	10 ·39	12 ·47	23
10	Fri.	10	6 ·12	27 ·77	19	9	Wed.	9				10	Tues.	10	11 ·47	13 ·58	24
11	Sat.	11	7 ·03	1 ·73	20	10	Thur.	10				11	Wed.	11	12 ·55	14 ·68	25
			8 ·95			11	Fri.	11				12	Thur.	12	13 ·61	15 ·76	26
12	Sun.	12	9 ·89	2 ·69	21	12	Sat.	12				13	Fri.	13	14 ·66	16 ·82	27
13	Mon	13	10 ·84	3 ·67	22	13	Sun.	13	12 ·02	10 ·67	25	14	Sat.	14	A ·67	17 ·86	28
14	Tues.	14	11 ·82	4 ·67	23	14	Mon.	14	13 ·10	11 ·78	26	15	Sun.	15	1 ·66	18 ·88	29
15	Wed.	15	12 ·82	5 ·68	24	15	Tues.	15	14 ·18	12 ·88	27	16	Mon.	16	2 ·64	19 ·89	1
16	Thur.	16	13 ·84	6 ·72	25	16	Wed.	16	A ·27	13 ·98	28	17	Tues.	17	3 ·60	20 ·87	2
17	Fri.	17	14 ·87	7 ·79	26	17	Thur	17	1 ·35	.. ..	29	18	Wed.	18	4 ·55	21 ·84	3
18	Sat.	18	A ·92	8 ·87	27	18	Fri.	18	2 ·41	14 ·07	1	19	Thur.	19	5 ·48	22 ·79	4
19	Sun.	19	1 ·99	9 ·96	28	19	Sat.	19	3 ·44	15 ·15	2	20	Fri	20	6 ·40	23 ·73	5
20	Mon.	20	.. ..	.. ..	29	20	Sun.	20	4 ·46	16 ·20	3	21	Sat.	21	7 ·31	24 ·67	6
21	Tues.	21	2 ·07	10 ·06	1	21	Mon.	21	5 ·46	17 ·23	4	22	Sun.	22	8 ·21	25 ·60	7
22	Wed.	22	3 ·16	11 ·17	2	22	Tues.	22	6 ·44	18 ·24	5	23	Mon.	23	9 ·11	26 ·53	8
23	Thur.	23	4 ·24	12 ·28	3	23	Wed.	23	7 ·40	19 ·23	6				10 ·01		
24	Fri.	24	5 ·31	13 ·38	4	24	Thur.	24	8 ·34	20 ·20	7	24	Tues.	24	11 ·02	27 ·46	9
25	Sat.	25	6 ·36	14 ·46	5	25	Fri.	25	9 ·27	21 ·17	8	25	Wed.	25	12 ·83	1 ·40	10
26	Sun.	26	7 ·40	15 ·52	6	26	Sat.	26	10 ·18	22 ·12	9	26	Thur.	26	13 ·79	2 ·36	11
27	Mon	27	8 ·41	16 ·56	7	27	Sun.	27	11 ·09	23 ·05 24 ·98	10	27	Fri.	27	14 ·74	3 ·32	12
28	Tues.	28	9 ·41	17 ·59	8	28	Mon.	28	12 ·00 13 ·90	25 ·91	11	28	Sat.	28	P ·67	4 ·29	13
29	Wed.	29	10 ·38	18 ·59	9	29	Tues.	29	14 ·80	26 ·85	12	29	Sun.	29	1 ·65	5 ·29	14
30	Thur.	30	11 ·34	19 ·57	10	30	Wed.	30	P ·70	27 ·79	13	1	Mon.	30	2 ·65	6 ·30	15
31	Fri.	31	12 ·28	20 ·54	11												
	Aug.						**Oct.**						**Dec.**				
1	Sat.	1	13 ·20	21 ·49	12	31	Thur.	1	1 ·62	1 ·73	14	2	Tues.	1	3 ·68	7 ·35	16
2	Sun.	2	14 ·12	22 ·44	13	1	Fri.	2	2 ·54	2 ·68	15	3	Wed.	2	4 ·72	8 ·40	17
3	Mon.	3	P ·02 1 ·92	23 ·38	14	2	Sat.	3	3 ·48	3 ·65	16	4	Thur.	3	5 ·78	9 ·48	18
4	Tues.	4	2 ·82	24 ·31	15	3	Sun.	4	4 ·44	4 ·65	17	5	Fri.	4	6 ·86	10 ·57	19
5	Wed.	5	3 ·72	25 ·24	16	4	Mon.	5	5 ·42	5 ·65	18	6	Sat.	5	7 ·95	11 ·67	20
6	Thur.	6	4 ·62	26 ·17	17	5	Tues.	6	6 ·41	6 ·67	19	7	Sun.	6		12 ·78	21
7	Fri.	7	5 ·53	27 ·11	18	6	Wed.	7	7 ·4	7 ·72	20	8	Mon.	7	8 ·04	13 ·89	22
8	Sat.	8	6 ·45	1 ·06	19	7	Thur.	8	8 ·47	8 ·78	21	9	Tues.	8	9 ·12	14 ·99	23
9	Sun.	9	7 ·39	2 ·02	20	8	Fri.	9	9 ·52	9 ·87	22	10	Wed.	9	10 ·19	.. ..	24
10	Mon.	10	8 ·34	3 ·00 4 ·99	21	9	Sat.	10	10 ·5	10 ·97	23	11	Thur.	10	11 ·25	15 ·07	25
11	Tues.	11	9 ·32	.. ..	22	10	Sun.	11	11 ·68	.. ..	24	12	Fri.	11	12 ·29	16 ·13	26
12	Wed.	12	10 ·32	5 ·00	23	11	Mon.	12	12 ·77	11 ·07	25	13	Sat.	12	13 ·31	17 ·18	27
13	Thur.	13	11 ·33	6 ·04	24	12	Tues.	13	13 ·86	12 ·18	26	14	Sun.	13	14 ·31	18 ·21	28
14	Fri.	14	12 ·36	7 ·10	25	13	Wed.	14	14 ·9	13 ·28	27	15	Mon.	14	A ·28	19 ·22	29
15	Sat.	15	13 ·42	8 ·17	26	14	Thur.	15	A ·99	14 ·38	28	16	Tues.	15	1 ·24	20 ·20	30
16	Sun	16	14 ·49	9 ·26	27	15	Fri.	15	..	15 ·46	29	17	Wed.	16	2 ·19	21 ·17	1
17	Mon.	17	A ·57	10 ·35	28	16	Sat.	17	1 ·02	16 ·51	30	18	Thur.	17	3 ·1	22 ·12	2
18	Tues.	18	1 ·66	11 ·48	29	17	Sun.	18	2 ·04	17 ·55	1	19	Fri.	18	4 ·04 5 ·94	23 ·07	3
19	Wed.	19	2 ·74	12 ·58	30	18	Mon.	19	3 ·04	18 ·56	2					24 ·01	
20	Thur.	20	3 ·81	13 ·68	1	19	Tues.	20	4 ·03 5 ·99	19 ·56	3	20	Sat.	19	6 ·84	25 ·94	4
21	Fri.	21	4 ·87	14 ·76	2	20	Wed.	21	6 ·91	20 ·54	4	21	Sun.	20	7 ·74	26 ·87	5
22	Sat.	22	5 ·90	15 ·83	3	21	Thur.	22	7 ·86	21 ·49	5	22	Mon.	21	8 ·65	27 ·80	6
23	Sun.	23	6 ·92	16 ·89	4	22	Fri.	23	8 ·77	22 ·45	6	23	Tues.	22	9 ·56	1 ·75	7
24	Mon.	24	7 ·92	17 ·91	5	23	Sat.	24	9 ·68	23 ·39	7	24	Wed.	23	10 ·48	2 ·69	8
25	Tues.	25	8 ·89	18 ·92	6	24	Sun.	25	10 ·58	24 ·32	8	25	Thur.	24	11 ·41	3 ·65	9
26	Wed.	26	9 ·85	19 ·90	7	25	Mon	26	11 ·48	25 ·26	9	26	Fri.	25	12 ·35	4 ·62	10
27	Thur.	27	10 ·79	20 ·87	8	26	Tues.	27	12 ·38	26 ·19	10	27	Sat.	26	13 ·31	5 ·61	11
28	Fri.	28	11 ·72	21 ·84	9	27	Wed.	28	13 ·29	27 ·12	11	28	Sun	27	14 ·30	6 ·62	12
29	Sat.	29	12 ·63	22 ·78	10	28	Thur.	29	14 ·2	1 ·06	12	29	Mon.	28	P ·30	7 ·66	13
30	Sun.	30	13 ·53	23 ·71	11	29	Fri. ○	30	P ·14	2 ·01 3 ·99	13	1	Tues.	29	1 ·32	8 ·71	14
31	Mon.	31	14 ·43	24 ·64	12	30	Sat.	31	1 ·08	4 ·97	14	2	Wed	30	2 ·37	9 ·78	15
												3	Thur.	31	3 ·43	10 ·87	16

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesu. 19. Mula. 20. P. Ash. 21 U. Ash. 22. Srav. 23. Dhani 24. Satab.

A.D. 1697. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·09.** **Śaka 1619.** **Kaliyuga 4798.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·00.** **(S. Cycle) Iśvara.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Dhātri. **Makara—Tāi.** 4	Fri. 1	4 ·51	11 ·97	*H.* 1108 *Jamāda'l ākhir.* 17
5	Sat. 2	5 ·60	... ...	18
6	Sun. 3	*Bahula.* 6 ·69	12 ·08	19
7	Mon. 4	7 ·77	13 ·19	20
8	Tues. 5	8 ·84	14 ·29	21
9	Wed. 6	9 ·90	15 ·37	22
10	Thur. 7	10 ·94	16 ·44	23
11	Fri. 8	11 ·95	17 ·50	24
12	Sat. 9	12 ·95	18 ·53	25
13	Sun. 10	13 ·93	19 ·54	26
14	Mon. 11	14 ·89	20 ·53	27
15	Tues. 12	—**A** ·83	21 ·50	28
16	Wed. 13	1 ·76	22 ·47	—29
17	Thur. 14	2 ·67	23 ·41	1
18	Fri. 15	3 ·58	24 ·35	2
19	Sat. 16	4 ·48	25 ·28	3
20	Sun. 17	5 ·38	26 ·21	4
21	Mon. 18	6 ·28	27 ·15	5
22	Tues. 19	7 ·19	1 ·08	6
23	Wed. 20	8 ·11	2 ·02 / 3 ·98	7
24	Thur. 21	9 ·05	4 ·95	8
25	Fri. 22	10 ·00 / 11 ·96	5 ·91	9
26	Sat. 23	12 ·93	6 ·94	*H.* 1108 *Rajab.* 10
27	Sun. 24	13 ·94	7 ·97	11
28	Mon. 25	14 ·97	... ...	12
29	Tues. 26	... ...	8 ·02	13
—30	Wed. 27	**Māgha.** ☽ ·02	9 ·09	14
1	Thur. 28	1 ·08	10 ·18	15
2	Fri. 29	2 ·16	11 ·28	16
3	Sat. 30	3 ·24	12 ·38	17
4	Sun. 31	4 ·33	13 ·49	18
	Feb.			
Dhātri. **Kumbha—Māśi.** 5	Mon. 1	5 ·41	14 ·59	19
6	Tues. 2	*Bahula.* 6 ·49	15 ·68	20
7	Wed. 3	7 ·55	16 ·76	21
8	Thur. 4	8 ·58	17 ·82	22
9	Fri. 5	9 ·59	18 ·85	23
10	Sat. 6	10 ·58	19 ·86	24
11	Sun. 7	11 ·56	20 ·85	25
12	Mon. 8	12 ·51	21 ·84	26
13	Tues. 9	13 ·45	22 ·80	27
14	Wed. 10	14 ·38	23 ·75	28
15	Thur. 11	—**A** ·29	24 ·68	29
16	Fri. 12	1 ·20	25 ·62	—30
17	Sat. 13	2 ·10	26 ·55	1
18	Sun. 14	3 ·00 / 4 ·90	27 ·48	2
19	Mon. 15	5 ·81	1 ·42	3
20	Tues. 16	6 ·72	2 ·36	4
21	Wed. 17	*Sukla.* 7 ·65	3 ·31	5
22	Thur. 18	8 ·61	4 ·28	6
23	Fri. 19	9 ·58	5 ·27	7
24	Sat. 20	10 ·56	6 ·27	8
25	Sun. 21	11 ·55	7 ·29	9
26	Mon. 22	12 ·58	8 ·33	10
27	Tues. 23	13 ·63	9 ·39	11
28	Wed. 24	14 ·69	10 ·48	12
29	Thur. 25	**Phālguna.** ☽ ·77	11 ·57	13
—30	Fri. 26	1 ·86	12 ·68	14
1	Sat. 27	2 ·95	13 ·79	15
2	Sun. 28	... ...	14 ·89	16

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
3	Mon. 1	3 ·03	15 ·99	17
4	Tues. 2	4 ·09	... ...	18
5	Wed. 3	*Bahula.* 5 ·14	16 ·07	19
6	Thur. 4	6 ·18	17 ·13	20
7	Fri. 5	7 ·19	18 ·16	21
8	Sat. 6	8 ·18	19 ·18	22
9	Sun. 7	9 ·15	20 ·19	23
10	Mon. 8	10 ·11	21 ·17	24
Dhātri. **Mīna—Paiguni.** 11	Tues. 9	11 ·05 / 12 ·98	22 ·13	*H.* 1108 *Sha'bān.* 25
12	Wed. 10	13 ·89	23 ·08	26
13	Thur. 11	14 ·79	24 ·02 / 25 ·95	27
14	Fri. 12	—**A** ·69	26 ·89	28
15	Sat. 13	1 ·59	27 ·82	—29
16	Sun. 14	2 ·49	1 ·76	1
17	Mon. 15	3 ·40	2 ·69	2
18	Tues. 16	4 ·32	3 ·64	3
19	Wed. 17	5 ·25	4 ·62	4
20	Thur. 18	*Sukla.* 6 ·19	5 ·59	5
21	Fri. 19	7 ·15	6 ·59	6
22	Sat. 20	8 ·14	7 ·60	7
23	Sun. 21	9 ·14	8 ·64	8
24	Mon. 22	10 ·17	9 ·70	*H.* 1108 *Ramazān.* 9
25	Tues. 23	11 ·21	10 ·78	10
26	Wed. 24	12 ·27	11 ·87	11
27	Thur. 25	13 ·35	12 ·97	12
28	Fri. 26	14 ·43	... ...	13
29	Sat. 27	**Chaitra.** ☽ ·53	13 ·08	14
—30	Sun. 28	1 ·61	14 ·20	15
1	Mon. 29	2 ·67	15 ·29	16
2	Tues. 30	3 ·72	16 ·37	*H.* 1108 *Shawwāl.* 17
3	Wed. 31	4 ·75	17 ·44	18
	April.			
4	Thur. 1	5 ·75	18 ·48	19
5	Fri. 2	*Bahula.* 6 ·74	19 ·50	20
6	Sat. 3	7 ·71	20 ·51	21
7	Sun. 4	8 ·66	21 ·50	22
8	Mon. 5	9 ·60	22 ·46	23
9	Tues. 6	10 ·53	23 ·42	24
10	Wed. 7	11 ·44	24 ·36	25
Īśvara. **Mēsha—Chittirai.** 11	Thur. 8	12 ·34	25 ·30	26
12	Fri. 9	13 ·24	26 ·23	27
13	Sat. 10	14 ·14	27 ·16	28
14	Sun.● 11	**A** ·04 / 1 ·94	1 ·09	29
15	Mon. 12	2 ·86	2 ·03 / 3 ·99	—30
16	Tues. 13	3 ·79	4 ·94	1
17	Wed. 14	4 ·73	5 ·92	2
18	Thur. 15	5 ·70	6 ·91	3
19	Fri. 16	6 ·68	7 ·92	4
20	Sat. 17	*Sukla.* 7 ·67	8 ·95	5
21	Sun. 18	8 ·70	... ...	*H.* 1108 *Shawwāl.* 6
22	Mon. 19	9 ·74	9 ·01	7
23	Tues. 20	10 ·80	10 ·09	8
24	Wed. 21	11 ·88	11 ·17	9
25	Thur. 22	12 ·98	12 ·27	10
26	Fri. 23	... ...	13 ·38	11
27	Sat. 24	13 ·06	14 ·49	12
28	Sun. 25	14 ·13	15 ·59	13
29	Mon.○ 26	**Vaisākha.** ☽ ·19	16 ·68	14
30	Tues. 27	1 ·24	17 ·75	15
—31	Wed. 28	2 ·27	18 ·79	16
1	Thur. 29	3 ·28	19 ·83	17
2	Fri. 30	4 ·27	20 ·84	18

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
3	Sat. 1	5 ·24	21 ·82	19
4	Sun. 2	6 ·19	22 ·79	20
5	Mon. 3	7 ·13	23 ·75	21
6	Tues. 4	8 ·05 / 9 ·96	24 ·70	22
7	Wed. 5	*Bahula.* 10 ·86	25 ·64	23
8	Thur. 6	11 ·76	26 ·57	24
9	Fri. 7	12 ·66	27 ·50	25
Īśvara. **Vrishabha—Vaigāśi.** 10	Sat. 8	13 ·56	1 ·43	26
11	Sun. 9	14 ·46	2 ·38	27
12	Mon. 10	—**A** ·38	3 ·32	28
13	Tues. 11	1 ·31	4 ·28	—29
14	Wed. 12	2 ·25	5 ·25	1
15	Thur. 13	3 ·21	6 ·23	2
16	Fri. 14	*Sukla.* 4 ·18	7 ·25	3
17	Sat. 15	5 ·18	8 ·28	4
18	Sun. 16	6 ·20	9 ·32	5
19	Mon. 17	7 ·25	10 ·39	6
20	Tues. 18	8 ·31	11 ·48	7
21	Wed. 19	9 ·38	12 ·58	8
22	Thur. 20	10 ·46	13 ·69	9
23	Fri. 21	11 ·54	14 ·79	10
24	Sat. 22	12 ·62	15 ·90	11
25	Sun. 23	13 ·68	16 ·98	12
26	Mon. 24	**Jyeshtha.** 14 ·73	... ..	13
27	Tues. 25	☽ ·76	17 ·06	14
28	Wed. 26	1 ·77	18 ·12	15
29	Thur. 27	2 ·77	19 ·15	16
30	Fri. 28	3 ·74	20 ·16	17
—31	Sat. 29	4 ·69	21 ·15	18
1	Sun. 30	5 ·62	22 ·13	19
2	Mon. 31	6 ·54	23 ·10	20
	June.			
3	Tues. 1	*Bahula.* 7 ·45	24 ·04 / 25 ·98	21
4	Wed. 2	8 ·35	26 ·91	22
5	Thur. 3	9 ·25	27 ·84	23
6	Fri. 4	10 ·15	1 ·78	24
7	Sat. 5	11 ·05 / 12 ·96	2 ·71	25
8	Sun. 6	13 ·87	3 ·65	26
9	Mon. 7	14 ·79	4 ·61	27
Īśvara. **Mithuna—Āni.** 10	Tues. 8	—**A** ·73	5 ·57	28
11	Wed. 9	1 ·69	6 ·56	29
12	Thur. 10	2 ·67	7 ·57	—30
13	Fri. 11	3 ·66	8 ·59	1
14	Sat. 12	4 ·68	9 ·63	2
15	Sun. 13	5 ·73	10 ·70	3
16	Mon. 14	6 ·79	11 ·78	4
17	Tues. 15	*Sukla.* 7 ·86	12 ·88	5
18	Wed. 16	8 ·94	13 ·99	6
19	Thur. 17	... ...	... .	7
20	Fri. 18	9 ·02	14 ·09	8
21	Sat. 19	10 ·10	15 ·20	9
22	Sun. 20	11 ·16	16 ·29	10
23	Mon. 21	12 ·21	17 ·37	11
24	Tues. 22	13 ·24	18 ·43	12
25	Wed. 23	14 ·26	19 ·47	13
26	Thur. 24	☽ ·25	20 ·48	14
27	Fri. 25	1 ·22	21 ·48	15
28	Sat. 26	2 ·17	22 ·49	16
29	Sun. 27	3 ·10	23 ·43	17
30	Mon. 28	4 ·02 / 5 ·93	24 ·38	18
31	Tues. 29	6 ·83	25 ·32	19
—32	Wed. 30	7 ·73	26 ·25	20

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1697. **Kollam 873,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1109.** Commences **July 10.** **Vikrama 1754.** **Bengal San. 1103.** **(N. Cycle) Sarvajit.**

A—Amāvāsyā. **P—Paurnimā.**

July.

Īśvara. **Karkataka—Ādi.** *Śukla.* *Bahula.* **Śrāvaṇa.** *H.* 1109 *Muharram.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Thur. 1	8 ·63	27 ·19	21
2	Fri. 2	9 ·53	1 ·12	22
3	Sat. 3	10 ·44	2 ·05 / 3 ·99	23
4	Sun. 4	11 ·36	4 ·94	24
5	Mon. 5	12 ·29	5 ·90	25
6	Tues. 6	13 ·22	6 ·89	26
7	Wed. 7	14 ·17	7 ·89	27
8	Thur. 8	—**A** ·15	8 ·91	28
9	Fri. 9	1 ·14	9 ·94	—29
10	Sat. 10	2 ·16	... ...	1
11	Sun. 11	3 ·20	10 ·00	2
12	Mon. 12	4 ·25	11 ·09	3
13	Tues. 13	5 ·32	12 ·18	4
14	Wed. 14	6 ·40	13 ·28	5
15	Thur. 15	7 ·49	14 ·39	6
16	Fri. 16	8 ·57	15 ·49	7
17	Sat. 17	9 ·63	16 ·60	8
18	Sun. 18	10 ·68	17 ·68	9
19	Mon. 19	11 ·72	18 ·74	10
20	Tues. 20	12 ·74	19 ·78	11
21	Wed. 21	13 ·72	20 ·80	12
22	Thur. 22	14 ·69	21 ·81	13
23	Fri. 23	**P** ·65	22 ·79	14
24	Sat. 24	1 ·59	23 ·76	15
25	Sun. 25	2 ·51	24 ·71	16
26	Mon. 26	3 ·42	25 ·65	17
27	Tues. 27	4 ·33	26 ·59	18
28	Wed. 28	5 ·23	27 ·53	19
29	Thur. 29	6 ·13	1 ·46	20
30	Fri. 30	7 ·03 / 8 ·93	2 ·39	21
—31	Sat. 31	9 ·84	3 ·32	22

Aug.

Īśvara. **Simha—Avaṇi.** *Śukla.* *Bahula.* **Bhādrapada.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Sun. 1	10 ·77	4 ·27	23
2	Mon. 2	11 ·71	5 ·24	24
3	Tues. 3	12 ·66	6 ·22	25
4	Wed. 4	13 ·64	7 ·21	26
5	Thur. 5	14 ·63	8 ·22	27
6	Fri. 6	—**A** ·65	9 ·25	28
7	Sat. 7	1 ·69	10 ·32	29
8	Sun. 8	2 ·75	11 ·39	—30
9	Mon. 9	3 ·82	12 ·48	1
10	Tues. 10	4 ·90	13 ·58	2
11	Wed. 11	5 ·99	14 ·69	3
12	Thur. 12	... ...	15 ·80	4
13	Fri. 13	6 ·07	16 ·90	5
14	Sat. 14	7 ·13	17 ·98	6
15	Sun. 15	8 ·18	... ...	7
16	Mon. 16	9 ·21	18 ·05	8
17	Tues. 17	10 ·23	19 ·09	9
18	Wed. 18	11 ·23	20 ·13	10
19	Thur. 19	12 ·21	21 ·14	11
20	Fri. 20	13 ·16	22 ·12	12
21	Sat. 21	14 ·10	23 ·09	13
22	Sun. 22	**P** ·03 / 1 ·94	24 ·05 / 25 ·99	14
23	Mon. 23	2 ·84	26 ·93	15
24	Tues. 24	3 ·74	27 ·86	16
25	Wed. 25	4 ·64	1 ·79	17
26	Thur. 26	5 ·54	2 ·72	18
27	Fri. 27	6 ·44	3 ·66	19
28	Sat. 28	7 ·36	4 ·62	20
29	Sun. 29	8 ·29	5 ·57	21
30	Mon. 30	9 ·23	6 ·54	22
—31	Tues. 31	10 ·18	7 ·53	23

Sep.

Īśvara. **Kanyā—Purattāśi.** *Śukla.* *Bahula.* **Āśvina.** *H.* 1109 *Rabi-ul awwal.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Wed. 1	11 ·16	8 ·54	24
2	Thur. 2	12 ·15	9 ·58	25
3	Fri. 3	13 ·17	10 ·63	26
4	Sat. 4	14 ·21	11 ·70	27
5	Sun. 5	—**A** ·27	12 ·78	28
6	Mon. 6	1 ·34	13 ·88	—29
7	Tues. 7	2 ·42	14 ·99	1
8	Wed. 8	3 ·50	... ...	2
9	Thur. 9	4 ·58	15 ·10	3
10	Fri. 10	5 ·65	16 ·20	4
11	Sat. 11	6 ·71	17 ·29	5
12	Sun. 12	7 ·75	18 ·36	6
13	Mon. 13	8 ·76	19 ·41	7
14	Tues. 14	9 ·76	20 ·45	8
15	Wed. 15	10 ·74	21 ·46	9
16	Thur. 16	11 ·70	22 ·45	10
17	Fri. 17	12 ·64	23 ·42	11
18	Sat. 18	13 ·56	24 ·38	12
19	Sun. 19	14 ·48	25 ·34	13
20	Mon. 20	**P** ·39	26 ·27	14
21	Tues. 21	1 ·29	27 ·20	15
22	Wed. 22	2 ·19	1 ·13	16
23	Thur. 23	3 ·09 / 4 ·99	2 ·06	17
24	Fri. 24	5 ·91	3 ·01 / 4 ·95	18
25	Sat. 25	6 ·84	5 ·90	19
26	Sun. 26	7 ·78	6 ·87	20
27	Mon. 27	8 ·74	7 ·85	21
28	Tues. 28	9 ·72	8 ·87	22
29	Wed. 29	10 ·72	9 ·89	23
30	Thur. 30	11 ·73	10 ·94	24

Oct.

Īśvara. **Tulā—Aippaśi.** *Śukla.* *Bahula.* **Kārttika.** *H.* 1109 *Rabi-ul ākhir.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
—31	Fri. 1	12 ·77	... ...	25
1	Sat. 2	13 ·83	11 ·00	26
2	Sun. 3	14 ·90	12 ·08	27
3	Mon. ● 4	—**A** ·98	13 ·18	28
4	Tues. 5	... ..	14 ·29	29
5	Wed. 6	1 ·07	15 ·40	—30
6	Thur. 7	2 ·16	16 ·50	1
7	Fri. 8	3 ·23	17 ·59	2
8	Sat. 9	4 ·28	18 ·67	3
9	Sun. 10	5 ·32	19 ·72	4
10	Mon. 11	6 ·34	20 ·77	5
11	Tues. 12	7 ·35	21 ·78	6
12	Wed. 13	8 ·32	22 ·78	7
13	Thur. 14	9 ·28	23 ·75	8
14	Fri. 15	10 ·22	24 ·72	9
15	Sat. 16	11 ·14	25 ·67	10
16	Sun. 17	12 ·06 / 13 ·97	26 ·61	11
17	Mon. 18	14 ·87	27 ·54	12
18	Tues. ○ 19	**P** ·77	1 ·47	13
19	Wed. 20	1 ·68	2 ·41	14
20	Thur. 21	2 ·59	3 ·34	15
21	Fri. 22	3 ·50	4 ·28	16
22	Sat. 23	4 ·42	5 ·23	17
23	Sun. 24	5 ·36	6 ·20	18
24	Mon. 25	6 ·33	7 ·18	19
25	Tues. 26	7 ·31	8 ·19	20
26	Wed. 27	8 ·31	9 ·21	21
27	Thur. 28	9 ·33	10 ·25	22
28	Fri. 29	10 ·37	11 ·31	23
29	Sat. 30	11 ·43	12 ·39	24
—30	Sun. 31	12 ·51	13 ·49	25

Nov.

Īśvara. **Vṛiśchika—Kārttigai.** *Śukla.* *Bahula.* **Mārgaśirsha.** *H.* 1109 *Rabi-ul ākhir.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Mon. 1	13 ·60	14 ·59	26
2	Tues. 2	14 ·69	15 ·70	27
3	Wed. 3	—**A** ·77	16 ·80	28
4	Thur. 4	1 ·84	17 ·90	—29
5	Fri. 5	2 ·90	18 ·98	1
6	Sat. 6	3 ·94	... ...	2
7	Sun. 7	4 ·96	19 ·04	3
8	Mon. 8	5 ·96	20 ·08	4
9	Tues. 9	6 ·93	21 ·10	5
10	Wed. 10	7 ·89	22 ·10	6
11	Thur. 11	8 ·83	23 ·09	7
12	Fri. 12	9 ·76	24 ·06	8
13	Sat. 13	10 ·68	25 ·01 / 26 ·95	9
14	Sun. 14	11 ·59	27 ·88	10
15	Mon. 15	12 ·49	1 ·82	11
16	Tues. 16	13 ·39	2 ·75	12
17	Wed. 17	14 ·29	3 ·68	13
18	Thur. 18	**P** ·20	4 ·62	14
19	Fri. 19	1 ·12	5 ·57	15
20	Sat. 20	2 ·05 / 3 ·99	6 53	16
21	Sun. 21	4 ·95	7 ·51	17
22	Mon. 22	5 ·93	8 ·51	18
23	Tues. 23	6 ·94	9 ·52	19
24	Wed. 24	7 ·96	10 ·56	20
25	Thur. 25	... ...	11 ·61	21
26	Fri. 26	8 ·01	12 ·70	22
27	Sat. 27	9 ·07	13 ·79	23
28	Sun. 28	10 ·15	14 ·89	24
—29	Mon. 29	11 ·23	... ...	25
1	Tues. 30	12 ·32	15 ·00	26

Dec.

Īśvara. **Dhanus—Mārgali.** *Śukla.* *Bahula.* **Pausha.** *H.* 1109 *Jamāda'l ākhir.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
2	Wed. 1	13 41	16 ·10	27
3	Thur. 2	14 ·49	17 ·20	28
4	Fri. 3	—**A** ·54	18 ·28	29
5	Sat. 4	1 ·58	19 ·35	—30
6	Sun. 5	2 ·61	20 ·40	1
7	Mon. 6	3 ·60	21 ·42	2
8	Tues. 7	4 ·57	22 ·44	3
9	Wed. 8	5 ·52	23 ·42	4
10	Thur. 9	6 ·46	24 ·39	5
11	Fri. 10	7 ·39	25 ·34	6
12	Sat. 11	8 ·31	26 ·28	7
13	Sun. 12	9 ·22	27 ·22	8
14	Mon. 13	10 ·12	1 ·16	9
15	Tues. 14	11 02 / 12 ·92	2 ·09	10
16	Wed. 15	13 ·83	3 ·02 / 4 ·95	11
17	Thur. 16	14 ·75	5 ·90	12
18	Fri. 17	**P** ·68	6 ·87	13
19	Sat. 18	1 ·63	7 ·84	14
20	Sun. 19	2 ·60	8 ·83	15
21	Mon. 20	3 ·59	9 ·84	16
22	Tues. 21	4 ·59	10 ·87	17
23	Wed. 22	5 ·60	11 ·93	18
24	Thur. 23	6 ·65	... ...	19
25	Fri. 24	7 ·72	12 ·00	20
26	Sat. 25	8 ·80	13 ·09	21
27	Sun. 26	9 ·88	14 ·19	22
28	Mon. 27	10 ·98	15 ·29	23
29	Tues. 28	... ...	16 ·41	24
—30	Wed. 29	11 ·06	17 ·51	25
1	Thur. 30	12 ·14	18 ·59	26
2	Fri. 31	13 ·20	19 ·66	27

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. ⏢ Śrav. 23. Dhani. 24. Śatab.

A.D. 1698. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·35.** **Śaka 1620.** **Kaliyuga 4799.**
Lunar Eclipse.○ **(Arya Sid.) March 29·26.** **(S. Cycle) Bahudhānya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
3	Sat. 1	14 ·23	20 ·71	28	3	Tues. 1	14 ·40	24 ·38	28	3	Sun. 1	2 ·86	4 ·65	1
4	Sun. 2	—**A** ·25	21 ·75	—29	4	Wed. 2	—**A** ·34	25 ·35	—29	4	Mon. 2	3 ·77	5 ·59	2
5	Mon. 3	1 ·24	22 ·76	1	5	Thur. 3	1 ·26	26 ·30	1	5	Tues. 3	4 ·69	6 ·53	3
6	Tues. 4	2 ·22	23 ·75	2	6	Fri. 4	2 ·18	27 ·24	2	6	Wed. 4	5 ·61	7 ·50	4
7	Wed. 5	3 ·17	24 ·72	3	7	Sat. 5	3 ·08 / 4 ·98	1 ·17	3	7	Thur. 5	6 ·57	8 ·47	5
8	Thur. 6	4 ·11	25 67	4						8	Fri. 6	7 ·52	9 ·45	6
9	Fri. 7	5 ·04 / 6 ·95	26 ·62	5	8	Sun. 6	5 ·88	2 ·10	4	9	Sat. 7	8 ·51	10 ·46	7
10	Sat. 8	7 ·86	27 ·57	6	9	Mon. 7	6 ·78	3 ·04 / 4 ·97	5	10	Sun. 8	9 ·51	11 ·49	8
11	Sun. 9	8 ·75	1 ·50	7	10	Tues. 8	7 ·69	5 ·91	6	11	Mon. 9	10 ·54	12 ·54	9
12	Mon. 10	9 ·66	2 ·43	8	11	Wed. 9	8 ·61	6 ·86	7	12	Tues. 10	11 ·59	13 ·60	10
13	Tues. 11	10 ·56	3 ·36	9	12	Thur 10	9 ·54	7 ·83	8	13	Wed. 11	12 ·64	14 ·70	11
14	Wed. 12	11 ·47	4 ·29	10	13	Fri. 11	10 ·42	8 ·81	9	14	Thur. 12	13 ·72	15 ·79	12
15	Thur. 13	12 ·39	5 ·24	11	14	Sat. 12	11 ·46	9 ·81	10	15	Fri. 13	14 ·80	16 ·90	13
16	Fri. 14	13 ·32	6 ·20	12	15	Sun. 13	12 ·44	10 ·82	11	16	Sat. 14	15 ·89	...	14
17	Sat. 15	14 ·27	7 ·17	13	16	Mon. 14	13 ·45	11 ·86	12	17	Sun. 15	1 ·96	17 ·02	15
18	Sun. 16	**P** ·24	8 ·15	14	17	Tues. 15	14 ·48	12 ·92	13	18	Mon. 16	... ...	18 ·12	16
19	Mon. 17	1 ·23	9 ·16	15	18	Wed. 16	**P** ·53	13 ·99	14	19	Tues. 17	2 ·02	19 ·20	17
20	Tues. 18	2 ·23	10 ·19	16	19	Thur. 17	1 ·58	... ...	15	20	Wed. 18	3 ·07	20 ·28	18
21	Wed. 19	3 ·25	11 ·24	17	20	Fri. 18	2 ·66	14 ·10	16	21	Thur. 19	4 ·10	21 ·33	19
22	Thur. 20	4 ·31	12 ·31	18	21	Sat. 19	3 ·75	15 ·20	17	22	Fri. 20	5 ·11	22 ·37	20
23	Fri. 21	5 ·38	13 ·39	19	22	Sun. 20	4 ·84	16 ·30	18	23	Sat. 21	6 ·09	23 ·38	21
24	Sat. 22	6 ·45	14 ·49	20	23	Mon. 21	5 ·99	17 ·40	19	24	Sun. 22	7 ·06	24 ·37	22
25	Sun. 23	7 ·53	15 ·60	21	24	Tues. 22	6 ·98	18 ·50	20	25	Mon. 23	8 ·01 / 9 ·94	25 ·35	23
26	Mon. 24	8 ·63	16 ·71	22	25	Wed. 23	... ...	19 ·59	21	26	Tues. 24	10 ·86	26 ·30	24
27	Tues. 25	9 ·71	17 ·81	23	26	Thur. 24	7 ·04	20 ·66	22	27	Wed. 25	11 ·77	27 ·25	25
28	Wed. 26	10 ·79	18 ·90	24	27	Fri. 25	8 ·07	21 ·70	23	28	Thur. 26	12 ·68	1 ·20	26
—29	Thur. 27	11 ·84	19 ·97	25	28	Sat 26	9 ·07	22 ·72	24	29	Fri. 27	13 ·56	2 ·13	27
1	Fri. 28	12 ·88	... .	26	29	Sun. 27	10 ·06	23 ·72	25	30	Sat. 28	14 ·47	3 ·06 / 4 ·99	28
2	Sat. 29	13 ·89	20 ·03	27	—30	Mon. 28	11 ·02 / 12 ·98	24 ·72	26	31	Sun. 29	—**A** ·37	5 ·92	29
3	Sun. 30	14 ·87	21 ·07	28	1	Tues. 29	13 ·91	25 ·68	27	—32	Mon. 30	1 ·28	6 ·87	—30
4	Mon. 31	—**A** ·85	22 ·08	29	2	Wed. 30	14 ·83	26 ·64	28	1	Tues. 31	2 ·19	7 ·83	1
	Feb.				3	Thur. 31	—**A** ·74	27 ·58	29		**June.**			
5	Tues. 1	1 ·80	23 ·07	—30		**April.**				2	Wed. 1	3 ·11	8 ·79	2
6	Wed. 2	2 ·74	24 ·05	1	4	Fri. 1	1 ·64	1 51	- 30	3	Thur. 2	4 ·05	9 ·78	3
7	Thur. 3	3 ·66	25 ·01 / 26 ·97	2	5	Sat. 2	2 ·54	2 ·45	1	4	Fri. 3	5 01	10 ·78	4
8	Fri. 4	4 ·58	27 ·90	3	6	Sun. 3	3 ·44	3 ·38	2	5	Sat. 4	6 ·00 / 7 ·89	11 ·81	5
9	Sat. 5	5 ·48	1 ·83	4	7	Mon. 4	4 ·34	4 ·31	3	6	Sun. 5		12 ·85	6
10	Sun. 6	6 ·38	2 ·76	5	8	Tues. 5	5 ·25	5 25	4	7	Mon. 6	8 ·02	13 ·92	7
11	Mon. 7	7 ·29	3 ·69	6	9	Wed. 6	6 ·17	6 20	5	8	Tues. 7	9 ·06	.	8
12	Tues. 8	8 ·19	4 ·64	7	10	Thur. 7	7 ·09	7 ·16	6	9	Wed. 8	10 ·11	14 ·00	9
13	Wed. 9	9 ·10	5 ·58	8	11	Fri. 8	8 ·04	8 ·14	7	10	Thur. 9	11 ·19	15 ·09	10
14	Thur. 10	10 ·01 / 11 ·94	6 ·53	9	12	Sat. 9	9 ·01 / 10 ·99	9 ·13	8	11	Fri. 10	12 ·28	16 ·20	11
15	Fri. 11	12 ·89	7 ·50	10	13	Sun. 10	... ...	10 ·14	9	12	Sat. 11	13 ·38	17 ·31	12
16	Sat. 12	13 ·87	8 ·48	11	14	Mon. 11	11 ·0	11 ·17	10	13	Sun. 12	14 ·43	18 ·42	13
17	Sun. 13	14 ·85	9 ·49	12	15	Tues. 12	12 ·02	12 ·22	11	14	Mon. 13	**P** ·50	19 ·51	14
18	Mon. 14	**P** ·85	10 ·51	13	16	Wed. 13	13 ·07	13 31	12	15	Tues. 14	1 ·55	20 ·58	15
19	Tues. 15	1 ·88	11 ·55	14	17	Thur. 14	14 ·15	14 ·40	13	16	Wed. 15	2 ·58	21 ·65	16
20	Wed. 16	2 ·92	12 ·61	15	18	Fri. 15	**P** ·21	15 ·50	14	17	Thur. 16	3 ·59	22 ·69	17
21	Thur. 17	3 ·99	13 ·69	16	19	Sat. 16	1 ·29	16 ·60	15	18	Fri. 17	4 ·57	23 ·70	18
22	Fri. 18	... ...	14 ·79	17	20	Sun. 17	2 ·38	17 ·71	16	19	Sat. 18	5 ·54	24 ·70	19
23	Sat. 19	4 ·08	15 ·90	18	21	Mon. 18	3 ·45	18 ·82	17	20	Sun. 19	6 ·49	25 ·67	20
24	Sun. 20	5 ·17	... ...	19	22	Tues. 19	4 ·52	19 ·90	18	21	Mon. 20	7 ·43	26 ·64	21
25	Mon. 21	6 ·25	16 ·01	20	23	Wed. 20	5 ·58	20 ·97	19	22	Tues. 21	8 ·35	27 ·60	22
26	Tues. 22	7 ·33	17 ·11	21	24	Thur. 21	6 ·60		20	23	Wed. 22	9 ·26	1 ·53	23
27	Wed. 23	8 ·40	18 ·20	22	25	Fri. 22	7 ·68	21 ·01	21	24	Thur. 23	10 ·15	2 ·47	24
28	Thur. 24	9 ·45	19 ·28	23	26	Sat. 23	8 ·59	22 ·04	22	25	Fri. 24	11 ·05 / 12 ·95	3 ·40	25
29	Fri. 25	10 ·49	20 ·35	24	27	Sun. 24	9 ·56	23 ·06	23	26	Sat. 25	13 ·84	4 ·33	26
—30	Sat. 26	11 ·50	21 ·39	25	28	Mon. 25	10 ·51	24 ·04	24	27	Sun. 26	14 ·76	5 ·27	27
1	Sun. 27	12 ·4	22 ·40	26	29	Tues. 26	11 ·44	25 ·01 / 26 ·97	25	28	Mon. 27	—**A** ·67	6 ·21	28
2	Mon. 28	18 ·45	23 ·40	27	30	Wed. 27	12 ·38	27 ·91	26	29	Tues. 28	1 ·59	7 ·16	29
					—31	Thur. 28	13 ·27	1 ·86	27	30	Wed. 29	2 ·53	8 ·12	—30
					1	Fri. 29	14 ·18	2 ·79	28	—31	Thur. 30	3 ·49	9 ·10	1
					2	Sat. 30	**A** 07 / 1 97	3 ·72	29					

Īśvara. **Makara—Tai.** *Bahula.* **Māgha.** *Śukla.* *H.* 1109 *Rajab.*

Īśvara. **Kumbha—Māgi.** *Śukla.* **Phālguna.** *Bahula.* *H.* 1109 *Śha'bān.*

Rakshdhava **Mēsha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* *H.* 1109 *Ramazān.*

Bahudhānya **Vṛishabha—Vaigāsi.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 1109 *Shawwāl.*

Bahudhānya. **Mithuna—Āni.** *Śukla.* **Nija Jyeshtha.** *Bahula.* *H.* 1109 *Zi-l-ka'da.*

Naksh: 1. Asvin 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1698. **Kollam 874,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** } **Hijra 1110.** Commences **June 30.** **Vikrama 1755.** **Bangal San. 1104.** **(N. Cycle) Sarvadhārin.**

A—Amāvāsyā. Commences
P—Paurnimā.

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Bahudhānya. **Karkataka—Ādi.**	**July.**				*Bahudhānya.* **Kanyā—Purattāsi.**	**Sep.**				*Bahudhānya.* **Tulā—Aippasi.**	**Nov.**			
1	Fri. 1	4 ·47	10 ·11	2	—31	Thur. 1	7 32	17 ·21	5	1	Tues. 1	8 ·26	23 ·30	7
2	Sat 2	5 ·47	11 ·13	3	1	Fri. 2	8 ·91	18 ·31	6	2	Wed. 2	9 ·24	24 ·32	8
3	Sun. 3	6 ·50	12 ·16	4	2	Sat. 3	9 ·98	19 ·42	7	3	Thur. 3	10 ·22	25 ·32	9
4	Mon. 4	7 54	13 22	5	3	Sun. 4	... ...	20 ·51	8	4	Fri. 4	11 ·17	26 ·30	10
5	Tues. 5	8 ·59	14 ·30	6	4	Mon. 5	10 ·04	21 ·58	9	5	Sat. 5	12 ·12	27 ·26	11
6	Wed. 6	9 ·67	15 ·40	7	5	Tues. 6	11 ·07	22 ·63	10	6	Sun. 6	13 ·04	1 ·23	12
7	Thur. 7	10 ·75	16 ·51	8	6	Wed. 7	12 ·10	23 ·66	11	7	Mon. 7	14 ·96	2 ·17	13
8	Fri. 8	11 ·83	17 ·61	9	7	Thur. 8	13 ·08	24 ·68	12	8	Tues. 8	P ·86	3 ·10	14
9	Sat. 9	12 ·90	18 ·72	10	8	Fri. 9	14 ·05	25 ·67	13	9	Wed. 9	1 ·76	4 ·03	15
10	Sun. 10	13 ·97	19 ·81	11	9	Sat. 10	P ·01	26 ·64	14	10	Thur 10	2 ·67	5 ·97	16
11	Mon. 11	... ...	20 ·89	12			1 ·95			11	Fri. 11	3 ·57	6 ·90	17
12	Tues. 12	14 ·03	21 ·96	13	10	Sun. 11	2 ·87	27 ·60	15	12	Sat. 12	4 ·48	7 ·84	18
13	Wed. 13	P 06	... ...	14	11	Mon. 12	3 ·77	1 ·54	16	13	Sun. 13	5 ·40	8 ·79	19
14	Thur. 14	1 ·07	22 ·09	15	12	Tues. 13	4 ·68	2 ·49	17	14	Mon. 14	6 ·33	9 ·75	20
15	Fri. 15	2 ·06	23 ·02	16	13	Wed. 14	5 ·59	3 ·42	18	15	Tues. 15	7 ·27	10 ·72	21
16	Sat. 16	3 02 / 4 ·97	24 ·02	17	14	Thur. 15	6 ·48	4 ·35	19	16	Wed. 16	8 ·23	11 ·73	22
17	Sun. 17	5 ·91	25 ·00 / 26 ·98	18	15	Fri. 16	7 ·38	5 ·28	20	17	Thur. 17	9 ·22	12 ·74	23
18	Mon. 18	6 ·84	27 ·93	19	16	Sat. 17	8 ·28	6 ·22	21	18	Fri. 18	10 ·22	13 ·78	24
19	Tues. 19	7 ·74	1 ·87	20	17	Sun. 18	9 ·20	7 ·15	22	19	Sat. 19	11 ·25	14 ·83	25
20	Wed. 20	8 ·64	2 ·81	21	18	Mon. 19	10 ·13	8 ·12	23	20	Sun. 20	12 ·29	15 ·91	26
21	Thur. 21	9 ·54	3 ·78	22	19	Tues. 20	11 ·08	9 ·09	24	21	Mon. 21	13 ·36	... ...	27
22	Fri. 22	10 ·43	4 ·67	23	20	Wed. 21	12 ·03	10 ·07	25	22	Tues. 22	14 ·44	16 ·01	28
23	Sat. 23	11 ·33	5 ·61	24	21	Thur. 22	13 ·01	11 ·08	26	23	Wed. 23	A ·52	17 ·11	29
24	Sun. 24	12 ·24	6 ·54	25	22	Fri. 23	14 ·01	12 ·10	27	24	Thur. 24	1 ·61	18 ·22	—30
25	Mon. 25	13 ·16	7 49	26	23	Sat. 24	—A ·03	13 ·16	28	25	Fri. 25	2 ·69	19 ·32	1
26	Tues. 26	14 ·08	8 ·45	27	24	Sun. 25	1 ·08	14 ·22	29	26	Sat. 26	3 ·77	20 ·42	2
27	Wed. 27	A ·01 / 1 ·98	9 ·44	28	25	Mon. 26	2 ·13	15 ·30	—30	27	Sun. 27	4 ·86	21 ·51	3
28	Thur. 28	2 ·96	10 ·43	29	26	Tues. 27	3 ·21	16 ·40	1	28	Mon. 28	5 ·87	22 ·57	4
29	Fri. 29	3 96	11 ·44	—30	27	Wed. 28	4 ·29	17 ·51	2	29	Tues. 29	6 ·89	23 ·62	5
30	Sat. 30	4 ·97	12 ·47	1	28	Thur. 29	5 ·38	18 ·62	3	—30	Wed. 30	7 ·88	24 ·64	6
31	Sun. 31	... ...	13 ·53	2	29	Fri. 30	6 ·47	19 ·72	4			8 ·85	25 ·65	
	Aug.					**Oct.**					**Dec.**			
—32	Mon. 1	5 ·01	14 ·61	3	—30	Sat. 1	7 ·54	20 ·81	5	1	Thur. 1	9 80	26 ·64	7
1	Tues. 2	6 ·08	15 ·70	4	1	Sun. 2	8 ·60	21 ·89	6	2	Fri. 2	10 ·74	27 ·61	8
2	Wed. 3	7 ·15	16 ·80	5	2	Mon. 3	9 ·63	22 ·94	7	3	Sat. 3	11 ·66	1 ·56	9
3	Thur. 4	8 ·23	17 ·91	6	3	Tues. 4	10 ·66	23 ·99	8	4	Sun. 4	12 ·58	2 ·50	10
4	Fri. 5	9 ·31	... ...	7	4	Wed. 5	11 ·64	... ...	9	5	Mon. 5	13 49	3 ·41	11
5	Sat. 6	10 ·40	18 ·01	8	5	Thur. 6	12 ·62	24 ·00	10	6	Tues. 6	14 ·40	4 ·38	12
6	Sun. 7	11 ·48	19 ·11	9	6	Fri. 7	13 ·58	25 ·00 / 26 ·97	11	7	Wed. 7	P ·24	5 ·31	13
7	Mon. 8	12 ·51	20 ·20	10						8	Thur. 8	1 ·20	6 ·24	14
8	Tues. 9	13 ·54	21 ·27	11	7	Sat. 8	14 ·51	27 ·93	12	9	Fri. 9	2 ·11	7 ·17	15
9	Wed. 10	14 ·56	22 ·32	12	8	Sun. 9	P ·44	1 ·89	13	10	Sat. 10	3 ·02 / 4 ·96	8 ·12	16
10	Thur. 11	P ·55	23 ·34	13	9	Mon. 10	1 ·34	2 ·83	14	11	Sun. 11	5 ·91	9 ·08	17
11	Fri. 12	1 ·53	24 35	14	10	Tues. 11	2 ·25	3 ·76	15	12	Mon. 12	6 ·88	10 ·05	18
12	Sat. 13	2 ·49	25 ·34	15	11	Wed. 12	3 ·16	4 ·69	16	13	Tues. 13	7 ·86	11 ·06	19
13	Sun. 14	3 ·42	26 ·31	16	12	Thur. 13	4 ·06 / 5 ·96	5 ·62	17	14	Wed. 14	8 ·87	12 ·06	20
14	Mon. 15	4 ·34	27 ·27	17	13	Fri. 14	6 ·86	6 ·55	18	15	Thur. 15	9 ·90	13 ·09	21
15	Tues. 16	5 ·24	1 ·21	18	14	Sat. 15	7 ·78	7 ·50	19	16	Fri. 16	10 ·94	14 ·14	22
16	Wed. 17	6 ·14	2 ·14	19	15	Sun. 16	8 ·71	8 ·45	20	17	Sat. 17	... .	15 ·23	23
17	Thur. 18	7 ·05 / 8 ·95	3 ·08	20	16	Mon. 17	9 ·76	9 ·42	21	18	Sun. 18	11 ·01	16 ·31	24
18	Fri. 19	9 ·85	4 01 / 5 ·94	21	17	Tues. 18	10 ·61	10 ·40	22	19	Mon. 19	12 ·09	17 ·41	25
19	Sat. 20	10 ·75	6 ·88	22	18	Wed. 19	11 ·60	11 ·40	23	20	Tues. 20	13 ·18	18 ·51	26
20	Sun. 21	11 ·67	7 ·82	23	19	Thur. 20	12 ·61	12 ·42	24	21	Wed. 21	14 ·27	19 ·62	27
21	Mon. 22	12 ·59	8 ·79	24	20	Fri. 21	13 ·63	13 ·47	25	22	Thur. 22	—A ·36	20 ·73	28
22	Tues. 23	13 ·53	9 ·76	25	21	Sat. 22	14 ·67	14 ·53	26	23	Fri. 23	1 ·42	21 ·81	—29
23	Wed. 24	14 ·49	10 ·75	26	22	Sun. 23	—A ·73	15 ·61	27	24	Sat. 24	2 ·47	22 ·88	1
24	Thur. 25	—A ·47	11 ·76	27	23	Mon. 24	1 ·81	16 ·70	28	25	Sun. 25	3 ·51	23 ·93	2
25	Fri. 26	1 ·48	12 ·79	28	24	Tues. 25	2 ·89	17 ·81	—29	26	Mon. 26	4 ·53	24 ·96	3
26	Sat. 27	2 ·49	13 ·84	—29	25	Wed. 26	3 ·99	18 ·92	1	27	Tues. 27	5 ·52	25 ·98	4
27	Sun. 28	3 ·53	14 ·92	1	26	Thur. 27	... ...	.. ...	2	28	Wed. 28	6 ·49	26 ·97	5
28	Mon. 29	4 ·58	.. ...	2	27	Fri. 28	4 ·07	19 ·02	3	—29	Thur. 29	7 ·45	27 ·94	6
29	Tues. 30	5 ·65	15 ·00	3	28	Sat. 29	5 ·14	20 ·12	4	1	Fri. 30	8 ·39	1 ·89	7
30	Wed. 31	6 ·74	16 ·10	4	29	Sun. 30	6 ·19	21 ·20	5	2	Sat. 31	9 ·31	2 ·84	8
					—30	Mon. 31	7 ·22	22 ·26	6					

Sukla. *Bahula.* *H.* 1110 *Muharram.* *H.* 1110 *Śafar.* *H.* 1110 *Rabī-ul awwal.* *H.* 1110 *Rabī-ul ākhir.* *H.* 1110 *Jamāda'l awwal.* *H.* 1110 *Jamāda'l akhir.* *H.* 1110 *Rajab.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1699. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·61.** **Śaka 1621.** **Kaliyuga 4800.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·52.** **(S. Cycle) Pramāthin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
3	Sun. 1	10 ·23	3 ·78	9										
4	Mon. 2	11 ·13	4 ·72	10	3	Wed. 1	10 ·08 / 11 ·98	7 ·19	9					
5	Tues. 3	12 ·03 / 13 ·94	5 ·65	11	4	Thur. 2	12 ·90	8 ·13	10					
6	Wed. 4	14 ·85	6 ·58	12	5	Fri. 3	13 ·84	9 ·08	11					
7	Thur. 5	P ·75	7 ·51	13	6	Sat. 4	14 ·79	10 ·04	12					
8	Fri. 6	1 ·66	8 ·45	14	7	Sun. ○5	P ·75	11 ·02	13					
9	Sat. 7	2 ·60	9 ·42	15	8	Mon. 6	1 ·74	12 ·03	14					
10	Sun. 8	3 ·55	10 ·39	16	9	Tues. 7	2 ·74	13 ·04	15					
11	Mon. 9	4 ·52	11 ·37	17	10	Wed. 8	3 ·77	14 ·08	16					
12	Tues. 10	5 ·51	12 ·37	18	11	Thur. 9	4 ·82	15 ·14	17					
13	Wed. 11	6 ·52	13 ·40	19	12	Fri. 10	5 ·90	16 ·21	18					
14	Thur. 12	7 ·54	14 ·46	20	13	Sat. 11	6 ·98	17 ·31	19					
15	Fri. 13	8 ·59	15 ·53	21	14	Sun. 12	... ...	18 ·42	20					
16	Sat. 14	9 ·66	16 ·61	22	15	Mon. 13	7 ·06	19 ·52	21					
17	Sun. 15	10 ·74	17 ·71	23	16	Tues. 14	8 ·16	20 ·63	22					
18	Mon. 16	11 ·83	18 ·81	24	17	Wed. 15	9 ·23	21 ·72	23					
19	Tues. 17	12 ·92	19 ·93	25	18	Thur. 16	10 ·29	22 ·80	24					
20	Wed. 18	... ...	... ...	26	19	Fri. 17	11 ·34	23 ·88	25					
21	Thur. 19	13 ·00	20 ·03	27	20	Sat. 18	12 ·37	24 ·92	26					
22	Fri. 20	14 ·07	21 ·12	28	21	Sun. 19	13 ·38	25 ·94	27					
23	Sat. 21	A ·13	22 ·19	29	22	Mon. 20	14 ·36	26 ·94	28					
24	Sun. 22	1 ·16	23 ·25	30	23	Tues. ●21	A ·33	27 ·93	29					
25	Mon. 23	2 ·17	24 ·28	1	24	Wed. 22	1 ·27	1 ·90	30					
26	Tues. 24	3 ·16	25 ·30	2	25	Thur. 23	2 ·21	2 ·85	1					
27	Wed. 25	4 ·13	26 ·29	3	26	Fri. 24	3 ·13	3 ·80	2					
28	Thur. 26	5 ·09	27 ·27	4	27	Sat. 25	4 ·04 / 5 ·95	4 ·73	3					
29	Fri. 27	6 ·02 / 7 ·94	1 ·23	5	28	Sun. 26	6 ·84	5 ·66	4					
1	Sat. 28	8 ·85	2 ·17	6	29	Mon. 27	7 ·74	6 ·60	5					
2	Sun. 29	9 ·76	3 ·12	7	30	Tues. 28	8 ·65	7 ·53	6					
3	Mon. 30	10 ·66	4 ·05 / 5 ·98	8	31	Wed. 29	9 ·56	8 ·47	7					
4	Tues. 31	11 ·56	6 ·92	9	1	Thur. 30	10 ·47	9 ·42	8					
	Feb.				2	Fri. 31	11 ·39	10 ·37	9					
5	Wed. 1	12 ·47	7 ·85	10		**April.**					**June.**			
6	Thur. 2	13 ·37	8 ·80	11	3	Sat. 1	12 ·35	11 ·36	10	2	Thur. 1	14 ·44	17 ·22	12
7	Fri. 3	14 ·30	9 ·75	12	4	Sun. 2	13 ·31	12 ·35	11	3	Fri. 2	P ·52	18 ·31	13
8	Sat. 4	P ·24	10 ·72	13	5	Mon. 3	14 ·30	13 ·36	12	4	Sat. 3	1 ·61	19 ·42	14
9	Sun. 5	1 ·19	11 ·70	14	6	Tues. 4	P ·30	14 ·39	13	5	Sun. 4	2 ·69	20 ·53	15
10	Mon. 6	2 ·15	12 ·70	15	7	Wed. 5	1 ·33	15 ·45	14	6	Mon. 5	3 ·76	21 ·64	16
11	Tues. 7	3 ·14	13 ·73	16	8	Thur. 6	2 ·38	16 ·52	15	7	Tues. 6	4 ·83	22 ·73	17
12	Wed. 8	4 ·15	14 ·77	17	9	Fri. 7	3 ·45	17 ·62	16	8	Wed. 7	5 ·88	23 ·80	18
13	Thur. 9	5 ·18	15 ·83	18	10	Sat. 8	4 ·53	18 ·72	17	9	Thur. 8	6 ·91	24 ·86	19
14	Fri. 10	6 ·23	16 ·91	19	11	Sun. 9	5 ·61	19 ·82	18	10	Fri. 9	7 ·91	25 ·91	20
15	Sat. 11	7 ·29	... ...	20	12	Mon. 10	6 ·70	20 ·93	19	11	Sat. 10	8 ·90	26 ·92	21
16	Sun. 12	8 ·37	17 ·00	21	13	Tues. 11	7 ·78	... ...	20	12	Sun. 11	9 ·87	27 ·92	22
17	Mon. 13	9 ·47	18 ·12	22	14	Wed. 12	8 ·84	21 ·03	21	13	Mon. 12	10 ·81	1 ·89	23
18	Tues. 14	10 ·55	19 ·23	23	15	Thur. 13	9 ·88	22 ·12	22	14	Tues. 13	11 ·74	2 ·86	24
19	Wed. 15	11 ·62	20 ·33	24	16	Fri. 14	10 ·90	23 ·19	23	15	Wed. 14	12 ·67	3 ·80	25
20	Thur. 16	12 ·69	21 ·42	25	17	Sat. 15	11 ·92	24 ·23	24	16	Thur. 15	13 ·57	4 ·75	26
21	Fri. 17	13 ·75	22 ·50	26	18	Sun. 16	12 ·90	25 ·26	25	17	Fri. 16	14 ·47	5 ·69	27
22	Sat. 18	14 ·78	23 ·56	27	19	Mon. 17	13 ·87	26 ·27	26	18	Sat. 17	A ·37	6 ·62	28
23	Sun. 19	A ·80	24 ·60	28	20	Tues. 18	14 ·81	27 ·26	27	19	Sun. 18	1 ·26	7 ·55	29
24	Mon. 20	1 ·78	25 ·62	29	21	Wed. 19	A ·75	1 ·23	28	20	Mon. 19	2 ·16	8 ·48	1
25	Tues. 21	2 ·76	26 ·62	1	22	Thur. 20	1 ·67	2 ·19	29	21	Tues. 20	3 ·07 / 4 ·99	9 ·43	2
26	Wed. 22	3 ·70	27 ·60	2	23	Fri. 21	2 ·58	3 ·13	1	22	Wed. 21	5 ·91	10 ·38	3
27	Thur. 23	4 ·63	1 ·56	3	24	Sat. 22	3 ·48	4 ·07	2	23	Thur. 22	6 ·85	11 ·34	4
28	Fri. 24	5 ·55	2 ·52	4	25	Sun. 23	4 ·38	5 ·01 / 6 ·94	3	24	Fri. 23	7 ·81	12 ·32	5
29	Sat. 25	6 ·46	3 ·46	5	26	Mon. 24	5 ·28	7 ·87	4	25	Sat. 24	8 ·79	13 ·32	6
30	Sun. 26	7 ·37	4 ·39	6	27	Tues. 25	6 ·18	8 ·80	5	26	Sun 25	9 ·80	14 ·35	7
1	Mon. 27	8 ·26	5 ·32	7	28	Wed. 26	7 ·09	9 ·75	6	27	Mon. 26	10 ·82	15 ·38	8
2	Tues. 28	9 ·18	6 ·25	8	29	Thur. 27	8 ·00 / 9 ·93	10 ·70	7	28	Tues. 27	11 ·87	16 ·44	9
					30	Fri. 28	10 ·88	11 ·68	8	29	Wed. 28	12 ·93	17 ·52	10
					1	Sat. 29	11 ·85	12 ·67	9	30	Thur. 29	... ...	18 ·61	11
					2	Sun. 30	12 ·83	13 ·69	10	31	Fri. 30	13 ·01	19 ·72	12

Bahudhānya. **Makara—Tai.** *Pausha.* *Bahula.* *Śaka* 1621 *Rajab.* *H.* 1110 *Śha'bān.* *Bahudhānya.* **Mīna—Pāṅguni.** *Bahula.* *Śaka* 1621 *Ramazān.* *H.* 1110 *Ramazān.* *Pramāthin.* **Vṛishabha—Vaigāśi.** *Bahula.* *Śaka* 1621 *Śhawwal.* *H.* 1110 *Śhawwal.* *Pramāthin.* **Mīna—Chittirai.** *Bahula.* *Śaka* 1621 *Zi-l-ka'da.* *H.* 1110 *Zi-l-ka'da.* *Pramāthin.* **Mithuna—Āni.** *Bahula.* *Śaka* 1621 *Zi-l-ḥijja.* *H.* 1110 *Zi-l-ḥijja.* *Bahudhānya.* **Kumbha—Māśi.** *Bahula.* *Śaka* 1621 *Muharram.* *H.* 1111 *Muharram.* *Śukla.* *Śaka* 1621 *Rabi'-ul-awwal.* *H.* 1110 *Rabi'-ul-awwal.* *Śukla.* *Śaka* 1621 *Rabi'-us-sānī.* *H.* 1110 *Rabi'-us-sānī.* *Śukla.* *Śaka* 1621 *Jumāda-l-awwal.* *H.* 1110 *Jumāda-l-awwal.* *Śukla.* *Śaka* 1621 *Jumāda-s-sānī.* *H.* 1110 *Jumāda-s-sānī.* *Śukla.* *Śaka* 1621 *Rajab.* *H.* 1110 *Rajab.* *Śukla.* *Śaka* 1621 *Śha'bān.* *H.* 1110 *Śha'bān.* *Śukla.* *Śaka* 1621 *Ramazān.* *H.* 1110 *Ramazān.* *Śukla.* *Śaka* 1621 *Śhawwal.* *H.* 1110 *Śhawwal.* *Śukla.* *Śaka* 1621 *Zi-l-ka'da.* *H.* 1110 *Zi-l-ka'da.* *Śukla.* *Śaka* 1621 *Zi-l-ḥijja.* *H.* 1110 *Zi-l-ḥijja.* *Śukla.* *Śaka* 1621 *Muharram.* *H.* 1111 *Muharram.*

Naksh:—1. Aśvin 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1699. **Kollam 875,** Commences **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1111.** Commences **June 19.** **Vikrama 1756.** **Bengal San. 1105.** **(N. Cycle) Virodhin.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Pramāthin. **Karkataka—Ādi.** 1	Sat. 1	14 ·09	20 ·88	13
2	Sun. 2	**P** ·16	21 ·94	14
3	Mon. 3	1 ·24	... ...	15
4	Tues. 4	2 ·31	22 ·03	16
5	Wed. 5	3 ·36	23 ·11	17
6	Thur. 6	4 ·38	24 ·18	18
7	Fri. 7	5 ·40	25 ·22	19
8	Sat. 8	6 ·38	26 ·24	20
9	Sun. 9	7 ·34	27 ·24	21
10	Mon. 10	8 ·29	1 ·22	22
11	Tues. 11	9 ·22	2 ·19	23
12	Wed. 12	10 ·15	3 ·15	24
13	Thur. 13	11 ·06 / 12 ·97	4 ·09	*H.* 1111 *Muharram.* 25
14	Fri. 14	13 ·86	5 ·02 / 6 ·96	26
15	Sat. 15	14 ·75	7 ·90	27
16	Sun. 16	—**A** ·65	8 ·83	28
17	Mon. 17	1 ·56	9 ·76	29
18	Tues. 18	2 ·47	10 ·71	—30
19	Wed. 19	3 ·39	11 ·67	1
20	Thur. 20	4 ·34	12 ·65	2
21	Fri. 21	5 ·30	13 ·65	3
22	Sat. 22	6 ·28	14 ·66	4
23	Sun. 23	7 ·28	15 ·70	5
24	Mon. 24	8 ·29	16 ·75	6
25	Tues. 25	9 ·33	17 ·82	7
26	Wed. 26	10 39	18 ·92	8
27	Thur. 27	11 ·47	... ...	9
28	Fri. 28	12 ·56	19 ·02	10
29	Sat. 29	13 ·65	20 ·13	11
30	Sun. 30	14 ·72	21 ·24	12
31	Mon. 31	**P** ·78	22 ·33	13
	Aug.			
—32	Tues. 1	1 ·83	23 ·42	14
1	Wed. 2	2 ·87	24 ·49	15
2	Thur. 3	3 ·89	25 ·54	16
3	Fri. 4	4 ·87	26 ·56	17
4	Sat. 5	5 ·84	27 ·57	18
5	Sun. 6	6 ·79	1 ·55	19
6	Mon. 7	7 ·73	2 ·53	20
7	Tues. 8	8 ·65	3 ·48	21
8	Wed. 9	9 ·55	4 ·43	22
9	Thur. 10	10 ·45	5 ·36	23
10	Fri. 11	11 ·35	6 ·29	24
11	Sat. 12	12 ·26	7 ·23	25
12	Sun. 13	13 ·16	8 ·16	26
13	Mon. 14	14 ·06 / **A** ·97	9 ·10	27
14	Tues. 15	1 ·90	10 ·04	28
15	Wed. 16	2 ·84	11 ·00 / 12 ·98	— 29
16	Thur. 17	3 ·80	13 ·97	1
17	Fri. 18	4 ·79	14 ·98	2
18	Sat. 19	5 ·78	... ...	3
19	Sun. 20	6 ·80	15 ·01	4
20	Mon. 21	7 ·84	16 ·06	5
21	Tues. 22	8 ·90	17 ·13	6
22	Wed. 23	9 ·98	18 ·22	7
23	Thur. 24	... ...	19 ·32	8
24	Fri. 25	10 ·08	20 ·43	9
25	Sat. 26	11 ·16	21 ·53	10
26	Sun. 27	12 ·24	22 ·63	11
27	Mon. 28	13 ·30	23 ·73	12
28	Tues. 29	14 ·34	24 ·80	13
29	Wed. ○ 30	**P** ·38	25 ·85	14
30	Thur. 31	1 ·40	26 ·88	15

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
—31	Fri. 1	*Bahula.* **Bhād.** 2 ·38	27 ·89	16
1	Sat. 2	3 ·36	1 ·89	17
2	Sun. 3	4 ·31	2 ·86	18
3	Mon. 4	5 ·25	3 ·82	19
4	Tues. 5	6 ·17	4 ·76	20
5	Wed. 6	7 ·08	5 ·70	21
6	Thur. 7	8 ·98	6 ·63	22
7	Fri. 8	9 ·88	7 ·57	23
8	Sat. 9	10 ·78	8 ·50	24
9	Sun. 10	11 ·68	9 ·44	25
10	Mon. 11	12 ·59	10 ·38	26
11	Tues. 12	13 ·51	11 ·34	27
12	Wed. 13	14 ·44	11 ·34	*H.* 1111 *Rabī-ul awwal.* 27
13	Thur. 14	—**A** ·38	12 ·31	28
14	Fri. 15	1 ·33	13 ·29	29
15	Sat. 16	2 ·32	14 ·30	—30
16	Sun. 17	3 ·31	15 ·32	1
17	Mon. 18	4 ·34	16 ·37	2
18	Tues. 19	5 ·39	17 ·44	3
19	Wed. 20	6 ·45	18 ·52	4
20	Thur. 21	*Sukla.* 7 ·52	19 ·62	5
21	Fri. 22	8 ·61	20 ·73	6
22	Sat. 23	9 ·69	21 ·83	7
23	Sun. 24	10 ·77	22 ·94	8
24	Mon. 25	11 ·85	... ...	9
25	Tues. 26	12 ·90	23 ·03	10
26	Wed. 27	13 ·93	24 ·11	11
27	Thur. 28	14 ·95	25 ·16	12
28	Fri. 29	**P** ·94	26 ·20	13
29	Sat. 30	1 ·91	27 ·20	14
		2 ·87	1 ·22	15
	Oct.			
—30	Sun. 1	3 ·81	2 ·19	16
1	Mon. 2	4 ·73	3 ·15	17
2	Tues. 3	5 ·64	4 ·10	18
3	Wed. 4	6 ·54	5 ·05 / 6 ·98	19
4	Thur. 5	7 ·45	7 ·91	20
5	Fri. 6	8 ·34	8 ·84	21
6	Sat. 7	9 ·24	9 ·77	22
7	Sun. 8	10 ·15	10 ·71	23
8	Mon. 9	11 ·07	11 ·67	24
9	Tues. 10	12 ·01 / 13 ·95	12 ·64	25
10	Wed. 11	14 ·92	13 ·62	26
11	Thur. 12	—**A** ·90	14 ·62	27
12	Fri. 13	1 ·91	15 ·64	28
13	Sat. 14	2 ·92	16 ·69	—29
14	Sun. 15	3 ·97	17 ·75	1
15	Mon. 16	... ...	18 ·83	2
16	Tues. 17	*Sukla.* 4 ·04	19 ·92	3
17	Wed. 18	5 ·11	... ...	4
18	Thur. 19	6 ·19	20 ·02	5
19	Fri. 20	7 ·28	21 ·14	6
20	Sat. 21	8 ·37	22 ·24	7
21	Sun. 22	9 ·44	23 ·34	8
22	Mon. 23	10 ·49	24 ·41	9
23	Tues. 24	11 ·52	25 ·47	10
24	Wed. 25	12 ·54	26 ·52	11
25	Thur. 26	13 ·54	27 ·54	12
26	Fri. 27	14 ·51	1 ·54	13
27	Sat. 28	**P** ·47	2 ·52	14
28	Sun. 29	1 ·41	3 ·48	15
29	Mon. 30	2 ·33	4 ·45	16
—30	Tues. 31	3 ·24	5 ·39	17

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
1	Wed. 1	4 ·14	6 ·32	18
2	Thur. 2	5 ·05 / 6 ·94	7 ·25	19
3	Fri. 3	7 ·85	8 ·18	20
4	Sat. 4	8 ·76	9 ·11	21
5	Sun. 5	9 ·69	10 ·06	22
6	Mon. 6	10 ·62	11 ·01 / 12 ·97	23
7	Tues. 7	11 ·56	13 ·93	24
8	Wed. 8	12 ·52	14 ·94	25
9	Thur. 9	13 ·51	15 ·96	26
10	Fri. 10	14 ·52	... ...	27
11	Sat. 11	—**A** ·54	16 ·00	28
12	Sun. 12	1 ·59	17 ·05	29
13	Mon. 13	2 ·66	18 ·13	—30
14	Tues. 14	3 ·74	19 ·22	1
15	Wed. 15	4 ·82	20 ·33	2
16	Thur. 16	5 ·90	21 ·44	3
17	Fri. 17	6 ·99	22 ·54	4
18	Sat. 18	... ..	23 ·64	5
19	Sun. 19	7 ·06	24 ·72	6
20	Mon. 20	8 ·12	25 ·79	7
21	Tues. 21	9 ·15	26 ·85	8
22	Wed. 22	10 ·18	27 ·86	9
23	Thur. 23	11 ·16	1 ·87	10
24	Fri. 24	12 ·13	2 ·85	11
25	Sat. 25	13 ·08	3 ·82	12
26	Sun. 26	14 ·02 / **P** ·95	4 ·77	13
27	Mon. 27	1 ·86	5 ·72	14
28	Tues. 28	2 ·77	6 ·66	15
29	Wed. 29	3 ·67	7 ·59	16
—30	Thur. 30	4 ·56	8 ·52	17
	Dec.			
1	Fri. 1	5 ·47	9 ·45	18
2	Sat. 2	6 ·38	10 ·39	19
3	Sun. 3	7 ·31	11 ·34	20
4	Mon. 4	8 ·24	12 ·30	21
5	Tues. 5	9 ·20	13 ·27	22
6	Wed. 6	10 ·16	14 ·27	23
7	Thur. 7	11 ·14	15 ·28	24
8	Fri. 8	12 ·16	16 ·31	25
9	Sat. 9	13 ·18	17 ·36	26
10	Sun. 10	14 ·24	18 ·43	27
11	Mon. 11	—**A** ·30	19 ·53	28
12	Tues. 12	1 ·38	20 ·63	—29
13	Wed. 13	2 ·47	21 ·73	1
14	Thur. 14	3 ·56	22 ·84	2
15	Fri. 15	4 ·64	23 ·94	3
16	Sat. 16	5 ·71	... ...	4
17	Sun. 17	6 ·77	24 ·04	5
18	Mon. 18	7 ·80	25 ·10	6
19	Tues. 19	8 ·82	26 ·15	7
20	Wed. 20	9 ·80	27 ·18	8
21	Thur. 21	10 ·78	1 ·19	9
22	Fri. 22	11 ·73	2 ·18	10
23	Sat. 23	12 ·66	3 ·16	11
24	Sun. 24	13 ·59	4 ·11	12
25	Mon. 25	14 ·50	5 ·06 / 6 ·99	13
26	Tues. 26	**P** ·41	7 ·92	14
27	Wed. 27	1 ·31	8 ·86	15
28	Thur. 28	2 ·22	9 ·79	16
—29	Fri. 29	3 ·12	10 ·73	17
1	Sat. 30	4 ·03 / 5 ·96	11 ·67	18
2	Sun. 31	6 ·89	12 ·63	19

13 Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1700. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·87.** **Śaka 1622.** **Kaliyuga 4801.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·78.** **(S. Cycle) Vikrama.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Mon.	1	7 ·84	13 ·61	20	4	Fri.	1	7 ·09	18 ·36	21	3	Wed.	1	9 ·61	24 ·55	23
4	Tues.	2	8 ·80	14 ·59	21	5	Sat.	2	8 ·13	19 ·43	22	4	Thur.	2	10 ·67	25 ·64	24
5	Wed.	3	9 ·79	15 ·60	22	6	Sun.	3	9 ·20	20 ·53	23	5	Fri.	3	11 ·72	26 ·71	25
6	Thur.	4	10 ·79	16 ·62	23	7	Mon.	4	10 ·28	21 ·63	24	6	Sat.	4	12 ·74	27 ·77	26
7	Fri.	5	11 ·83	17 ·67	24	8	Tues.	5	11 ·37	22 ·75	25	7	Sun.	5	13 ·75	1 ·80	27
8	Sat.	6	12 ·88	18 ·75	25	9	Wed.	6	12 ·45	23 ·85	26	8	Mon.	6	14 ·73	2 ·81	28
9	Sun.	7	13 ·96	19 ·83	26	10	Thur.	7	13 ·53	24 ·95	27	9	Tues.	7	—**A** ·70	3 ·80	29
10	Mon.	8	... ...	20 ·93	27	11	Fri.	8	14 ·59	... ...	28	10	Wed.	8	1 ·64	4 ·78	—30
11	Tues.	9	14 ·04	... ...	28	12	Sat.	9	—**A** ·64	25 ·03	29	11	Thur.	9	2 ·57	5 ·74	1
12	Wed.	10	—**A** ·12	21 ·03	29	13	Sun.	10	1 ·68	26 ·09	—30	12	Fri.	10	3 ·49	6 ·69	2
13	Thur.	11	1 ·22	22 ·14	—30	14	Mon.	11	2 ·68	27 ·14	1	13	Sat.	11	4 ·39	7 ·63	3
14	Fri.	12	2 ·30	23 ·24	1	15	Tues.	12	3 ·67	1 ·16	2	14	Sun.	12	5 ·30	8 ·56	4
15	Sat.	13	3 ·36	24 ·34	2	16	Wed.	13	4 ·63	2 ·16	3	15	Mon.	13	6 ·19	9 ·50	5
16	Sun.	14	4 ·41	25 ·41	3	17	Thur.	14	5 ·58	3 ·15	4	16	Tues.	14	7 ·10 8 ·99	10 ·43	6
17	Mon.	15	5 ·44	26 ·47	4	18	Fri.	15	6 ·51	4 ·11	5	17	Wed.	15	9 ·90	11 ·36	7
18	Tues.	16	6 ·46	27 ·50	5	19	Sat.	16	7 ·43	5 ·07	6	18	Thur.	16	10 ·82	12 ·30	8
19	Wed.	17	7 ·44	1 ·51	6	20	Sun.	17	8 ·34	6 ·02 7 ·95	7	19	Fri.	17	11 ·75	13 ·26	9
20	Thur.	18	8 ·43	2 ·51	7	21	Mon.	18	9 ·23	8 ·88	8	20	Sat.	18	12 ·70	14 ·23	10
21	Fri.	19	9 ·37	3 ·49	8	22	Tues.	19	10 ·13	9 ·81	9	21	Sun.	19	13 ·66	15 ·22	11
22	Sat.	20	10 ·30	4 ·45	9	23	Wed.	20	11 ·03 12 ·94	10 ·74	10	22	Mon.	20	14 ·65	16 ·22	12
23	Sun.	21	11 ·22	5 ·39	10	24	Thur.	21	13 ·85	11 ·69	11	23	Tues.	21	**P** ·64	17 ·24	13
24	Mon.	22	12 ·14	6 ·33	11	25	Fri.	22	14 ·77	12 ·64	12	24	Wed.	22	1 ·67	18 ·28	14
25	Tues.	23	13 ·04 14 ·94	7 ·27	12	26	Sat.	23	**P** ·70	13 ·59	13	25	Thur.	23	2 ·73	19 ·36	15
26	Wed.	24	**P** ·84	8 ·20	13	27	Sun.	24	1 ·66	14 ·57	14	26	Fri.	24	3 ·79	20 ·44	16
27	Thur.	25	1 ·75	9 ·13	14	28	Mon.	25	2 ·63	15 ·56	15	27	Sat.	25	4 ·86	21 ·53	17
28	Fri.	26	2 ·66	10 ·07	15	29	Tues.	26	3 ·61	16 ·58	16	28	Sun.	26	5 ·95	22 ·64	18
29	Sat.	27	3 ·58	11 ·01 12 ·97	16	30	Wed.	27	4 ·62	17 ·61	17	29	Mon.	27	... ...	23 ·75	19
—30	Sun.	28	4 ·53	13 ·94	17	—31	Thur.	28	5 ·66	18 ·67	18	30	Tues.	28	6 ·04	24 ·86	20
1	Mon.	29	5 ·48	14 ·92	18		Fri.	29	6 ·71	19 ·74	19	—31	Wed.	29	7 ·11	25 ·95	21
2	Tues.	30	6 ·44	15 ·92	19	2	Sat.	30	7 ·77	20 ·83	20	1	Thur.	30	8 ·16	... ...	22
3	Wed.	31	7 ·43	16 ·94	20	3	Sun.	31	8 ·84	21 ·94	21	2	Fri.	31	9 ·21	26 ·02	23
	Feb.						**April.**						**June.**				
4	Thur.	1	8 ·43	17 ·99	21		Mon.	1	9 ·93	... ...	22	3	Sat.	1	10 ·23	27 ·08	24
5	Fri.	2	9 ·47	... ...	22	5	Tues.	2	... ...	22 ·04	23	4	Sun.	2	11 ·24	1 ·12	25
6	Sat.	3	10 ·53	13 ·04	23	6	Wed.	3	10 ·02	23 ·15	24	5	Mon.	3	12 ·22	2 ·13	26
7	Sun.	4	11 ·60	19 ·13	24	7	Thur.	4	11 ·10	24 ·25	25	6	Tues.	4	13 ·19	3 ·14	27
8	Mon.	5	12 ·67	20 ·23	25	8	Fri.	5	12 ·16	25 ·33	26	7	Wed.	5	14 ·13	4 ·11	28
9	Tues.	6	13 ·75	21 ·33	26	9	Sat.	6	13 ·21	26 ·41	27	8	Thur.	6	**A** ·07 1 ·98	5 ·08	—29
10	Wed.	7	14 ·85	22 ·44	27	10	Sun.	7	14 ·22	27 ·46	28						
11	Thur.	8	—**A** ·93	23 ·55	28	11	Mon.	8	—**A** ·23	1 ·48	—29	9	Fri.	7	2 ·89	6 ·02 7 ·96	1
12	Fri.	9	... ...	24 ·64	—29	12	Tues.	9	1 ·22	2 ·49	1	10	Sat.	8	3 ·79	8 ·91	2
13	Sat.	10	1 ·00	25 ·72	1	13	Wed.	10	2 ·18	3 ·47	2	11	Sun.	9	4 ·68	9 ·84	3
14	Sun.	11	2 ·05	26 ·78	2	14	Thur.	11	3 ·13	4 ·45	3	12	Mon.	10	5 ·59	10 ·76	4
15	Mon.	12	3 ·07	27 ·82	3	15	Fri.	12	4 ·05 5 ·97	5 ·41	4	13	Tues.	11	6 ·48	11 ·70	5
16	Tues.	13	4 ·08	1 ·84	4	16	Sat.	13	6 ·88	6 ·35	5	14	Wed.	12	7 ·39	12 ·64	6
17	Wed.	14	5 ·08	2 ·84	5	17	Sun.	14	7 ·79	7 ·29	6	15	Thur.	13	8 ·31	13 ·60	7
18	Thur.	15	6 ·05 7 ·99	3 ·82	6	18	Mon.	15	8 ·68	8 ·22	7	16	Fri.	14	9 ·23	14 ·56	8
19	Fri.	16	8 ·92	4 ·79	7	19	Tues.	16	9 ·58	9 ·15	8	17	Sat.	15	10 ·18	15 ·54	9
20	Sat.	17	9 ·84	5 ·73	8	20	Wed.	17	10 ·49	10 ·09	9	18	Sun.	16	11 ·14	16 ·54	10
21	Sun.	18	10 ·75	6 ·68	9	21	Thur.	18	11 ·39	11 ·02 12 ·97	10	19	Mon.	17	12 ·12	17 ·56	11
22	Mon.	19	11 ·66	7 ·61	10							20	Tues.	18	13 ·12	18 ·60	12
23	Tues.	20	12 ·57	8 ·54	11	22	Fri.	19	12 ·31	13 ·92	11	21	Wed.	19	14 ·16	19 ·66	13
24	Wed.	21	13 ·46	9 ·47	12	23	Sat.	20	13 ·24	14 ·89	12	22	Thur.	20	**P** ·20	20 ·74	14
25	Thur.	22	14 ·36	10 ·40	13	24	Sun.	21	14 ·20	15 ·89	13	23	Fri.	21	1 ·26	21 ·83	15
26	Fri.○	23	**P** ·27	11 ·35	14	25	Mon.	22	**P** ·16	16 ·90	14	24	Sat.	22	2 ·34	22 ·93	16
27	Sat.	24	1 ·19	12 ·30	15	26	Tues.	23	1 ·14	17 ·93	15	25	Sun.	23	3 ·42	... ...	17
28	Sun.	25	2 ·12	13 ·26	16	27	Wed.	24	2 ·15	18 ·97	16	26	Mon.	24	4 ·50	23 ·04	18
—29	Mon.	26	3 ·09	14 ·24	17	28	Thur.	25	3 ·18	... ..	17	27	Tues.	25	5 ·57	24 ·15	19
1	Tues.	27	4 ·06	15 ·24	18	29	Fri.	26	4 ·23	19 ·04	18	28	Wed.	26	6 ·64	25 ·25	20
2	Wed.	28	5 ·04	16 ·25	19	30	Sat.	27	5 ·29	20 ·14	19	29	Thur.	27	7 ·68	26 ·33	21
3	Thur.	29	6 ·05	17 ·30	20	—31	Sun.	28	6 ·37	21 ·24	20	30	Fri.	28	8 ·71	27 ·39	22
						1	Mon.	29	7 ·46	22 ·34	21	31	Sat.	29	9 ·72	1 ·43	23
						2	Tues.	30	8 ·53	23 ·45	22	—32	Sun.	30	10 ·69	2 ·46	24

Pramāthin. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H.* 1111 *Śha'bān.*
Pramāthin. **Mīna—Pāguni.** *Śukla.* **Chaitra.** *Bahula.* *H.* 1111 *Shawwāl.*
Vikrama. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.*
Pramāthin. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H.* 1111 *Ramaẓān.*
Vikrama. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 1111 *Zī-l-ka'da.*
Vikrama. **Mithuna—Āni.** *Śukla.* **Āshādha.** *Bahula.* *H.* 1112 *Muharram.*

Naksh:—1 Asvin 2. Bhar. 3 Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1700. **Kollam 876,** Commences **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1112.** Commences **June 7.** **Vikrama 1757.** **Bengal San. 1106.** **(N. Cycle) Vikṛita.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Vikrama. **Karkaṭaka—Ādi.**	**July.**		*Śukla.*		H. 1112 *Śafar.*	*Vikrama.* **Kanyā—Puraṭṭāsi.**	**Sep.**		*Śukla.*		H. 1112 *Rabi-ul ākhir.*	*Vikrama.* **Vṛiśchika—Karttigai.**	**Nov.**		*Śukla.*		H. 1112 *Jamāda'l ākhir.*
1	Mon.	1	11 ·66	3 ·46	25	1	Sun.	1	14 ·08	11 ·72	28	1	Fri.	1	2 ·80	17 ·16	—30
2	Tues.	2	12 ·61	4 ·44	26				A ·98			2	Sat.	2	3 ·80	18 ·17	1
3	Wed.	3	13 ·55	5 ·41	27	2	Mon.	2	1 ·89	12 ·66	29	3	Sun.	3	4 ·84	19 ·22	2
4	Thur.	4	14 ·45	6 ·36	28	3	Tues.	3	2 ·81	13 ·60	—30	4	Mon.	4	5 ·88	20 ·27	3
5	Fri.	5	—A ·37	7 ·31	29	4	Wed.	4	3 ·74	14 ·55	1	5	Tues.	5	6 ·95	21 ·35	4
6	Sat.	6	1 ·27	8 ·24	—30	5	Thur.	5	4 ·69	15 ·52	2	6	Wed.	6	... ...	22 ·44	5
7	Sun.	7	2 ·17	9 ·17	1	6	Fri.	6	5 ·65	16 ·51	3	7	Thur.	7	7 ·03	23 ·54	6
8	Mon.	8	3 ·06 4 ·96	10 ·10	2	7	Sat.	7	6 ·62	17 ·52	4	8	Fri.	8	8 ·12	24 ·66	7
				11 ·03		8	Sun.	8	7 ·62	18 ·54	5	9	Sat.	9	9 ·21	25 ·76	8
9	Tues.	9	5 ·87	12 ·98	3	9	Mon.	9	8 ·65	19 ·59	6	10	Sun.	10	10 ·29	26 ·86	9
10	Wed.	10	6 ·79	13 ·93	4	10	Tues.	10	9 ·70	20 ·65	7	11	Mon.	11	11 ·36	27 ·94	10
11	Thur.	11	7 ·71	14 ·89	5	11	Wed.	11	10 ·76	21 ·74	8	12	Tues.	12	12 ·42	... ...	11
12	Fri.	12	8 ·66	15 ·87	6	12	Thur.	12	11 ·84	22 ·84	9	13	Wed.	13	13 ·46	1 ·00	12
13	Sat.	13	9 ·63	16 ·86	7	13	Fri.	13	12 ·92	23 ·95	10	14	Thur.	14	14 ·46	2 ·05	13
14	Sun.	14	10 ·60	17 ·88	8	14	Sat.	14	... ...	... ...	11	15	Fri.	15	P ·44	3 ·08	14
15	Mon.	15	11 ·61	18 ·92	9	15	Sun.	15	13 ·00	24 ·05	12	16	Sat.	16	1 ·41	4 ·08	15
16	Tues.	16	12 ·64	19 ·97	10	16	Mon.	16	14 ·08	25 ·15	13	17	Sun.	17	2 ·37	5 ·07	16
17	Wed.	17	13 ·67	... ...	11	17	Tues.	17	P ·16	26 ·25	14					6 ·04	
18	Thur.	18	14 ·74	20 ·04	12	18	Wed.	18	1 ·21	27 ·33	15	18	Mon.	18	3 ·31	7 ·99	17
19	Fri.	19	P ·81	21 ·13	13	19	Thur.	19	2 ·24	1 ·38	16	19	Tues.	19	4 ·23	8 ·94	18
20	Sat.	20	1 ·90	22 ·23	14	20	Fri.	20	3 ·26	2 ·42	17	20	Wed.	20	5 ·15	9 ·88	19
21	Sun.	21	2 ·97	23 ·35	15	21	Sat.	21	4 ·24	3 ·43	18				6 ·05		
22	Mon.	22	... ...	24 ·46	16	22	Sun.	22	5 ·21	4 ·43	19	21	Thur.	21	7 ·95	10 ·81	20
23	Tues.	23	3 ·04	25 ·55	17	23	Mon.	23	6 ·17	5 ·41	20	22	Fri.	22	8 ·85	11 ·74	21
24	Wed.	24	4 ·11	26 ·64	18	24	Tues.	24	7 ·10	6 ·38	21	23	Sat.	23	9 ·75	12 ·67	22
25	Thur.	25	5 ·16	27 ·70	19				8 ·02			24	Sun.	24	10 ·66	13 ·61	23
26	Fri.	26	6 ·20	1 ·76	20	25	Wed.	25	9 ·93	7 ·32	22	25	Mon.	25	11 ·58	14 ·56	24
27	Sat.	27	7 ·20	2 ·78	21	26	Thur.	26	10 ·84	8 ·26	23	26	Tues.	26	12 ·52	15 ·52	25
28	Sun.	28	8 ·19	3 ·79	22	27	Fri.	27	11 ·74	9 ·19	24	27	Wed.	27	13 ·48	16 ·49	26
29	Mon.	29	9 ·15	4 ·77	23	28	Sat.	28	12 ·65	10 ·13	25	28	Thur.	28	14 ·44	17 ·48	27
30	Tues.	30	10 ·10	5 ·74	24					11 ·06		—29	Fri.	29	—A ·43	18 ·50	28
			11 ·04			29	Sun.	29	18 ·54	12 ·99	26	1	Sat.	30	1 ·43	19 ·53	—29
—31	Wed.	31	12 ·95	6 ·70	25	30	Mon.	30	14 ·45	13 ·93	27						
Vikrama. **Siṁha—Āvaṇi.**	**Aug.**		*Śukla.*		H. 1112 *Rabi-ul awwal.*	*Vikrama.* **Tulā—Aippaśi.**	**Oct.**		*Śukla.*		H. 1112 *Jamāda'l awwal.*	*Vikrama.* **Dhanus—Mārgali.**	**Dec.**		*Śukla.*		H. 1112 *Rajab.*
1	Thur.	1	13 ·87	7 ·64	26	—31	Tues.	1	—A ·37	14 ·88	28	2	Sun.	1	2 ·48	20 ·58	1
2	Fri.	2	14 ·77	8 ·58	27	1	Wed.	2	1 ·30	15 ·86	—29	3	Mon.	2	3 ·52	21 ·65	2
3	Sat.	3	—A ·66	9 ·51	28	2	Thur.	3	2 ·25	16 ·84	1	4	Tues.	3	4 ·60	22 ·74	3
4	Sun.	4	1 ·56	10 ·44	—29	3	Fri.	4	3 ·21	17 ·84	2	5	Wed.	4	5 ·68	23 ·84	4
5	Mon.	5	2 ·47	11 ·38	1	4	Sat.	5	4 ·20	18 ·86	3	6	Thur.	5	6 ·77	24 ·96	5
6	Tues.	6	3 ·37	12 ·32	2	5	Sun.	6	5 ·20	19 ·90	4	7	Fri.	6	7 ·85	... ...	6
7	Wed.	7	4 ·29	13 ·26	3	6	Mon.	7	6 ·22	20 ·97	5	8	Sat.	7	8 ·94	25 ·06	7
8	Thur.	8	5 ·21	14 ·22	4	7	Tues.	8	7 ·27	... ...	6	9	Sun.	8	... ..	26 ·16	8
9	Fri.	9	6 ·15	15 ·19	5	8	Wed.	9	8 ·32	21 ·05	7	10	Mon.	9	9 ·01	27 ·25	9
10	Sat.	10	7 ·12	16 ·18	6	9	Thur.	10	9 ·41	22 ·14	8	11	Tues.	10	10 ·05	1 ·31	10
11	Sun.	11	8 ·10	17 ·20	7	10	Fri.	11	10 ·50	23 ·24	9	12	Wed.	11	11 ·09	2 ·37	11
12	Mon.	12	9 ·11	18 ·23	8	11	Sat.	12	11 ·59	24 ·35	10	13	Thur.	12	12 ·10	3 ·40	12
13	Tues.	13	10 ·12	19 ·28	9	12	Sun.	13	12 ·67	25 ·46	11	14	Fri.	13	13 ·09	4 ·41	13
14	Wed.	14	11 ·16	20 ·35	10	13	Mon.	14	13 ·74	26 ·56	12	15	Sat.	14	14 ·05	5 ·40	14
15	Thur.	15	12 ·23	21 ·43	11	14	Tues.	15	14 ·79	27 ·64	13				P ·01		
16	Fri.	16	13 ·31	22 ·54	12	15	Wed.	16	P ·82	1 ·69	14	16	Sun.	15	1 ·95	6 ·37	15
17	Sat.	17	14 ·39	23 ·65	13	16	Thur.	17	1 ·84	2 ·78	15	17	Mon.	16	2 ·87	7 ·33	16
18	Sun. ○	18	P ·48	24 ·75	14	17	Fri.	18	2 ·82	3 ·75	16	18	Tues.	17	3 ·79	8 ·28	17
19	Mon.	19	1 ·55	25 ·85	15	18	Sat.	19	3 ·80	4 ·76	17	19	Wed.	18	4 ·69	9 ·21	18
20	Tues.	20	2 ·62	26 ·94	16	19	Sun.	20	4 ·76	5 ·74	18	20	Thur.	19	5 ·59	10 ·14	19
21	Wed.	21	3 ·67	... ...	17	20	Mon.	21	5 ·70	6 ·70	19	21	Fri.	20	6 ·49	11 ·07	20
22	Thur.	22	4 ·70	27 ·02	18	21	Tues.	22	6 ·61	7 ·65	20				7 ·40	12 ·00	
23	Fri.	23	5 ·71	1 ·07	19	22	Wed.	23	7 ·52	8 ·59	21	22	Sat.	21		13 ·95	21
24	Sat.	24	6 ·70	2 ·10	20	23	Thur.	24	8 ·48	9 ·54	22	23	Sun.	22	8 ·31	14 ·89	22
25	Sun.	25	7 ·66	3 ·11	21	24	Fri.	25	9 ·33	10 ·47	23	24	Mon.	23	9 ·23	15 ·85	23
26	Mon.	26	8 ·62	4 ·10	22	25	Sat.	26	10 ·24	11 ·40	24	25	Tues.	24	10 ·17	16 ·82	24
27	Tues.	27	9 ·55	5 ·08	23	26	Sun.	27	11 ·13	12 ·33	25	26	Wed.	25	11 ·12	17 ·81	25
				6 ·04		27	Mon.	28	12 ·04	13 ·27	26	27	Thur.	26	12 ·09	18 ·82	26
28	Wed.	28	10 ·47	7 ·98	24				13 ·96			28	Fri.	27	13 ·08	19 ·84	27
29	Thur.	29	11 ·38	8 ·92	25	28	Tues.	29	14 ·90	14 ·23	27	—29	Sat	28	14 ·09	20 ·89	28
30	Fri.	30	12 ·28	9 ·85	26	29	Wed.	30	—A ·85	15 ·19	28	1	Sun.	29	—A ·12	21 96	29
—31	Sat.	31	13 ·18	10 ·78	27	—30	Thur.	31	1 81	16 ·16	29	2	Mon.	30	1 ·17	... ...	—30
												3	Tues.	31	2 ·24	22 ·04	1

Śrāvana. **Śrāvana.** *Śukla.* **Bhādrapada.** *Bahula.* **Bhādrapada.** *Śukla.* **Āśvina.** *Bahula.* **Āśvina.** *Śukla.* **Kārttika.** *Bahula.* **Kārttika.** *Śukla.* **Mārgaśirsha.** *Bahula.* **Mārgaśirsha.** *Śukla.* **Pausha.** *Bahula.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1701.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Sankrānti. (Commencement of Indian Sidereal year.)
(Surya Sid.) March 29·13 **Saka 1623.** **Kaliyuga 4802.**
(Arya Sid.) March 29·04. **(S. Cycle) Vṛisha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Wed.	1	3 ·32	23 ·15	2	3	Sat.	1	3 ·90	27 ·17	2	3	Thur.	1	{ 4 ·01	6 ·02 }	4
5	Thur.	2	4 ·42	24 ·25	3	4	Sun.	2	4 ·95	1 ·25	3				{ 5 ·95	7 ·99 }	
6	Fri.	3	5 ·51	25 ·36	4	5	Mon.	3	*Sukla.* 5 ·97	2 ·31	4	4	Fri.	2	6 ·88	8 ·96	5
7	Sat.	4	6 ·59	26 ·46	5	6	Tues.	4	6 ·98	3 ·35	5	5	Sat.	3	7 ·80	9 ·91	6
8	Sun.	5	*Sukla.* 7 ·65	27 ·55	6	7	Wed.	5	7 ·96	4 ·37	6	6	Sun.	4	8 ·71	10 ·85	7
9	Mon.	6	8 ·70	1 ·63	7	8	Thur.	6	8 ·93	5 ·38	7	7	Mon.	5	9 ·60	11 ·78	8
10	Tues.	7	9 ·74	2 ·69	8	9	Fri.	7	9 ·87	6 ·37	8	8	Tues.	6	10 ·51	12 ·71	9
11	Wed.	8	10 ·74	3 ·72	9	10	Sat.	8	10 ·80	7 ·33	9	9	Wed.	7	11 ·40	13 ·65	10
12	Thur.	9	11 ·74	4 ·73	10	11	Sun.	9	11 ·72	8 ·28	10	10	Thur.	8	12 ·30	14 ·58	11
13	Fri.	10	12 ·70	5 ·72	11	12	Mon.	10	12 ·63	9 ·23	11	11	Fri.	9	13 ·21	15 ·52	12
14	Sat.	11	13 ·66	6 ·71	12	13	Tues.	11	13 ·53	10 ·17	12	12	Sat.	10	14 ·13	16 ·48	13
15	Sun.	12	14 ·59	7 ·67	13	14	Wed.	12	14 ·43	11 ·10	13	13	Sun.	11	P ·07	17 ·44	14
16	Mon.	13	P ·51	8 ·61	14	15	Thur.	13	P ·33	12 ·03 }	14	14	Mon.	12	{ 1 ·02	18 ·44	15
17	Tues.	14	1 ·41	9 ·55	15					13 ·96 }					{ 2 ·99		
18	Wed.	15	2 ·31	10 ·48	16	16	Fri.	14	1 ·24	14 ·90	15	15	Tues.	13	3 ·96	19 ·44	16
19	Thur.	16	3 ·22	11 ·42	17	17	Sat.	15	2 ·15	15 ·85	16	16	Wed.	14	4 ·97	20 ·46	17
20	Fri.	17	4 ·12	12 ·35	18	18	Sun.	16	3 ·07	16 ·81	17	17	Thur.	15	... ...	21 ·50	18
21	Sat.	18	{ 5 ·03	13 ·29	19	19	Mon.	17	{ 4 ·00	17 ·79	18	18	Fri.	16	5 ·01	22 ·57	19
			{ 6 ·94						{ 5 ·96			19	Sat.	17	6 ·06	23 ·65	20
22	Sun.	19	*Bahula.* 7 ·87	14 ·23	20	20	Tues.	18	*Bahula.* 6 ·93	18 ·78	19	20	Sun.	18	7 ·12	24 ·75	21
23	Mon.	20	8 ·81	15 ·18	21	21	Wed.	19	7 ·92	19 ·79	20	21	Mon.	19	8 ·19	25 ·86	22
24	Tues.	21	9 ·76	16 ·16	22	22	Thur.	20	8 ·94	20 ·83	21	22	Tues.	20	9 ·28	26 ·97	23
25	Wed.	22	10 ·73	17 ·14	23	23	Fri.	21	9 ·97	21 ·89	22	23	Wed.	21	10 ·37	... ...	24
26	Thur.	23	11 ·71	18 ·14	24	24	Sat.	22	... ...	22 ·96	23	24	Thur.	22	11 ·44	27 ·07	25
27	Fri.	24	12 ·73	19 ·16	25	25	Sun.	23	10 ·02	... ...	24	25	Fri.	23	12 ·50	1 ·16	26
28	Sat.	25	13 ·77	20 ·20	26	26	Mon.	24	11 ·09	23 ·05	25	26	Sat.	24	13 ·54	2 ·24	27
29	Sun.	26	14 ·82	21 ·26	27	27	Tues.	25	12 ·17	24 ·15	26	27	Sun.	25	14 ·57	3 ·30	28
—30	Mon.	27	—A ·89	22 ·35	28	28	Wed.	26	13 ·25	25 ·26	27	28	Mon.	26	—A ·56	4 ·34	29
1	Tues.	28	1 ·97	23 ·45	—29	29	Thur.	27	14 ·35	26 ·37	28	29	Tues.	27	1 ·55	5 ·35	—30
2	Wed.	29	... ...	24 ·55	1	—30	Fri.	28	—A ·42	27 ·47	—29	30	Wed.	28	2 ·51	6 ·35	1
3	Thur.	30	2 ·06	25 ·66	2	1	Sat.	29	1 ·48	1 ·55	1	—31	Thur.	29	3 ·46	7 ·33	2
4	Fri.	31	3 ·14	26 ·76	3	2	Sun.	30	2 ·52	2 ·62	2	1	Fri.	30	4 ·38	8 ·29	3
						3	Mon.	31	3 ·53	3 ·66	3	2	Sat.	31	5 ·30	9 ·24	4
	Feb.						**April.**						**June.**				
5	Sat.	1	4 ·23	27 ·86	4	4	Tues.	1	4 ·54	4 ·70	4	3	Sun.	1	6 ·21	10 ·18	5
6	Sun.	2	5 ·29	1 ·94	5	5	Wed.	2	5 ·52	5 ·71	5	4	Mon.	2	7 ·10	11 ·11	6
7	Mon.	3	6 ·35	... ...	6	6	Thur.	3	6 ·49	6 ·69	6				{ 8 ·01	12 ·05 }	
8	Tues.	4	7 ·37	2 ·00	7	7	Fri.	4	7 ·43	7 ·66	7	5	Tues.	3	{ 9 ·90	13 ·08 }	7
9	Wed.	5	8 ·38	3 ·04	8	8	Sat.	5	8 ·36	8 ·52	8	6	Wed.	4	10 ·80	14 ·92	8
10	Thur.	6	9 ·36	4 ·05	9	9	Sun.	6	9 ·28	9 ·57	9	7	Thur.	5	*Jyeshtha.* 11 ·70	15 ·86	9
11	Fri.	7	10 ·33	5 ·06	10	10	Mon.	7	*Sukla.* 10 ·19	10 ·51	10	8	Fri.	6	12 ·62	16 ·81	10
12	Sat.	8	11 ·28	6 ·04	11	11	Tues.	8	{ 11 ·09	11 ·44	11	9	Sat.	7	13 ·56	17 ·77	11
13	Sun.	9	12 ·21	7 ·00 }	12				{ 12 ·99			10	Sun.	8	14 ·50	18 ·76	12
				8 ·95 }		12	Wed.	9	13 ·89	12 ·37	12	11	Mon.	9	P ·47	19 ·76	13
14	Mon.	10	13 ·13	9 ·89	13	13	Thur.	10	*Chaitra.* 14 ·79	13 ·30	13	12	Tues.	10	1 ·45	20 ·78	14
15	Tues. ○	11	{ 14 ·03	10 ·83	14	14	Fri.	11	P ·70	14 ·24	14	13	Wed.	11	2 ·46	21 ·81	15
			P ·94			15	Sat.	12	1 ·61	15 ·19	15	14	Thur.	12	3 ·48	22 ·87	16
16	Wed.	12	1 ·85	11 ·76	15	16	Sun.	13	2 ·55	16 ·14	16	15	Fri.	13	4 ·53	23 ·96	17
17	Thur.	13	2 ·74	12 ·69	16	17	Mon.	14	3 ·50	17 ·11	17	16	Sat.	14	5 ·59	... ...	18
18	Fri.	14	3 ·65	13 ·62	17	18	Tues.	15	4 ·47	18 ·10	18	17	Sun.	15	6 ·66	24 ·05	19
19	Sat.	15	4 ·56	14 ·56	18	19	Wed.	16	5 ·46	19 ·12	19	18	Mon.	16	*Bahula.* 7 ·74	25 ·16	20
20	Sun.	16	5 ·48	15 ·51	19	20	Thur.	17	*Bahula.* 6 ·47	20 ·15	20	19	Tues.	17	8 ·88	26 ·26	21
21	Mon.	17	6 ·42	16 ·48	20	21	Fri.	18	7 ·51	21 ·19	21	20	Wed.	18	9 ·91	27 ·37	22
22	Tues.	18	7 ·38	17 ·46	21	22	Sat.	19	8 ·55	22 ·26	22	21	Thur.	19	10 ·97	1 ·47	23
23	Wed.	19	8 ·25	18 ·46	22	23	Sun.	20	9 ·62	23 ·35	23	22	Fri.	20	... ...	2 ·55	24
24	Thur.	20	9 ·33	19 ·47	23	24	Mon.	21	10 ·69	24 ·45	24	23	Sat.	21	11 ·02	3 ·61	25
25	Fri.	21	10 ·35	20 ·51	24	25	Tues.	22	11 ·78	25 ·56	25	24	Sun.	22	12 ·04	4 ·65	26
26	Sat.	22	11 ·38	21 ·58	25	26	Wed.	23	12 ·87	26 ·67	26	25	Mon.	23	13 ·04	5 ·67	27
27	Sun.	23	12 ·44	22 ·66	26	27	Thur.	24	13 ·94	27 ·77	27	26	Tues.	24	{ 14 ·03	6 ·68	28
28	Mon.	24	13 ·51	23 ·75	27	28	Fri.	25	... ...	1 ·86	28				{ A ·99		
29	Tues.	25	14 ·60	24 ·85	28	29	Sat.	26	14 ·00	2 ·93	29	27	Wed.	25	1 ·94	7 ·66	29
—30	Wed.	26	—A ·68	25 ·96	29	30	Sun.	27	—A ·04	3 ·99	—30	28	Thur.	26	2 ·86	8 ·63	—30
1	Thur.	27	1 ·77	... ...	—30	—31	Mon.	28	*Sukla.* 1 ·07	... ...	1	29	Fri.	27	3 ·78	9 ·58	1
2	Fri.	28	2 ·85	26 ·07	1	1	Tues.	29	2 ·07	4 ·02	2	30	Sat.	28	4 ·68	10 ·52	2
						2	Wed.	30	3 ·05	5 ·03	3	31	Sun.	29	5 ·58	11 ·46	3
												—32	Mon.	30	6 ·47	12 ·39	4

Vikrama. **Makara—Tai.** *Śaka.* **Pausha.** *Bahula.* *H.* 1112 *Śha'bān.*

Vikrama. **Kumbha—Māśi.** *Śaka.* **Māgha.** *Bahula.* *H.* 1112 *Ramazān.*

Vikrama. **Mīna—Pāṅguni.** *Śaka.* **Phālguna.** *Bahula.* *H.* 1112 *Shawwāl.*

Vikrama. **Mēsha—Chittirai.** *Śaka.* **Chaitra.** *Bahula.* *H.* 1112 *Zī-l-ka'da.*

Vṛisha. **Vṛishabha—Vaigāśi.** *Śaka.* **Vaiśākha.** *Bahula.* *H.* 1112 *Zī-l-ḥijja.*

Vṛisha. **Mithuna—Āni.** *Śaka.* **Jyeshtha.** *Bahula.* *H.* 1113 *Muḥarram.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1701. **Kollam 877,** { **N. Malabar—Sep.** **Hijra 1113.** **Vikrama 1758.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 28.** **Bengal San. 1107.**
P—Paurnimā. **(N. Cycle) Khara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Vrisha.						*Vrisha.*						*Vrisha.*					
Karkataka—Ādi.						**Kanyā—Purattāsi.**						**Vrischika—Kārttigai.**					
1	Tues.	1	*Sukla.* 7 ·37	13 ·32	5	1	Mon.	1	11 ·96	21 ·78	8	1	Sat.	1	12 ·42	27 ·87	10
2	Wed.	2	8 ·28	14 ·25	6	2	Tues.	2	12 ·97	22 ·81	9	2	Sun.	2	13 ·50	1 ·98	11
3	Thur.	3	9 ·18	15 ·19	7	3	Wed.	3	... ...	23 ·87	10	3	Mon.	3	14 ·58	... ...	12
4	Fri.	4	10 ·10	16 ·14	8	4	Thur.	4	13 ·02	24 ·96	11	4	Tues.	4	P ·65	2 ·08	13
5	Sat.	5	{ 11 ·03 / 12 ·98	17 ·11	9	5	Fri.	5	14 ·08	... ...	12	5	Wed.	5	1 ·71	3 ·16	14
6	Sun.	6	**Āshādha.** 13 ·94	18 ·09	10	6	Sat.	6	P ·16	25 ·06	13	6	Thur.	6	2 ·74	4 ·23	15
7	Mon.	7	14 ·92	19 ·08	11	7	Sun.	7	1 ·24	26 ·17	14	7	Fri.	7	3 ·74	5 ·27	16
8	Tues.	8	P ·94	20 ·09	12	8	Mon.	8	2 ·32	27 ·27	15	8	Sat.	8	4 ·74	6 ·29	17
9	Wed.	9	1 ·96	21 ·13	13	9	Tues.	9	3 ·40	1 ·37	16	9	Sun.	9	5 ·70	7 ·30	18
10	Thur.	10	... ...	22 ·19	14	10	Wed.	10	4 ·47	2 ·46	17	10	Mon.	10	6 ·66	8 ·29	19
11	Fri.	11	2 ·00	23 ·26	15	11	Thur.	11	5 ·52	3 ·54	18	11	Tues.	11	7 ·59	9 ·26	20
12	Sat.	12	3 ·06	24 ·35	16	12	Fri.	12	6 ·55	4 ·60	19	12	Wed.	12	8 ·52	10 ·21	21
13	Sun.	13	4 ·14	25 ·46	17	13	Sat.	13	7 ·56	5 ·64	20	13	Thur.	13	9 ·43	11 ·15	22
14	Mon.	14	5 ·22	26 ·56	18	14	Sun.	14	8 ·54	6 ·65	21	14	Fri.	14	10 ·33	12 ·09	23
15	Tues.	15	6 ·30	27 ·67	19	15	Mon.	15	9 ·52	7 ·65	22	15	Sat.	15	11 ·23	{ 13 ·02 / 14 ·96 }	24
16	Wed.	16	*Bahula.* 7 ·38	1 ·77	20	16	Tues.	16	10 ·46	8 ·62	23	16	Sun.	16	12 ·14	15 ·89	25
17	Thur.	17	8 ·44	2 ·86	21	17	Wed.	17	11 ·40	9 ·59	24	17	Mon.	17	{ 13 ·05 / 14 ·95 }	16 ·82	26
18	Fri.	18	9 ·50	3 ·92	22	18	Thur.	18	12 ·32	10 ·54	25	18	Tues.	18	—**A** ·88	17 ·77	27
19	Sat.	19	10 ·52	4 ·97	23	19	Fri.	19	13 ·23	11 ·48	26	19	Wed.	19	1 ·81	18 ·73	28
20	Sun.	20	11 ·53	... ...	24	20	Sat.	20	14 ·13	12 ·41	27	20	Thur.	20	2 ·75	19 ·70	29
21	Mon.	21	12 ·50	5 ·00	25	21	Sun.	21	{ **A** ·04 / 1 ·94 }	13 ·34	28	21	Fri.	21	3 ·73	20 ·70	1
				6 ·01													
22	Tues.	22	13 ·47	7 ·99	26	22	Mon.	22	2 ·83	14 ·28	—29	22	Sat.	22	4 ·71	21 ·71	2
23	Wed.	23	14 ·41	8 ·96	27	23	Tues.	23	3 ·74	15 ·21	1	23	Sun.	23	5 ·73	22 ·74	3
24	Thur. ●	24	—**A** ·35	9 ·91	28	24	Wed.	24	4 ·66	16 ·15	2	24	Mon.	24	6 ·76	23 ·80	4
25	Fri.	25	1 ·27	10 ·86	—29	25	Thur.	25	5 ·60	17 ·10	3	25	Tues.	25	7 ·81	24 ·87	5
26	Sat.	26	2 ·17	11 ·80	1	26	Fri.	26	6 ·53	18 ·07	4	26	Wed.	26	8 ·87	25 ·96	6
27	Sun.	27	3 ·08 / 4 ·97	12 ·73	2	27	Sat.	27	7 ·50	19 ·06	5	27	Thur.	27	9 ·93	... ...	7
28	Mon.	28	*Sukla.* 5 ·88	13 ·66	3	28	Sun.	28	8 ·49	20 ·05	6	28	Fri.	28	... ...	26 ·06	8
29	Tues.	29	6 ·77	14 ·59	4	29	Mon.	29	9 ·51	21 ·08	7	—29	Sat.	29	10 ·05	27 ·17	9
30	Wed.	30	7 ·67	15 ·53	5	30	Tues.	30	10 ·53	22 ·12	8	1	Sun.	30	11 ·13	1 ·28	10
—31	Thur.	31	8 ·60	16 ·48	6												
	Aug.						**Oct.**						**Dec.**				
1	Fri.	1	9 ·53	17 ·44	7	—31	Wed.	1	11 ·58	23 ·18	9	2	Mon.	1	12 ·21	2 ·38	11
2	Sat.	2	10 ·47	18 ·41	8	1	Thur.	2	12 ·63	24 ·26	10	3	Tues.	2	13 ·29	3 ·47	12
3	Sun.	3	11 ·43	19 ·40	9	2	Fri.	3	13 ·72	25 ·36	11	4	Wed.	3	14 ·35	4 ·53	13
4	Mon.	4	12 ·42	20 ·41	10	3	Sat.	4	14 ·81	26 ·46	12	5	Thur.	4	P ·37	5 ·58	14
5	Tues.	5	13 ·43	21 ·45	11	4	Sun.	5	P ·89	27 ·57	13	6	Fri.	5	1 ·39	6 ·62	15
6	Wed.	6	14 ·45	22 ·50	12	5	Mon.	6	1 ·98	1 ·67	14	7	Sat.	6	2 ·37	7 ·63	16
7	Thur. ○	7	**Śrāvana.** P ·50	23 ·57	13	6	Tues. ○	7	... ...	2 ·77	15	8	Sun.	7	3 ·33	8 ·62	17
8	Fri.	8	1 ·56	24 ·65	14	7	Wed.	8	2 ·04	3 ·86	16	9	Mon.	8	4 ·29	9 ·59	18
9	Sat.	9	2 ·64	25 ·75	15	8	Thur.	9	3 ·09	4 ·92	17	10	Tues.	9	5 ·22	10 ·54	19
10	Sun.	10	3 ·72	26 ·87	16	9	Fri.	10	4 ·12	5 ·95	18	11	Wed.	10	6 ·14	11 ·50	20
11	Mon.	11	4 ·81	27 ·97	17	10	Sat.	11	5 ·13	6 ·97	19	12	Thur.	11	{ 7 ·05 / 8 ·97 }	12 ·43	21
12	Tues.	12	*Bahula.* 5 ·88	... ...	18	11	Sun.	12	6 ·13	7 ·97	20	13	Fri.	12	*Bahula.* 9 ·87	13 ·36	22
13	Wed.	13	6 ·94	1 ·07	19	12	Mon.	13	7 ·09	8 ·96	21	14	Sat.	13	10 ·78	14 ·29	23
14	Thur.	14	7 ·99	2 ·16	20	13	Tues.	14	{ 8 ·05 / 9 ·98 }	9 ·92	22	15	Sun.	14	11 ·67	15 ·22	24
15	Fri.	15	... ...	3 ·23	21							16	Mon.	15	12 ·58	16 ·16	25
16	Sat.	16	8 ·01	4 ·28	22	14	Wed.	15	10 ·89	10 ·87	23	17	Tues.	16	13 ·51	17 ·12	26
17	Sun.	17	9 ·03	5 ·33	23	15	Thur.	16	11 ·81	11 ·81	24	18	Wed.	17	14 ·45	18 ·07	27
18	Mon.	18	{ 10 ·01 / 11 ·98 }	6 ·33	24	16	Fri.	17	12 ·71	12 ·75	25	19	Thur.	18	—**A** ·40	19 ·04	28
						17	Sat.	18	13 ·61	13 ·69	26	20	Fri.	19	1 ·37	20 ·02	29
19	Tues.	19	12 ·92	7 ·32	25	18	Sun.	19	14 ·52	14 ·62	27	21	Sat.	20	2 ·37	21 ·03	—30
20	Wed.	20	13 ·86	8 ·29	26	19	Mon.	20	—**A** ·43	15 ·55	28	22	Sun.	21	3 ·38	22 ·06	1
21	Thur.	21	14 ·78	9 ·25	27	20	Tues.	21	1 ·33	16 ·49	29	23	Mon.	22	4 ·40	23 ·11	2
22	Fri.	22	—**A** ·68	10 ·20	28	21	Wed.	22	2 ·25	17 ·43	—30	24	Tues.	23	5 ·46	24 ·18	3
23	Sat.	23	1 ·59	11 ·14	29	22	Thur.	23	3 ·19	18 ·41	1	25	Wed.	24	6 ·53	25 ·26	4
24	Sun.	24	2 ·48	12 ·07	—30	23	Fri.	24	4 ·13	19 ·38	2	26	Thur.	25	7 ·62	26 ·36	5
25	Mon.	25	3 ·39	{ 13 ·00 / 14 ·93 }	1	24	Sat.	25	5 ·11	20 ·38	3	27	Fri.	26	8 ·70	27 ·47	6
						25	Sun.	26	6 ·09	21 ·39	4	28	Sat.	27	9 ·79	1 ·58	7
26	Tues.	26	*Sukla.* 4 ·29	15 ·87	2	26	Mon.	27	7 ·10	22 ·43	5	29	Sun.	28	*Pausha.* 10 ·88	2 ·68	8
27	Wed.	27	5 ·19	16 ·82	3	27	Tues.	28	8 ·12	23 ·48	6	—30	Mon.	29	11 ·94	3 ·77	9
28	Thur.	28	6 ·11	17 ·77	4	28	Wed.	29	9 ·17	24 ·57	7	1	Tues.	30	... ...	4 ·86	10
29	Fri.	29	{ 7 ·04 / 8 ·98 }	18 ·74	5	29	Thur.	30	10 ·25	25 ·66	8	2	Wed.	31	12 ·00	5 ·91	11
30	Sat.	30	9 ·95	19 ·72	6	—30	Fri.	31	11 ·33	26 ·76	9						
—31	Sun.	31	10 ·94	20 ·74	7												

H. 1113 *Safar.* 1 *Rabī-ul awwal.* 1 *Rabī-ul ākhir.* 1 *Jamādal awwal.* 1 *Jamādal ākhir.* 1 *Rajab.* 1 *Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab·

A.D. 1702. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·39** **Śaka 1624.** **Kaliyuga 4803.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·30.** **(S. Cycle) Chitrabhānu.**

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Vrisha. **Makara—Tai.**	**Jan.**			
3	Thur. 1	13 ·02	6 ·94	12
4	Fri. 2	14 ·03	7 ·95	13
5	Sat. 3	P ·02	8 ·94	14
		Śukla. **Pausha.** 1 ·99		
6	Sun. 4	2 ·93	9 ·92	15
7	Mon. 5	3 ·87	10 ·88	16
8	Tues. 6	4 ·79	11 ·83	17
9	Wed. 7	5 ·70	12 ·77	18
10	Thur. 8	6 ·60	13 ·70	19
11	Fri. 9	7 ·50	14 ·63	20
12	Sat. 10	8 ·40	15 ·56	21
13	Sun. 11	9 ·30	16 ·50	22
14	Mon. 12	10 ·23	17 ·45	23
15	Tues. 13	11 ·16	18 ·40	24
16	Wed. 14	12 ·09	19 ·36	25
17	Thur. 15	*Bahula.* 13 ·04	20 ·35	26
18	Fri. 16	14 ·02	21 ·36	27
19	Sat.● 17	A ·01	22 ·38	28
20	Sun. 18	1 ·02	23 ·42	29
21	Mon. 19	2 ·07	24 ·48	1
22	Tues. 20	3 ·12	25 ·56	2
23	Wed. 21	4 ·19	26 ·66	3
24	Thur. 22	5 ·27	27 ·77	4
25	Fri. 23	6 ·35	1 ·88	5
26	Sat. 24	7 ·45	2 ·98	6
27	Sun. 25	*Śukla.* 8 ·53	... ...	7
28	Mon. 26	9 ·60	3 ·07	8
29	Tues. 27	10 ·64	4 ·15	9
1	Wed. 28	11 ·66	5 ·22	10
2	Thur. 29	12 ·67	6 ·26	11
3	Fri. 30	13 ·65	7 ·27	12
4	Sat. 31	14 ·62	8 ·27	13
		Feb.		
5	Sun. 1	P ·56	9 ·25	14
6	Mon. 2	1 ·49	10 ·22	15
7	Tues. 3	2 ·41	11 ·17	16
8	Wed. 4	3 ·33	12 ·11	17
9	Thur. 5	4 ·22	13 ·04 / 14 ·97	18
10	Fri. 6	5 ·12	15 ·91	19
11	Sat. 7	6 ·03 / 7 ·93	16 ·84	20
12	Sun. 8	8 ·85	17 ·78	21
13	Mon. 9	9 ·77	18 ·73	22
14	Tues. 10	*Bahula.* 10 ·71	19 ·69	23
15	Wed. 11	11 ·66	20 ·68	24
16	Thur. 12	12 ·64	21 ·68	25
17	Fri. 13	13 ·63	22 ·69	26
18	Sat. 14	14 ·64	23 ·73	27
19	Sun. 15	A ·69	24 ·79	28
20	Mon. 16	1 ·73	25 ·88	29
21	Tues. 17	2 ·81	26 ·97	30
22	Wed. 18	3 ·90	... ...	1
23	Thur. 19	4 ·99	27 ·07	2
24	Fri. 20	... ...	1 ·18	3
25	Sat. 21	*Śukla.* 5 ·07	2 ·28	4
26	Sun. 22	6 ·14	3 ·38	5
27	Mon. 23	7 ·21	4 ·47	6
28	Tues. 24	8 ·25	5 ·53	7
29	Wed. 25	9 ·27	6 ·57	8
30	Thur. 26	*Phal.* 10 ·28	7 ·59	9
1	Fri. 27	11 ·27	8 ·59	10
2	Sat. 28	12 ·23	9 ·59	11

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
3	Sun. 1	13 ·16	10 ·55	12
4	Mon. 2	14 ·10	11 ·50	13
5	Tues. 3	P ·02	12 ·45	14
		Bahula. **Phālguna.** 1 ·93		
6	Wed. 4	2 ·82	13 ·38	15
7	Thur. 5	3 ·73	14 ·32	16
8	Fri. 6	4 ·62	15 ·25	17
9	Sat. 7	5 ·53	16 ·18	18
10	Sun. 8	6 ·44	17 ·12	19
11	Mon. 9	7 ·37	18 ·06	20
12	Tues. 10	8 ·31	19 ·03	21
13	Wed. 11	9 ·26	20 ·01	22
14	Thur 12	10 ·24	21 ·00	23
15	Fri. 13	11 ·22	22 ·01	24
16	Sat. 14	12 ·25	23 ·04	25
17	Sun. 15	13 ·28	24 ·10	26
18	Mon. 16	14 ·32	25 ·18	27
19	Tues. 17	A ·40	26 ·27	28
20	Wed. 18	1 ·18	27 ·37	29
21	Thur. 19	2 ·57	1 ·48	1
22	Fri. 20	*Śukla.* 3 ·65	2 ·58	2
23	Sat. 21	4 ·74	3 ·69	3
24	Sun. 22	5 ·79	4 ·77	4
25	Mon. 23	6 ·83	5 ·84	5
26	Tues. 24	7 ·86	6 ·89	6
27	Wed. 25	8 ·85	7 ·91	7
28	Thur. 26	9 ·84	8 ·93	8
29	Fri. 27	10 ·79	9 ·91	9
30	Sat. 28	**Chaitra.** 11 ·74	10 ·88	10
1	Sun. 29	12 ·67	11 ·84	11
2	Mon. 30	13 ·59	12 ·78	12
3	Tues. 31	14 ·50	13 ·72	13
		April.		
4	Wed. 1	P ·39	14 ·66	14
5	Thur. 2	1 ·29	15 ·59	15
6	Fri. 3	2 ·19	16 ·52	16
7	Sat. 4	3 ·09	17 ·45	17
8	Sun. 5	4 ·00 / 5 ·93	18 ·40	18
9	Mon. 6	6 ·86	19 ·36	19
10	Tues. 7	7 ·81	20 ·33	20
11	Wed. 8	8 ·79	21 ·32	21
12	Thur. 9	9 ·77	22 ·33	22
13	Fri. 10	10 ·79	23 ·36	23
14	Sat. 11	*Bahula.* 11 ·83	24 ·42	24
15	Sun. 12	12 ·87	25 ·48	25
16	Mon. 13	13 ·94	26 ·57	26
17	Tues. 14	... ...	27 ·67	27
18	Wed. 15	14 ·02	1 ·77	28
19	Thur. 16	A ·11	2 ·89	29
20	Fri. 17	1 ·20	3 ·99	30
21	Sat. 18	2 ·27	... ...	1
22	Sun. 19	3 ·33	4 ·08	2
23	Mon. 20	4 ·38	5 ·15	3
24	Tues. 21	5 ·39	6 ·20	4
25	Wed. 22	6 ·39	7 ·24	5
26	Thur. 23	*Śukla.* 7 ·37	8 ·25	6
27	Fri. 24	8 ·33	9 ·24	7
28	Sat. 25	9 ·27	10 ·21	8
29	Sun. 26	10 ·20	11 ·17	9
30	Mon. 27	11 ·11	12 ·13	10
31	Tues. 28	12 ·01 / 13 ·92	13 ·07	11
1	Wed. 29	14 ·82	14 ·00 / 15 ·92	12
2	Thur. 30	P ·71	16 ·85	13

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
3	Fri. 1	1 ·61	17 ·79	14
4	Sat. 2	2 ·52	18 ·74	15
5	Sun. 3	3 ·45	19 ·69	16
6	Mon. 4	4 ·38	20 ·66	17
7	Tues. 5	5 ·34	21 ·64	18
8	Wed. 6	6 ·30	22 ·66	19
9	Thur. 7	7 ·28	23 ·68	20
10	Fri. 8	8 ·30	24 ·72	21
11	Sat. 9	9 ·34	25 ·79	22
12	Sun. 10	10 ·39	26 ·87	23
13	Mon. 11	11 ·45	27 ·97	24
14	Tues. 12	12 ·53	... ...	25
15	Wed. 13	*Bahula.* 13 ·62	1 ·08	26
16	Thur. 14	14 ·71	2 ·19	27
17	Fri. 15	A ·77	3 ·29	28
18	Sat. 16	1 ·83	4 ·38	29
19	Sun. 17	2 ·88	5 ·46	1
20	Mon. 18	3 ·89	6 ·52	2
21	Tues. 19	4 ·89	7 ·56	3
22	Wed. 20	5 ·87	8 ·57	4
23	Thur. 21	6 ·84	9 ·57	5
24	Fri. 22	7 ·77	10 ·54	6
25	Sat. 23	8 ·70	11 ·50	7
26	Sun. 24	9 ·61	12 ·46	8
27	Mon. 25	10 ·51	13 ·40	9
28	Tues. 26	11 ·41	14 ·33	10
29	Wed. 27	12 ·31	15 ·26	11
30	Thur. 28	13 ·21	16 ·19	12
31	Fri. 29	14 ·11	17 ·14	13
32	Sat. 30	P ·03 / 1 ·94	18 ·08	14
1	Sun. 31	2 ·88	19 ·03 / 20 ·99	15
		June.		
2	Mon. 1	3 ·83	21 ·97	16
3	Tues. 2	4 ·79	22 ·98	17
4	Wed. 3	5 ·78	... ...	18
5	Thur. 4	*Bahula.* 6 ·79	23 ·00	19
6	Fri. 5	7 ·82	24 ·03	20
7	Sat. 6	8 ·87	25 ·09	21
8	Sun. 7	9 ·93	26 ·17	22
9	Mon. 8	... ...	27 ·27	23
10	Tues. 9	10 ·01	1 ·38	24
11	Wed. 10	11 ·09	2 ·49	25
12	Thur. 11	12 ·18	3 ·59	26
13	Fri. 12	13 ·25	4 ·68	27
14	Sat. 13	14 ·31	5 ·77	28
15	Sun. 14	A ·35	6 ·83	29
16	Mon. 15	1 ·37	7 ·87	30
17	Tues. 16	2 ·37	8 ·89	1
18	Wed. 17	3 ·35	9 ·89	2
19	Thur. 18	*Śukla.* 4 ·32	10 ·87	3
20	Fri. 19	5 ·26	11 ·85	4
21	Sat. 20	6 ·18	12 ·80	5
22	Sun. 21	7 ·10	13 ·74	6
23	Mon. 22	8 ·00 / 9 ·90	14 ·67	7
24	Tues. 23	10 ·80	15 ·60	8
25	Wed. 24	11 ·76	16 ·54	9
26	Thur. 25	12 ·60	17 ·47	10
27	Fri. 26	13 ·51	18 ·41	11
28	Sat. 27	14 ·43	19 ·36	12
29	Sun. 28	P ·36	20 ·32	13
30	Mon. 29	1 ·30	21 ·30	14
31	Tues. 30	2 ·27	22 ·30	15

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. H. Hast. 14. Chit. 15. Swā. 16. Vis. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1702. **Kollam 878,** { **N. Malabar—Sep.** **Hijra 1114.** **Vikrama 1759.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 17.** **Bengal San. 1108.**
P—Paurnimā. **(N. Cycle) Nandana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Chitrabhānu. **Karkataka—Ādi.**			*Śukla.* **Āshādha.**		*H.* 1114 *Śafar.*	*Chitrabhānu.* **Kanyā—Puraṭṭāśi.**			*Bahula.*		*H.* 1114 *Rabi-ul ākhir.*	*Chitrabhānu.* **Vṛśchika—Kārttigai.**			*Bahula.* **Mārgaśirsha.**		
1	Wed.	1	3 ·25	23 ·31	16	—31	Tues.	1	6 ·64	3 ·49	19	1	Sun.	1	7 ·04	9 ·51	21
2	Thur.	2	4 ·26	24 ·35	17	1	Wed.	2	7 ·72	4 ·60	20	2	Mon.	2	8 ·02 9 ·99	10 ·51	22
3	Fri.	3	5 ·30	25 ·40	18	2	Thur.	3	8 ·79	5 ·69	21						
4	Sat.	4	6 ·35	26 ·48	19	3	Fri.	4	9 ·84	6 ·76	22	3	Tues.	3	10 ·94	11 ·51	23
5	Sun.	5	7 ·41	27 ·57	20	4	Sat.	5	10 ·86	7 ·82	23	4	Wed.	4	11 ·87	12 ·46	24
6	Mon.	6	8 ·49	1 ·68	21	5	Sun.	6	11 ·87	8 ·86	24	5	Thur.	5	12 ·80	13 ·43	25
7	Tues.	7	9 ·57	2 ·78	22	6	Mon.	7	12 ·86	9 ·87	25	6	Fri.	6	13 ·70	14 ·37	26
8	Wed.	8	10 ·64	3 ·89	23	7	Tues.	8	13 ·83	10 ·86	26	7	Sat.	7	14 ·61	15 ·30	27
9	Thur.	9	11 ·72	4 ·99	24	8	Wed.	9	14 ·77	11 ·84	27	8	Sun.	8	**A** ·51	16 ·23	28
10	Fri.	10	12 ·79	... ...	25	9	Thur.	10	**A** ·70	12 ·80	28	9	Mon.	9	1 ·42	17 ·17	—29
11	Sat.	11	13 ·83	5 ·08	26	10	Fri.	11	1 ·62	13 ·77	—29	10	Tues.	10	2 ·32	18 ·10	1
12	Sun.	12	14 ·85	6 ·14	27	11	Sat.	12	2 ·52	14 ·70	1	11	Wed.	11	3 ·23	19 ·04 20 ·99	2
13	Mon.	13	—**A** ·85	7 ·19	28	12	Sun.	13	3 ·43	15 ·63	2						
14	Tues.	14	1 ·84	8 ·21	—29	13	Mon.	14	4 ·33	16 ·56	3	12	Thur.	12	4 ·15	21 ·95	3
15	Wed.	15	2 ·79	9 ·22	1	14	Tues.	15	*Śukla.* 5 ·23	17 ·49	4	13	Fri.	13	5 ·09	22 ·93	4
16	Thur.	16	3 ·73	10 ·21	2	15	Wed.	16	6 ·13	18 ·43	5	14	Sat.	14	6 ·04	23 ·92	5
17	Fri.	17	4 ·67	11 ·18	3	16	Thur.	17	7 ·04 8 ·96	19 ·37	6	15	Sun.	15	7 ·01	24 ·93	6
18	Sat.	18	5 ·59	12 ·13	4							16	Mon.	16	8 ·00	25 ·96	7
19	Sun.	19	6 ·49	13 ·08	5	17	Fri.	18	9 ·89	20 ·32	7	17	Tues.	17	9 ·02	... ...	8
20	Mon.	20	7 ·39	14 ·01 15 ·95	6	18	Sat.	19	10 ·84	21 ·29	8	18	Wed.	18	10 ·05	26 ·01	9
21	Tues.	21	8 ·29	16 ·88	7	19	Sun.	20	11 ·81	22 ·27	9	19	Thur.	19	11 ·10	27 ·09	10
22	Wed.	22	9 ·18	17 ·81	8	20	Mon.	21	12 ·79	23 ·27	10	20	Fri.	20	12 ·17	1 ·18	11
23	Thur.	23	10 ·08	18 ·75	9	21	Tues.	22	13 ·81	24 ·30	11	21	Sat.	21	13 ·26	2 ·28	12
24	Fri.	24	11 ·00 12 ·91	19 ·69	10	22	Wed.	23	14 ·84	25 ·34	12	22	Sun.	22	14 ·34	3 ·39	13
						23	Thur.	24	**P** ·89	26 ·40	13	23	Mon.	23	**P** ·43	4 ·49	14
25	Sat.	25	13 ·83	20 ·66	11	24	Fri.	25	1 ·95	27 ·48	14	24	Tues.	24	1 ·51	5 ·60	15
26	Sun.	26	14 ·78	21 ·63	12	25	Sat.	26	... ...	1 ·57	15	25	Wed.	25	2 ·58	6 ·69	16
27	Mon.	27	**P** ·76	22 ·62	13	26	Sun.	27	2 ·03	2 ·68	16	26	Thur.	26	3 ·63	7 ·76	17
28	Tues.	28	1 ·74	23 ·63	14	27	Mon.	28	3 ·11	3 ·79	17	27	Fri.	27	4 ·66	8 ·80	18
29	Wed.	29	2 ·74	24 ·66	15	28	Tues.	29	4 ·19	4 ·90	18	28	Sat.	28	5 ·67	9 ·83	19
30	Thur.	30	3 ·77	25 ·72	16	29	Wed.	30	5 ·28	5 ·99	19	29	Sun.	29	6 ·65	10 ·84	20
31	Fri.	31	4 ·82	26 ·79	17							—30	Mon.	30	7 ·62	11 ·84	21
	Aug.						**Oct.**						**Dec.**				
—32	Sat.	1	5 ·89	27 ·87	18	—30	Thur.	1	6 ·35	... ...	20	1	Tues.	1	8 ·56	12 ·81	22
1	Sun.	2	6 ·97	1 ·97	19	1	Fri.	2	7 ·40	6 ·07	21	2	Wed.	2	9 ·50	13 ·76	23
2	Mon.	3	... ...	.. ...	20	2	Sat.	3	8 ·42	7 ·14	22	3	Thur.	3	10 ·42	14 ·71	24
3	Tues.	4	7 ·06	2 ·08	21	3	Sun.	4	9 ·44	8 ·17	23	4	Fri.	4	11 ·33	15 ·64	25
4	Wed.	5	8 ·14	3 ·19	22	4	Mon.	5	10 ·42	9 ·19	24	5	Sat.	5	12 ·24	16 ·58	26
5	Thur.	6	9 ·21	4 ·30	23	5	Tues.	6	11 ·40	10 ·19	25	6	Sun.	6	13 ·14	17 ·52	27
6	Fri.	7	10 ·27	5 ·38	24	6	Wed.	7	12 ·34	11 ·17	26	7	Mon.	7	14 ·04 **A** ·94	18 ·44	28
7	Sat.	8	11 ·31	6 ·45	25	7	Thur.	8	13 ·27	12 ·13	27						
8	Sun.	9	12 ·35	7 ·50	26	8	Fri.	9	14 ·19	13 ·09	28	8	Tues.	8	1 ·86	19 ·38	29
9	Mon.	10	13 ·34	8 ·53	27	9	Sat.	10	—**A** ·09	14 ·03 15 ·97	29	9	Wed.	9	2 ·78	20 ·32	—30
10	Tues.	11	14 ·33	9 ·55	28							10	Thur.	10	3 ·72	21 ·29	1
11	Wed.	12	—**A** ·29	10 ·54	29	10	Sun.	11	1 ·00 2 ·89	16 ·90	—30	11	Fri.	11	4 ·67	22 ·26	2
12	Thur.	13	1 ·25	11 ·51	—30	11	Mon.	12	3 ·80	17 ·83	1	12	Sat.	12	5 ·66	23 ·24	3
13	Fri.	14	2 ·18	12 ·47	1	12	Tues.	13	4 ·71	18 ·77	2	13	Sun.	13	6 ·64	24 ·25	4
14	Sat.	15	3 ·08 4 ·99	13 ·42	2	13	Wed.	14	5 ·62	19 ·71	3	14	Mon.	14	7 ·65	25 ·27	5
						14	Thur.	15	6 ·54	20 ·65	4	15	Tues.	15	8 ·70	26 ·33	6
15	Sun.	16	5 ·89	14 ·36	3	15	Fri.	16	7 ·47	21 ·62	5	16	Wed.	16	9 ·75	27 ·40	7
16	Mon.	17	6 ·80	15 ·29	4	16	Sat.	17	8 ·42	22 ·59	6	17	Thur.	17	10 ·82	1 ·48	8
17	Tues.	18	7 ·69	16 ·22	5	17	Sun.	18	9 ·39	23 ·60	7	18	Fri.	18	11 ·91	2 ·58	9
18	Wed.	19	8 ·60	17 ·15	6	18	Mon.	19	10 ·38	24 ·62	8	19	Sat.	19	... ...	3 ·69	10
19	Thur.	20	9 ·50	18 ·08	7	19	Tues.	20	11 ·39	25 ·66	9	20	Sun.	20	12 ·00	4 ·80	11
20	Fri.	21	10 ·42	19 ·03 20 ·99	8	20	Wed.	21	12 ·42	26 ·70	10	21	Mon.	21	13 ·08	5 ·90	12
						21	Thur.	22	13 ·48	27 ·78	11	22	Tues.	22	14 ·16	6 ·99	13
21	Sat.	22	11 ·35	21 ·96	9	22	Fri.	23	14 ·54	1 ·88	12	23	Wed. ○	23	**P** ·23	... ...	14
22	Sun.	23	12 ·29	22 ·94	10	23	Sat.	24	**P** ·62	2 ·98	13	24	Thur.	24	1 ·27	7 ·06	15
23	Mon.	24	13 ·27	23 ·95	11	24	Sun.	25	1 ·70	... ..	14	25	Fri.	25	2 ·30	8 ·12	16
24	Tues.	25	14 ·25	24 ·98	12	25	Mon.	26	2 ·80	3 ·09	15	26	Sat.	26	3 ·31	9 ·15	17
25	Wed.	26	**P** ·27	... ...	13	26	Tues.	27	3 ·88	4 ·19	16	27	Sun.	27	4 ·30	10 ·17	18
26	Thur.	27	1 ·30	25 ·03	14	27	Wed.	28	4 ·95	5 ·29	17	28	Mon.	28	5 ·26	11 ·16	19
27	Fri.	28	2 ·34	26 ·09	15	28	Thur.	29	5 ·99	6 ·38	18	—29	Tues.	29	6 ·22	12 ·14	20
28	Sat.	29	3 ·39	27 ·18	16	29	Fri.	30	... ...	7 ·45	19	1	Wed.	30	7 ·14	13 ·10	21
29	Sun.	30	4 ·47	1 ·27	17	—30	Sat.	31	6 ·02	8 ·49	20	2	Thur.	31	8 ·06 9 ·98	14 ·04 15 ·99	22
30	Mon.	31	5 ·56	2 ·38	18												

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1703. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·64.** **Śaka 1625.** **Kaliyuga 4804.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·55.** **(S. Cycle) Subhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Fri.	1	Bahula. 10 ·88	16 ·92	23	3	Mon.	1	Bahula. 10 ·73	20 ·34	23	3	Sat.	1	12 ·61	27 ·94	25
4	Sat.	2	11 ·78	17 ·85	24	4	Tues.	2	11 ·66	21 ·28	24	4	Sun.	2	13 ·66	... ...	26
5	Sun.	3	12 ·69	18 ·78	25	5	Wed.	3	12 ·59	22 ·24	25	5	Mon.	3	14 ·71	1 ·01	27
6	Mon.	4	13 ·60	19 ·71	26	6	Thur.	4	13 ·56	23 ·22	26	6	Tues.	4	—A ·78	2 ·09	28
7	Tues.	5	14 ·50	20 ·66	27	7	Fri.	5	14 ·53	24 ·22	27	7	Wed.	5	1 ·86	3 ·19	—29
8	Wed. ●	6	—A ·42	21 ·62	28	8	Sat.	6	—A ·52	25 ·23	28	8	Thur.	6	2 ·95	4 ·29	1
9	Thur.	7	1 ·37	22 ·58	—29	9	Sun.	7	1 ·53	26 ·26	—29	9	Fri.	7	... ...	5 ·41	2
10	Fri.	8	2 ·32	23 ·57	1	10	Mon.	8	2 ·57	27 ·32	1	10	Sat.	8	3 ·02	6 ·51	3
11	Sat.	9	3 ·30	24 ·57	2	11	Tues.	9	3 ·63	1 ·39	2	11	Sun.	9	4 ·10	7 ·60	4
12	Sun.	10	4 ·29	25 ·60	3	12	Wed.	10	4 ·72	2 ·49	3	12	Mon.	10	5 ·16	8 ·68	5
13	Mon.	11	5 ·31	26 ·64	4	13	Thur.	11	5 ·80	3 ·59	4	13	Tues.	11	6 ·20	9 ·73	6
14	Tues.	12	6 ·34	27 ·70	5	14	Fri.	12	6 ·88	4 ·70	5	14	Wed.	12	7 ·21	10 ·77	7
15	Wed.	13	7 ·40	1 ·78	6	15	Sat.	13	7 ·97	5 ·80	6	15	Thur.	13	8 ·21	11 ·79	8
16	Thur.	14	8 ·48	2 ·88	7	16	Sun.	14	... ...	6 ·90	7	16	Fri.	14	9 ·20	12 ·79	9
17	Fri.	15	9 ·56	3 ·98	8	17	Mon.	15	8 ·05	7 ·99	8	17	Sat.	15	10 ·16	13 ·76	10
18	Sat.	16	Sukla. 10 ·65	... ...	9	18	Tues.	16	9 ·09	... ...	9	18	Sun.	16	11 ·09	14 ·72	11
19	Sun.	17	11 ·74	4 ·10	10	19	Wed.	17	Śukla. 10 ·14	8 ·06	10	19	Mon.	17	12 ·01	15 ·67	12
20	Mon.	18	12 ·82	5 ·20	11	20	Thur.	18	11 ·16	9 ·11	11				13 ·92		
21	Tues.	19	13 ·88	6 ·30	12	21	Fri.	19	12 ·16	10 ·13	12	20	Tues.	18	14 ·83	16 ·62	13
22	Wed.	20	14 ·92	7 ·37	13	22	Sat.	20	13 ·14	11 ·14	13	21	Wed.	19	P ·73	17 ·55	14
23	Thur.	21	P ·95	8 ·43	14	23	Sun.	21	14 ·10	12 ·13	14	22	Thur.	20	1 ·63	18 ·48	15
24	Fri.	22	1 ·95	9 ·48	15				P ·04			23	Fri.	21	2 ·52	19 ·41	16
25	Sat.	23	2 ·94	10 ·49	16	24	Mon.	22	1 ·97	18 ·10	15	24	Sat.	22	3 ·42	20 ·35	17
26	Sun.	24	3 ·90	11 ·49	17	25	Tues.	23	2 ·88	14 ·05	16	25	Sun.	23	4 ·33	21 ·30	18
27	Mon.	25	4 ·85	12 ·47	18	26	Wed.	24	3 ·79	15 ·00	17	26	Mon.	24	5 ·26	22 ·25	19
28	Tues.	26	5 ·78	13 ·43	19					16 ·94		27	Tues.	25	6 ·20	23 ·21	20
—29	Wed.	27	6 ·70	14 ·39	20	27	Thur.	25	4 ·68	17 ·88	18	28	Wed.	26	7 ·14	24 ·19	21
1	Thur.	28	Bahula. 7 ·60	15 ·33	21	28	Fri.	26	5 ·58	18 ·81	19	29	Thur.	27	8 ·12	25 ·19	22
2	Fri.	29	8 ·51	16 ·26	22	29	Sat.	27	Bahula. 6 ·49	19 ·74	20	30	Fri.	28	9 ·10	26 ·22	23
3	Sat.	30	9 ·41	17 ·19	23	30	Sun.	28	7 ·39	20 ·67	21	31	Sat.	29	Bahula. 10 ·12	27 ·25	24
4	Sun.	31	10 ·31	18 ·12	24	—31	Mon.	29	8 ·31	21 ·62	22	—32	Sun.	30	11 ·14	1 ·31	25
						1	Tues.	30	9 ·23	22 ·57	23	1	Mon.	31	12 ·19	2 ·39	26
	Feb.					2	Wed.	31	10 ·15	23 ·56	24						
5	Mon.	1	11 ·22	19 ·06	25		**April.**						**June.**				
6	Tues.	2	12 ·13	20 ·00 / 21 ·95	26	3	Thur.	1	11 ·12	24 ·54	25	2	Tues.	1	13 ·27	3 ·49	27
7	Wed.	3	13 ·06	22 ·91	27	4	Fri.	2	12 ·09	25 ·55	26	3	Wed.	2	14 ·34	4 ·60	28
8	Thur.	4	14 ·00 / A ·95	23 ·89	28	5	Sat.	3	13 ·08	26 ·58	27	4	Thur.	3	—A ·43	5 ·71	29
9	Fri.	5	1 ·93	24 ·90	29	6	Sun.	4	14 ·09	27 ·62	28	5	Fri.	4	1 ·51	6 ·81	—30
10	Sat.	6	2 ·92	25 ·91	—30	7	Mon.	5	—A ·14	1 ·70	29	6	Sat.	5	2 ·58	7 ·90	1
11	Sun.	7	3 ·94	26 ·95	1	8	Tues.	6	1 ·19	2 ·79	—30	7	Sun.	6	3 ·64	8 ·98	2
12	Mon.	8	4 ·98	... ...	2	9	Wed.	7	2 ·27	3 ·89	1	8	Mon.	7	4 ·67	... ...	3
13	Tues.	9	... ...	27 ·00	3	10	Thur.	8	3 ·35	4 ·99	2	9	Tues.	8	5 ·70	9 ·04	4
14	Wed.	10	Śukla. 5 ·04	1 ·08	4	11	Fri.	9	4 ·43	... ...	3	10	Wed.	9	6 ·69	10 ·09	5
15	Thur.	11	6 ·11	2 ·18	5	12	Sat.	10	5 ·52	5 ·10	4	11	Thur.	10	7 ·68	11 ·11	6
16	Fri.	12	7 ·19	3 ·29	6	13	Sun.	11	6 ·59	6 ·21	5	12	Fri.	11	8 ·64	12 ·11	7
17	Sat.	13	8 ·27	4 ·40	7	14	Mon.	12	Śukla. 7 ·65	7 ·30	6	13	Sat.	12	9 ·58	13 ·09	8
18	Sun.	14	9 ·38	5 ·50	8	15	Tues.	13	8 ·68	8 ·37	7	14	Sun.	13	10 ·50	14 ·06	9
19	Mon.	15	10 ·45	6 ·60	9	16	Wed.	14	9 ·70	9 ·42	8	15	Mon.	14	11 ·42	15 ·02 / 16 ·96	10
20	Tues.	16	11 ·50	7 ·68	10	17	Thur.	15	10 ·70	10 ·45	9	16	Tues.	15	12 ·33	17 ·89	11
21	Wed.	17	12 ·55	8 ·75	11	18	Fri.	16	11 ·68	11 ·47	10	17	Wed.	16	13 ·22	18 ·82	12
22	Thur.	18	13 ·56	9 ·79	12	19	Sat.	17	12 ·65	12 ·46	11	18	Thur. ○	17	14 ·12	19 ·75	13
23	Fri.	19	14 ·57	10 ·81	13	20	Sun.	18	13 ·58	13 ·43	12				P ·01		
24	Sat.	20	P ·58	11 ·81	14	21	Mon.	19	14 ·51	14 ·39	13	19	Fri.	18	1 ·91	20 ·69	14
25	Sun.	21	1 ·52	12 ·80	15	22	Tues.	20	P ·42	15 ·34	14	20	Sat.	19	2 ·82	21 ·63	15
26	Mon.	22	2 ·46	13 ·76	16	23	Wed.	21	1 ·33	16 ·27	15	21	Sun.	20	3 ·75	22 ·58	16
27	Tues.	23	3 ·38	14 ·72	17	24	Thur.	22	2 ·22	17 ·22	16	22	Mon.	21	4 ·68	23 ·54	17
28	Wed.	24	4 ·30	15 ·66	18	25	Fri.	23	3 ·12	18 ·14	17	23	Tues.	22	5 ·62	24 ·51	18
29	Thur.	25	5 ·21	16 ·60	19	26	Sat.	24	4 ·02 / 5 ·92	19 ·07	18	24	Wed.	23	6 ·60	25 ·52	19
—30	Fri.	26	6 ·12	17 ·53	20	27	Sun.	25	Bahula. 6 ·84	20 ·01 / 21 ·95	19	25	Thur.	24	7 ·58	26 ·53	20
1	Sat.	27	Bahula. 7 ·02 / 8 ·93	18 ·47	21	28	Mon.	26	7 ·75	22 ·91	20	26	Fri.	25	Bahula. 8 ·59	27 ·57	21
2	Sun.	28	9 ·83	19 ·40	22	29	Tues.	27	8 ·69	23 ·88	21	27	Sat.	26	9 ·62	1 ·62	22
						—30	Wed.	28	9 ·65	24 ·86	22	28	Sun.	27	10 ·68	2 ·69	23
						1	Thur	29	10 ·62	25 ·87	23	29	Mon.	28	11 ·74	3 ·79	24
						2	**Fri.**	30	11 ·61	26 ·89	24	30	Tues.	29	12 ·82	4 ·90	25
												—31	Wed.	30	13 ·91	... ...	26

Chitrabhānu. **Makara—Tai.** *H.* 1114 *Ramazān.*
Chitrabhānu. **Kumbha—Māgi.** *H.* 1114 *Shawwāl.*
Chitrabhānu. **Mīna—Paṅguni.** *H.* 1114 *Zi-l-ka'da.*
Subhānu. **Mēsha—Chittirai.** *H.* 1114 *Zi-l-hijja.*
Subhānu. **Vrishabha—Vaigāśi.** *H.* 1115 *Muharram.*
Subhānu. **Mithuna—Āni.** *H.* 1115 *Safar.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāt. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ashād. 21. U. Ashād. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1703. **Kollam 879,** { **N. Malabar—Sep.** **Hijra 1115.** **Vikrama 1760.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 6.** **Bengal San. 1109.**
P—Paurnimā. **(N. Cycle) Vijaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Thur.	1	14 ·97	5 ·00	27	—31	Wed.	1	*Śukla.* 1 ·16	12 ·09	1	1	Mon.	1	4 ·79	19 45	3
2	Fri.	2	... ...	6 ·11	28	1	Thur.	2	2 ·14	13 ·08	2	2	Tues.	2	5 ·70	20 38	4
3	Sat.	3	—**A** ·06	7 ·21	—29	2	Fri.	3	3 ·08	14 ·06	3	3	Wed.	3	6 ·60	21 ·32	5
4	Sun.	4	1 ·12	8 ·29	1	3	Sat.	4	4 ·01 / 5 ·92	15 ·02 / 16 ·97	4	4	Thur.	4	7 ·52	22 ·25	6
5	Mon.	5	*Śukla.* 2 ·17	9 ·36	2	4	Sun.	5	6 ·83	17 ·92	5	5	Fri.	5	8 ·45	23 ·21	7
6	Tues.	6	3 ·18	10 ·41	3	5	Mon.	6	7 ·73	18 ·85	6	6	Sat.	6	9 ·38	24 ·17	8
7	Wed.	7	4 ·18	11 ·43	4	6	Tues.	7	8 ·63	19 ·78	7	7	Sun.	7	10 ·32	25 ·14	9
8	Thur.	8	5 ·16	12 ·44	5	7	Wed.	8	9 ·54	20 ·71	8	8	Mon.	8	11 ·30	26 ·14	10
9	Fri.	9	6 ·11	13 ·42	6	8	Thur.	9	*Bhādrapada.* 10 ·43	21 ·64	9	9	Tues.	9	12 ·30	27 ·15	11
10	Sat.	10	7 ·06 / 8 ·98	14 ·40	7	9	Fri.	10	11 ·34	22 ·58	10	10	Wed.	10	13 ·31	1 ·18	12
11	Sun.	11	9 ·90	15 ·35	8	10	Sat.	11	12 ·26	23 ·54	11	11	Thur.	11	14 ·34	2 ·23	13
12	Mon.	12	10 ·81	16 ·30	9	11	Sun.	12	13 ·20	24 ·51	12	12	Fri.	12	**P** ·40	3 ·30	14
13	Tues.	13	11 ·71	17 ·23	10	12	Mon.	13	14 ·14	25 ·49	13	13	Sat.	13	1 ·47	4 ·40	15
14	Wed.	14	12 ·61	18 ·16	11	13	Tues.	14	**P** ·11	26 ·49	14	14	Sun.	14	2 ·55	5 ·50	16
15	Thur.	15	13 ·50	19 ·09	12	14	Wed.	15	1 ·10	27 ·51	15	15	Mon.	15	3 ·64	6 ·61	17
16	Fri.	16	14 ·40	20 ·03 / 21 ·97	13	15	Thur.	16	2 ·12	1 ·56	16	16	Tues.	16	4 ·72	7 ·71	18
17	Sat.	17	**P** ·31	22 ·91	14	16	Fri.	17	3 ·15	2 ·62	17	17	Wed.	17	5 ·80	8 ·81	19
18	Sun.	18	1 ·23	23 ·87	15	17	Sat.	18	4 ·19	3 ·70	18	18	Thur.	18	6 ·87	9 ·90	20
19	Mon.	19	2 ·16	24 ·85	16	18	Sun.	19	5 ·26	4 ·79	19	19	Fri.	19	7 ·93	10 ·98	21
20	Tues.	20	3 ·11	25 ·84	17	19	Mon.	20	6 ·34	5 ·90	20	20	Sat.	20	8 ·95	... ...	22
21	Wed.	21	4 ·08	26 ·85	18	20	Tues.	21	7 ·42	... ...	21	21	Sun.	21	9 ·95	11 ·02	23
22	Thur.	22	5 ·05	27 ·88	19	21	Wed.	22	8 ·51	6 ·01	22	22	Mon.	22	10 ·94	12 ·05	24
23	Fri.	23	6 ·07	1 ·93	20	22	Thur.	23	9 ·59	7 ·12	23	23	Tues.	23	11 ·89	13 ·06	25
24	Sat.	24	7 ·09	... ...	21	23	Fri.	24	10 ·66	8 ·21	24	24	Wed.	24	12 ·84	14 ·05	26
25	Sun.	25	8 ·15	2 ·00	22	24	Sat.	25	11 ·70	9 ·29	25	25	Thur.	25	13 ·78	15 ·03 / 16 ·97	27
26	Mon.	26	9 ·22	3 ·10	23	25	Sun.	26	12 ·72	10 ·35	26	26	Fri.	26	14 ·70	17 ·93	28
27	Tues.	27	10 ·30	4 ·20	24	26	Mon.	27	13 ·73	11 ·40	27	27	Sat.	27	—**A** ·61	18 ·86	29
28	Wed.	28	11 ·39	5 ·30	25	27	Tues.	28	14 ·72	12 ·41	28	28	Sun.	28	1 ·52	19 ·79	—30
29	Thur.	29	12 ·47	6 ·41	26	28	Wed.	29	—**A** ·69	13 ·41	29	29	Mon.	29	2 ·42	20 ·73	1
30	Fri.	30	13 ·53	7 ·51	27	29	Thur.	30	1 ·63	14 ·39	—30	—30	Tues.	30	3 ·32	21 ·66	2
31	Sat.	31	14 ·59	8 ·60	28												
	Aug.						**Oct.**						**Dec.**				
—32	Sun.	1	—**A** ·64	9 ·67	29	—30	Fri.	1	2 ·57	15 ·35	1	1	Wed.	1	4 ·22	22 ·60	3
1	Mon.	2	1 ·66	10 ·72	—30	1	Sat.	2	3 ·48	16 ·30	2	2	Thur.	2	5 ·14	23 ·54	4
2	Tues.	3	2 ·67	11 ·75	1	2	Sun.	3	4 ·39	17 ·25	3	3	Fri.	3	6 ·07	24 ·50	5
3	Wed.	4	3 ·64	12 ·76	2	3	Mon.	4	5 ·29	18 ·19	4	4	Sat.	4	7 ·00 / 8 ·97	25 ·48	6
4	Thur.	5	4 ·61	13 ·76	3	4	Tues.	5	6 ·20	19 ·12	5	5	Sun.	5	9 ·94	26 ·46	7
5	Fri.	6	5 ·56	14 ·72	4	5	Wed.	6	7 ·10 / 8 ·99	20 ·04 / 21 ·98	6	6	Mon.	6	10 ·93	27 ·47	8
6	Sat.	7	6 ·48	15 ·69	5	6	Thur.	7	9 ·91	22 ·93	7	7	Tues.	7	11 ·96	1 ·49	9
7	Sun.	8	7 ·40	16 ·63	6	7	Fri.	8	10 ·83	23 ·87	8	8	Wed.	8	12 ·99	2 ·54	10
8	Mon.	9	8 ·29	17 ·57	7	8	Sat.	9	11 ·77	24 ·84	9	9	Thur.	9	... ...	3 ·61	11
9	Tues.	10	9 ·20	18 ·51	8	9	Sun.	10	12 ·72	25 ·81	10	10	Fri.	10	13 ·05	4 ·70	12
10	Wed.	11	10 ·10	19 ·44	9	10	Mon.	11	13 ·70	26 ·81	11	11	Sat.	11	14 ·12	5 ·80	13
11	Thur.	12	11 ·01 / 12 ·90	20 ·37	10	11	Tues.	12	14 ·69	27 ·82	12	12	Sun.	12	**P** ·21	6 ·91	14
12	Fri.	13	13 ·81	21 ·60	11	12	Wed.	13	**P** ·70	1 ·87	13	13	Mon.	13	1 ·29	... ...	15
13	Sat.	14	14 ·73	22 ·25	12	13	Thur.	14	1 ·73	2 ·93	14	14	Tues.	14	2 ·37	7 ·01	16
14	Sun.	15	**P** ·66	23 ·20	13	14	Fri.	15	2 ·78	... ...	15	15	Wed.	15	3 ·46	8 ·11	17
15	Mon.	16	1 ·61	24 ·18	14	15	Sat.	16	3 ·84	3 ·00	16	16	Thur.	16	4 ·52	9 ·21	18
16	Tues.	17	2 ·58	25 ·16	15	16	Sun.	17	4 ·92	4 ·09	17	17	Fri.	17	5 ·57	10 ·28	19
17	Wed.	18	3 ·57	26 ·17	16	17	Mon.	18	... ...	5 ·20	18	18	Sat.	18	6 ·60	11 ·34	20
18	Thur.	19	4 ·57	27 ·19	17	18	Tues.	19	5 ·01	6 ·31	19	19	Sun.	19	7 ·60	12 ·37	21
19	Fri.	20	5 ·60	1 ·24	18	19	Wed.	20	6 ·10	7 ·42	20	20	Mon.	20	8 ·58	13 ·39	22
20	Sat.	21	6 ·65	2 ·31	19	20	Thur.	21	7 ·19	8 ·51	21	21	Tues.	21	9 ·54	14 ·38	23
21	Sun.	22	7 ·72	3 ·40	20	21	Fri.	22	8 ·25	9 ·59	22	22	Wed.	22	10 ·49	15 ·36	24
22	Mon.	23	8 ·80	4 ·49	21	22	Sat.	23	9 ·29	10 ·67	23	23	Thur.	23	11 ·42	16 ·32	25
23	Tues.	24	9 ·88	5 ·60	22	23	Sun	24	10 ·33	11 ·71	24	24	Fri.	24	12 ·34	17 ·26	26
24	Wed.	25	10 ·97	6 ·71	23	24	Mon.	25	11 ·32	12 ·73	25	25	Sat.	25	13 ·25	18 ·20	27
25	Thur.	26	... ...	7 ·82	24	25	Tues.	26	12 ·31	13 ·73	26	26	Sun.	26	14 ·15	19 ·14	28
26	Fri.	27	11 ·05	8 ·91	25	26	Wed.	27	13 ·22	14 ·72	27	27	Mon.	27	**A** ·05 / 1 ·96	20 ·07	—29
27	Sat.	28	12 ·12	9 ·98	26	27	Thur.	28	14 ·23	15 ·69	28	28	Tues.	28	2 ·87	21 ·00 / 22 ·93	1
28	Sun.	29	13 ·15	... ...	27	28	Fri.	29	—**A** ·16	16 ·65	—29	—29	Wed.	29	3 ·78	23 ·88	2
29	Mon.	30	14 ·16	10 ·04	28	29	Sat.	30	1 ·07 / 2 ·98	17 ·59	1	1	Thur.	30	4 ·71	24 ·84	3
30	Tues.	31	—**A** ·18	11 ·07	—29	—30	Sun.	31	3 ·89	18 ·52	2	2	Fri.	31	5 ·65	25 ·80	4

Śubhānu. **Karkaṭaka—Ādi.** *Bahula.* **Adhika Śrāvaṇa.** *Śukla.* *H.* 1115 *Rabī-ul awwal.*

Śubhānu. **Kanyā—Puraṭṭāśi.** *Bahula.* *H.* 1115 *Jamāda'l awwal.*

Śubhānu. **Vṛśchika—Kārttigai.** *Śukla.* **Kārttika.** *Bahula.*

Śubhānu. **Dhanus—Mārgali.** *Śukla.* **Mārgaśīrsha.** *Bahula.*

Śubhānu. **Simha—Āvaṇi.** *Bahula.* **Nija Śrāvaṇa.** *Śukla.* *H.* 1115 *Rabī-ul ākhir.*

Śubhānu. **Tulā—Aippasi.** *Bahula.* *H.* 1115 *Jamāda'l ākhir.*

Śubhānu. **Makara—Tai.** *Śukla.* **Pauṣa.** *Bahula.* *H.* 1115 *Rajab.*

Śubhānu. **Kumbha—Māsi.** *Bahula.* **Phālguna.** *Śukla.* *H.* 1115 *Śha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1704. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·90.** **Śaka 1626.** **Kaliyuga 4805.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·81.** **(S. Cycle) Tāraṇa.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Subhānu. **Makara—Tai.** 3	Sat. 1	6 ·61	26 ·79	5
4	Sun. 2	7 ·58	27 ·79	6
5	Mon. 3	8 ·59	1 ·81	7
6	Tues. 4	9 ·60	2 ·85	8
7	Wed. 5	10 ·63	3 ·91	9
8	Thur. 6	11 ·69	4 ·99	10
9	Fri. 7	12 ·77	... ...	11
10	Sat. 8	13 ·87	5 ·10	12
11	Sun. 9	14 ·95	6 ·21	13
12	Mon. 10	... ...	7 ·32	14
13	Tues. 11	P ·04	8 ·42	15
14	Wed. 12	1 ·11	9 ·52	16
15	Thur. 13	2 ·17	10 ·59	17
16	Fri. 14	3 ·21	11 ·65	18
17	Sat. 15	4 ·24	12 ·69	19
18	Sun. 16	5 ·24	13 ·71	20
19	Mon. 17	6 ·22	14 ·70	21
20	Tues. 18	7 ·19	15 ·69	22
21	Wed. 19	8 ·13	16 ·65	23
22	Thur. 20	9 ·06 / 10 ·97	17 ·60	24
23	Fri. 21	11 ·88	18 ·55	25
24	Sat. 22	12 ·79	19 ·48	26
25	Sun. 23	13 ·68	20 ·41	27
26	Mon. 24	14 ·59	21 ·34	28
27	Tues. 25	—A ·50	22 ·28	29
28	Wed. 26	1 ·42	23 ·21	—30
29	Thur. 27	2 ·34	24 ·17	1
—30	Fri. 28	3 ·29	25 ·13	2
1	Sat. 29	4 ·25	26 ·11	3
2	Sun. 30	5 ·22	27 ·11	4
3	Mon. 31	6 ·22	1 ·12	5
	Feb.			
4	Tues. 1	7 ·23	2 ·16	6
5	Wed. 2	8 ·28	3 ·23	7
6	Thur. 3	9 ·34	4 ·31	8
7	Fri. 4	10 ·41	5 ·40	9
8	Sat. 5	11 ·50	6 ·50	10
9	Sun. 6	12 ·58	7 ·62	11
10	Mon. 7	13 ·67	8 ·72	12
11	Tues. 8	14 ·74	9 ·82	13
12	Wed. 9	P ·81	10 ·90	14
13	Thur. 10	1 ·85	11 ·96	15
14	Fri. 11	2 ·87	... ...	16
15	Sat. 12	3 ·86	12 ·01	17
16	Sun. 13	4 ·84	13 ·03	18
17	Mon. 14	5 ·80	14 ·03	19
18	Tues. 15	6 ·74	15 ·01 / 16 ·98	20
19	Wed. 16	7 ·68	17 ·94	21
20	Thur. 17	8 ·59	18 ·88	22
21	Fri. 18	9 ·50	19 ·82	23
22	Sat. 19	10 ·41	20 ·75	24
23	Sun. 20	11 ·31	21 ·68	25
24	Mon. 21	12 ·21	22 ·61	26
25	Tues. 22	13 ·11	23 ·56	27
26	Wed. 23	14 ·03 / A ·95	24 ·50	28
27	Thur. 24	1 ·89	25 ·46	—29
28	Fri. 25	2 ·85	26 ·44	1
—29	Sat. 26	3 ·84	27 ·43	2
1	Sun. 27	4 ·83	1 ·45	3
2	Mon. 28	5 ·85	2 ·48	4
3	Tues. 29	6 ·89	3 ·54	5

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
Subhānu. **Mīna—Pāguni.** 4	Wed. 1	7 ·94	4 ·61	6
5	Thur. 2	... ...	5 ·70	7
6	Fri. 3	8 ·02	6 ·81	8
7	Sat. 4	9 ·10	7 ·92	9
8	Sun. 5	10 ·19	... ...	10
9	Mon. 6	11 ·27	8 ·02	11
10	Tues. 7	12 ·34	9 ·11	12
11	Wed. 8	13 ·40	10 ·20	13
12	Thur. 9	14 ·44	11 ·28	14
13	Fri. 10	P ·47	12 ·33	15
14	Sat. 11	1 ·46	13 ·35	16
15	Sun. 12	2 ·45	14 ·36	17
16	Mon. 13	3 ·40	15 ·34	18
17	Tues. 14	4 ·34	16 ·32	19
18	Wed. 15	5 ·27	17 ·28	20
19	Thur. 16	6 ·18	18 ·22	21
20	Fri. 17	7 ·08 / 8 ·98	19 ·16	22
21	Sat. 18	9 ·88	20 ·09	23
22	Sun. 19	10 ·79	21 ·02 / 22 ·96	24
23	Mon. 20	11 ·70	23 ·89	25
24	Tues. 21	12 ·61	24 ·84	26
25	Wed. 22	13 ·52	25 ·79	27
26	Thur. 23	14 ·47	26 ·77	28
27	Fri. 24	—A ·43	27 ·77	29
28	Sat. 25	1 ·41	1 ·76	—30
29	Sun. 26	2 ·40	2 ·80	1
30	Mon. 27	3 ·43	3 ·85	2
—31	Tues. 28	4 ·46	4 ·92	3
1	Wed. 29	5 ·51	... ...	4
2	Thur. 30	6 ·58	5 ·01	5
3	Fri. 31	7 ·66	6 ·11	6
	April.			
4	Sat. 1	8 ·75	7 ·21	7
5	Sun. 2	9 ·83	8 ·32	8
6	Mon. 3	10 ·90	9 ·42	9
7	Tues. 4	11 ·96	10 ·51	10
8	Wed. 5	... ...	11 ·59	11
9	Thur. 6	12 ·01	12 ·64	12
10	Fri. 7	13 ·02	13 ·67	13
11	Sat. 8	14 ·01	14 ·68	14
12	Sun. 9	P ·00 / 1 ·94	15 ·67	15
13	Mon. 10	2 ·89	16 ·64	16
14	Tues. 11	3 ·81	17 ·60	17
15	Wed. 12	4 ·73	18 ·55	18
16	Thur. 13	5 ·63	19 ·49	19
17	Fri. 14	6 ·53	20 ·42	20
18	Sat. 15	7 ·43	21 ·36	21
19	Sun. 16	8 ·33	22 ·29	22
20	Mon. 17	9 ·24	23 ·23	23
21	Tues. 18	10 ·15	24 ·17	24
22	Wed. 19	11 ·06	25 ·12	25
23	Thur. 20	12 ·00 / 13 ·96	26 ·10	26
24	Fri. 21	14 ·94	27 ·08	27
25	Sat. 22	—A ·93	1 ·09	28
26	Sun. 23	1 ·96	2 ·11	29
27	Mon. 24	2 ·99	3 ·15	—30
28	Tues. 25	... ..	4 ·23	1
29	Wed. 26	3 ·04	5 ·31	2
30	Thur. 27	4 ·11	6 ·41	3
—31	Fri. 28	5 ·20	7 ·51	4
1	Sat. 29	6 ·27	8 ·62	5
2	Sun. 30	7 ·35	9 ·72	6

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
Tāraṇa. **Vṛishabha—Vaigāśi.** 3	Mon. 1	8 ·43	10 ·82	7
4	Tues. 2	9 ·48	11 ·90	8
5	Wed. 3	10 ·53	12 ·95	9
6	Thur. 4	11 ·54	13 ·99	10
7	Fri. 5	12 ·54	... ...	11
8	Sat. 6	13 ·51	14 ·00	12
9	Sun. 7	14 ·46	15 ·01 / 16 ·98	13
10	Mon. 8	P ·40	17 ·94	14
11	Tues. 9	1 ·33	18 ·89	15
12	Wed. 10	2 ·25	19 ·83	16
13	Thur. 11	3 ·15	20 ·77	17
14	Fri. 12	4 ·05 / 5 ·94	21 ·70	18
15	Sat. 13	6 ·85	22 ·63	19
16	Sun. 14	7 ·74	23 ·56	20
17	Mon. 15	8 ·64	24 ·51	21
18	Tues. 16	9 ·57	25 ·47	22
19	Wed. 17	10 ·52	26 ·43	23
20	Thur. 18	11 ·47	27 ·41	24
21	Fri. 19	12 ·44	1 ·41	25
22	Sat. 20	13 ·44	2 ·43	26
23	Sun. 21	14 ·44	3 ·47	27
24	Mon. 22	—A ·47	4 ·53	28
25	Tues. 23	1 ·54	5 ·61	29
26	Wed. 24	2 ·61	6 ·71	—30
27	Thur. 25	3 ·69	7 ·81	1
28	Fri. 26	4 ·77	8 ·92	2
29	Sat. 27	5 ·86	... ...	3
30	Sun. 28	6 ·93	9 ·03	4
—31	Mon. 29	7 ·96	10 ·12	5
1	Tues. 30	... ...	11 ·20	6
2	Wed. 31	8 ·01	12 ·26	7
	June.			
3	Thur. 1	9 ·03	13 ·30	8
4	Fri. 2	10 ·02	14 ·33	9
5	Sat. 3	11 ·00 / 12 ·96	15 ·33	10
6	Sun. 4	13 ·89	16 ·31	11
7	Mon. 5	14 ·82	17 ·28	12
8	Tues. ○ 6	P ·74	18 ·23	13
9	Wed. 7	1 ·64	19 ·17	14
10	Thur. 8	2 ·53	20 ·11	15
11	Fri. 9	3 ·43	21 ·04 / 22 ·97	16
12	Sat. 10	4 ·34	23 ·90	17
13	Sun. 11	5 ·23	24 ·84	18
14	Mon. 12	6 ·14	25 ·79	19
15	Tues. 13	7 ·06 / 8 ·99	26 ·76	20
16	Wed. 14	9 ·95	27 ·73	21
17	Thur. 15	10 ·92	1 ·73	22
18	Fri. 16	11 ·91	2 ·74	23
19	Sat. 17	12 ·92	3 ·78	24
20	Sun. 18	13 ·96	4 ·84	25
21	Mon. 19	... ...	5 ·92	26
22	Tues. 20	14 ·01	... ...	27
23	Wed. 21	—A ·07	6 ·01	28
24	Thur. 22	1 ·15	7 ·11	—29
25	Fri. 23	2 ·24	8 ·22	1
26	Sat. 24	3 ·32	9 ·33	2
27	Sun. 25	4 ·39	10 ·43	3
28	Mon. 26	5 ·45	11 ·51	4
29	Tues. 27	6 ·49	12 ·57	5
30	Wed 28	7 ·51	13 ·63	6
31	Thur. 29	8 ·50	14 ·65	7
—32	Fri. 30	9 ·48	15 ·66	8

Naksh·—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1704. **Kollam 880,** { **N. Malabar—Sep.** **Hijra 1116.** **Vikrama 1761.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 25.** **Bengal San. 1110.**
P—Paurnimā. **(N. Cycle) Jaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Sat.	1	10 ·43	16 ·64	9	1	Fri.	1	14 ·73	24 ·86	12	1	Wed.	1	1 ·59	3 ·37	14
	Sun.	2	11 ·37	17 ·61	10	2	Sat.	2	P ·64	25 ·80	13	2	Thur.	2	2 ·59	4 ·40	15
	Mon.	3	12 ·30	18 ·57	11	3	Sun.	3	1 ·56	26 ·75	14	3	Fri.	3	3 ·63	5 ·45	16
	Tues.	4	13 ·22	19 ·51	12	4	Mon.	4	2 ·49	27 ·73	15	4	Sat.	4	4 ·69	6 ·53	17
	Wed.	5	14 ·12	20 ·45	13	5	Tues.	5	3 ·45	1 ·71	16	5	Sun.	5	5 ·76	7 ·62	18
	Thur.	6	P ·01	21 ·38	14	6	Wed.	6	4 ·43	2 ·71	17	6	Mon.	6	6 ·85	8 ·72	19
	Fri.	7	1 ·91	22 ·31	15	7	Thur.	7	5 ·42	3 ·78	18	7	Tues.	7	7 ·93	9 ·83	20
	Sat.	8	2 ·80	23 ·24	16	8	Fri.	8	6 ·42	4 ·77	19	8	Wed.	8	... ...	10 ·93	21
	Sun.	9	3 ·71	24 ·19	17	9	Sat.	9	7 ·45	5 ·84	20	9	Thur.	9	8 ·03	... ...	22
	Mon.	10	4 ·62	25 ·13	18	10	Sun.	10	8 ·51	6 ·92	21	10	Fri.	10	9 ·10	11 ·03	23
	Tues.	11	5 ·54	26 ·09	19	11	Mon.	11	9 ·57	... ...	22	11	Sat.	11	10 ·16	12 ·12	24
	Wed.	12	6 ·48	27 ·06	20	12	Tues.	12	10 ·65	7 ·01	23	12	Sun.	12	11 ·20	13 ·19	25
	Thur.	13	7 ·43	27 ·06	20	13	Wed.	13	11 ·74	8 ·12	24	13	Mon.	13	12 ·24	14 ·24	26
	Fri.	14	8 ·41	1 ·05	21	14	Thur.	14	12 ·82	9 ·22	25	14	Tues.	14	13 ·24	15 ·27	27
	Sat.	15	9 ·39	2 ·05	22	15	Fri.	15	13 ·90	10 ·33	26	15	Wed.	15	14 ·22	16 ·28	28
	Sun.	16	10 ·40	3 ·10	23	16	Sat.	16	14 ·96	11 ·43	27	16	Thur.	16	—A ·18	17 ·27	29
	Mon.	17	11 ·43	4 ·15	24	17	Sun.	17	... ...	12 ·51	28	17	Fri.	17	1 ·13	18 ·24	—30
	Tues.	18	12 ·48	5 ·22	25	18	Mon.	18	—A ·01	13 ·57	29	18	Sat.	18	2 ·07	19 ·20	1
	Wed.	19	13 ·55	6 ·31	26	19	Tues.	19	1 ·03	14 ·60	—30	19	Sun.	19	3 ·98	20 ·15	2
	Thur.	20	14 ·63	7 ·42	27	20	Wed.	20	2 ·04	15 ·62	1	20	Mon.	20	4 ·89	21 ·08	3
	Fri.	21	—A ·72	8 ·53	28	21	Thur.	21	3 ·02	16 ·63	2	21	Tues.	21	5 ·80	22 ·01	4
	Sat.	22	1 ·79	9 ·63	29	22	Fri.	22	4 ·98	17 ·61	3	22	Wed.	22	6 ·70	23 ·94	5
	Sun.	23	2 ·86	10 ·73	—30	23	Sat.	23	5 ·93	18 ·57	4	23	Thur.	23	7 ·60	24 ·87	6
	Mon.	24	3 ·92	11 ·81	1	24	Sun.	24	6 ·85	19 ·52	5	24	Fri.	24	8 ·50	25 ·82	7
	Tues.	25	4 ·96	12 ·89	2	25	Mon.	25	7 ·77	20 ·46	6	25	Sat.	25	9 ·42	26 ·76	8
	Wed.	26	5 ·99	13 ·94	3	26	Tues.	26	8 ·68	21 ·40	7	26	Sun.	26	10 ·34	27 ·72	9
	Thur.	27	6 ·98	14 ·97	4	27	Wed.	27	9 ·59	22 ·33	8	27	Mon.	27	11 ·29	1 ·69	10
	Fri.	28	7 ·97	15 ·97	5	28	Thur.	28	10 ·49	23 ·26	9	28	Tues.	28	12 ·25	2 ·67	11
	Sat.	29	8 ·92	16 ·97	6	29	Fri.	29	11 ·38	24 ·20	10	29	Wed.	29	13 ·22	3 ·69	12
	Sun.	30	9 ·86	17 ·95	7	30	Sat.	30	12 ·29	25 ·14	11	1	Thur.	30	14 ·22	4 ·72	13
	Mon.	31	10 ·79	18 ·91	8				13 ·20						P ·23	5 ·76	
			11 ·70	19 ·85	9												
	Aug.						**Oct.**						**Dec.**				
	Tues.	1	12 ·62	20 ·79	10	31	Sun.	1	14 ·18	26 ·09	12	2	Fri.	1	1 ·28	6 ·83	14
	Wed.	2	13 ·51	21 ·72	11	1	Mon.	2	P ·07	27 ·06	13	3	Sat.	2	2 ·33	7 ·92	15
	Thur.	3	14 ·41	22 ·65	12	2	Tues.	3	1 ·02	1 ·03	14	4	Sun.	3	3 ·41	... ...	16
	Fri.	4	P ·30	23 ·59	13	3	Wed.	4	2 ·99	2 ·03	15	5	Mon.	4	4 ·50	8 ·02	17
	Sat.	5	1 ·21	24 ·52	14	4	Thur.	5	3 ·99	2 ·03	15	6	Tues.	5	5 ·58	9 ·13	18
	Sun.	6	2 ·12	25 ·47	15	5	Fri.	6	4 ·99	3 ·05	16	7	Wed.	6	6 ·67	10 ·23	19
	Mon.	7	3 ·04	26 ·42	16	6	Sat.	7	... ...	4 ·09	17	8	Thur.	7	7 ·75	11 ·33	20
	Tues.	8	4 ·98	27 ·39	17	7	Sun.	8	5 ·02	5 ·15	18	9	Fri.	8	8 ·82	12 ·42	21
	Wed.	9	5 ·92	1 ·38	18	8	Mon.	9	6 ·08	6 ·22	19	10	Sat.	9	9 ·85	13 ·50	22
	Thur.	10	6 ·90	2 ·39	19	9	Tues.	10	7 ·14	7 ·31	20	11	Sun.	10	10 ·88	14 ·56	23
	Fri.	11	7 ·89	3 ·41	20	10	Wed.	11	8 ·23	8 ·41	21	12	Mon.	11	11 ·88	15 ·59	24
	Sat.	12	8 ·90	4 ·46	21	11	Thur.	12	9 ·32	9 ·52	22	13	Tues.	12	12 ·87	16 ·60	25
	Sun.	13	9 ·92	5 ·52	22	12	Fri.	13	10 ·41	10 ·63	23	14	Wed.	13	13 ·82	17 ·59	26
	Mon.	14	10 ·97	6 ·61	23	13	Sat.	14	11 ·49	11 ·73	24	15	Thur.	14	14 ·77	18 ·57	27
	Tues.	15	... ...	7 ·71	24	14	Sun.	15	12 ·54	12 ·81	25	16	Fri.	15	—A ·70	19 ·54	28
	Wed.	16	11 ·05	8 ·82	25	15	Mon.	16	13 ·59	13 ·88	26	17	Sat.	16	1 ·61	20 ·48	—29
	Thur.	17	12 ·13	9 ·93	26	16	Tues.	17	14 ·62	14 ·92	27	18	Sun.	17	2 ·53	21 ·42	1
	Fri.	18	13 ·21	... ...	27	17	Wed.	18	—A ·62	15 ·95	28	19	Mon.	18	3 ·43	22 ·35	2
	Sat.	19	14 ·30	10 ·03	28	18	Thur.	19	1 ·60	16 ·95	—29	20	Tues.	19	4 ·34	23 ·29	3
	Sun.	20	—A ·37	11 ·12	—29	19	Fri.	20	2 ·57	17 ·94	1	21	Wed.	20	5 ·24	24 ·22	4
	Mon.	21	1 ·48	12 ·19	1	20	Sat.	21	3 ·52	18 ·90	2	22	Thur.	21	6 ·14	25 ·15	5
	Tues.	22	2 ·46	13 ·25	2	21	Sun.	22	4 ·44	19 ·87	3	23	Fri.	22	7 ·06	26 ·10	6
	Wed.	23	3 ·49	14 ·29	3	22	Mon.	23	5 ·36	20 ·81	4				8 ·98		
	Thur.	24	4 ·49	15 ·30	4	23	Tues.	24	6 ·27	21 ·74	5	24	Sat.	23	9 ·94	27 ·05	7
	Fri.	25	5 ·48	16 ·29	5	24	Wed.	25	7 ·17	22 ·67	6	25	Sun.	24	10 ·89	1 ·01	8
	Sat.	26	6 ·43	17 ·28	6				8 ·08	23 ·60	7	26	Mon.	25	11 ·87	2 ·01	9
	Sun.	27	7 ·38	18 ·24	7	25	Thur.	26	9 ·98	24 ·53	8	27	Tues.	26	12 ·87	3 ·01	10
	Mon.	28	8 ·30	19 ·19	8	26	Fri.	27	10 ·88	25 ·48	9	28	Wed.	27	13 ·88	4 ·03	11
	Tues.	29	9 ·22	20 ·12	9	27	Sat.	28	11 ·80	26 ·43	10	29	Thur.	28	14 ·92	5 ·07	12
	Wed.	30	10 ·13	21 ·06	10	28	Sun.	29	12 ·72	27 ·39	11	1	Fri.	29	P ·98	6 ·13	13
			11 ·02			29	Mon.	30	13 ·66	1 ·36	12	2	Sat.	30	... ...	7 ·22	14
	Thur.	31	12 ·93	22 ·00	11	30	Tues.	31	14 ·62	2 ·35	13	3	Sun.	31	1 ·06	8 ·32	15
			13 ·82	23 ·93					P ·59		18						

Tīraṇa. **Karkataka—Ādi.** *Bahula.* *Sukla.* *H.* 1116 *Rabī-ul awwal.* *Tīraṇa.* **Kanyā—Puraṭṭāsi.** *Bahula.* *Sukla.* *H.* 1116 *Jamādā'l awwal.* *Tīraṇa.* **Tulā—Aippasi.** *Bahula.* *Sukla.* *H.* 1116 *Jamādā'l ākhir.* *Tīraṇa.* **Vṛiśchika—Kārttigai.** *Bahula.* *Sukla.* *H.* 1116 *Rajab.* *Tīraṇa.* **Dhanus—Mārgali.** *Bahula.* *Sukla.* *H.* 1116 *Śha'bān.* *Tīraṇa.* **Simha—Āvani.** *Bahula.* *Sukla.* *H.* 1116 *Ramażān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1705. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 29·16.** **Śaka 1627.** **Kaliyuga 4806.**
Lunar Eclipse. ○ (Arya Sid.) **March 29·07.** **(S. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
4	Mon.	1	2 ·14	9 ·42	16	3	Thur.	1	2 ·71	13 ·42	16	3	Tues.	1	4 ·71	19 ·20	18
5	Tues.	2	3 ·23	10 ·53	17	4	Fri.	2	3 ·75	14 ·49	17	4	Wed.	2	5 ·64	20 ·15	19
6	Wed.	3	4 ·32	11 ·63	18	5	Sat.	3	4 ·76	15 ·54	18	5	Thur.	3	6 ·55	21 ·11	20
7	Thur.	4	5 ·40	12 ·73	19	6	Sun.	4	5 ·76	16 ·57	19					22 ·05	
8	Fri.	5	6 ·46	13 ·81	20	7	Mon.	5	6 ·74	17 ·58	20	6	Fri.	4	7 ·46	23 ·98	21
9	Sat.	6	7 ·50	14 ·87	21	8	Tues.	6	7 ·69	18 ·56	21	7	Sat.	5	8 ·35	24 ·91	22
10	Sun.	7	8 ·53	15 ·91	22	9	Wed.	7	8 ·63	19 ·53	22	8	Sun.	6	9 ·25	25 ·86	23
11	Mon.	8	9 ·52	16 ·92	23	10	Thur.	8	9 ·55	20 ·49	23	9	Mon.	7	10 ·15	26 ·78	24
12	Tues.	9	10 ·50	17 ·92	24	11	Fri.	9	10 ·47	21 ·44	24				11 ·05		
13	Wed.	10	11 ·47	18 ·91	25	12	Sat.	10	11 ·38	22 ·38	25	10	Tues.	8	12 ·97	27 ·72	25
14	Thur.	11	12 ·42	19 ·87	26	13	Sun.	11	12 ·28	23 ·31	26	11	Wed.	9	13 ·89	1 ·68	26
15	Fri.	12	13 ·34	20 ·82	27	14	Mon.	12	13 ·18	24 ·23	27	12	Thur.	10	14 ·83	2 ·64	27
16	Sat.	13	14 ·25	21 ·76	28				14 ·09			13	Fri	11	—**A** ·79	3 ·63	28
17	Sun.	14	—**A** ·16	22 ·69	29	15	Tues.	13	**A** ·99	25 ·16	28	14	Sat.	12	1 ·77	4 ·63	29
			1 ·06			16	Wed.	14	1 ·90	26 ·11	29	15	Sun.	13	2 ·76	5 ·65	—30
18	Mon.	15	2 ·96	23 ·63	—30	17	Thur.	15	2 ·83	27 ·06	—30	16	Mon.	14	3 ·78	6 ·69	1
19	Tues.	16	3 ·87	24 ·56	1					1 ·01		17	Tues.	15	4 ·82	7 ·74	2
20	Wed.	17	4 ·78	25 ·49	2	18	Fri.	16	3 ·76	2 ·98	1	18	Wed.	16	5 ·87	8 ·83	3
21	Thur.	18	5 ·69	26 ·43	3	19	Sat.	17	4 ·73	3 ·97	2	19	Thur.	17	6 ·94	9 ·93	4
22	Fri.	19	6 ·63	27 ·38	4	20	Sun.	18	5 ·71	4 ·99	3	20	Fri.	18	... ...	... ...	5
23	Sat.	20	7 ·58	1 ·35	5	21	Mon.	19	6 ·71	... ...	4	21	Sat.	19	7 ·02	10 ·03	6
24	Sun.	21	8 ·53	2 ·33	6	22	Tues.	20	7 ·73	5 ·02	5	22	Sun.	20	8 ·11	11 ·14	7
25	Mon.	22	9 ·51	3 ·33	7	23	Wed.	21	8 ·76	6 ·07	6	23	Mon.	21	9 ·18	12 ·24	8
26	Tues.	23	10 ·50	4 ·34	8	24	Thur.	22	9 ·83	7 ·13	7	24	Tues.	22	10 ·24	13 ·34	9
27	Wed.	24	11 ·53	5 ·38	9	25	Fri.	23	10 ·90	8 ·22	8	25	Wed.	23	11 ·30	14 ·42	10
28	Thur.	25	12 ·57	6 ·45	10	26	Sat.	24	11 ·99	9 ·33	9	26	Thur.	24	12 ·33	15 ·48	11
29	Fri.	26	13 ·63	7 ·53	11	27	Sun.	25	... ...	10 ·43	10	27	Fri.	25	13 ·36	16 ·52	12
—30	Sat.	27	14 ·70	8 ·62	12	28	Mon.	26	12 ·07	11 ·54	11	28	Sat.	26	14 ·34	17 ·54	13
1	Sun.	28	**P** ·79	9 ·72	13	29	Tues.	27	13 ·16	12 ·64	12	29	Sun.	27	**P** ·83	18 ·55	14
2	Mon.	29	1 ·88	10 ·83	14	—30	Wed.	28	14 ·23	13 ·73	13	30	Mon.	28	1 ·28	19 ·53	15
3	Tues.	30	2 ·96	11 ·94	15	1	Thur.	29	**P** ·29	14 ·80	14	—31	Tues.	29	2 ·22	20 ·50	16
4	Wed.	31	... ...	... ...	16	2	Fri.	30	1 ·32	15 ·86	15	1	Wed.	30	3 ·14	21 ·45	17
						3	Sat.	31	2 ·32	16 ·89	16				4 ·05		
												2	Thur.	31	5 ·96	22 ·39	18
	Feb.						**April.**						**June.**				
5	Thur.	1	3 ·04	12 ·04	17	4	Sun.	1	3 ·32	17 ·90	17	3	Fri.	1	6 ·85	23 ·32	19
6	Fri.	2	4 ·10	13 ·12	18	5	Mon.	2	4 ·30	18 ·89	18	4	Sat.	2	7 ·75	24 ·26	20
7	Sat.	3	5 ·15	14 ·18	19	6	Tues.	3	5 ·25	19 ·86	19	5	Sun.	3	8 ·65	25 ·19	21
8	Sun.	4	6 ·16	15 ·22	20	7	Wed.	4	6 ·19	20 ·83	20	6	Mon.	4	9 ·55	26 ·12	22
9	Mon.	5	7 ·15	16 ·24	21	8	Thur.	5	7 ·12	21 ·78	21	7	Tues.	5	10 ·46	27 ·06	23
10	Tues.	6	8 ·14	17 ·25	22				8 ·03							1 ·01	
11	Wed.	7	9 ·09	18 ·24	23	9	Fri.	6	9 ·93	22 ·71	22	8	Wed.	6	11 ·38	2 ·98	24
			10 ·04			10	Sat.	7	10 ·84	23 ·64	23	9	Thur.	7	12 ·32	3 ·95	25
12	Thur.	8	11 ·96	19 ·20	24	11	Sun.	8	11 ·73	24 ·57	24	10	Fri.	8	13 ·27	4 ·95	26
13	Fri.	9	12 ·88	20 ·15	25	12	Mon.	9	12 ·64	25 ·50	25	11	Sat.	9	14 ·25	5 ·96	27
14	Sat.	10	13 ·78	21 ·09	26	13	Tues.	10	13 ·54	26 ·45	26	12	Sun.	10	—**A** ·24	... ..	28
				22 ·03		14	Wed.	11	14 ·45	27 ·39	27	13	Mon.	11	1 ·25	6 ·00	—29
15	Sun.	11	14 ·69	23 ·97	27	15	Thur.	12	—**A** ·37	1 ·34	28	14	Tues.	12	2 ·29	7 ·05	1
16	Mon.	12	—**A** ·59	24 ·90	28	16	Fri.	13	1 ·31	2 ·31	—29	15	Wed.	13	3 ·34	8 ·14	2
17	Tues.	13	1 ·49	25 ·83	—29	17	Sat.	14	2 ·28	3 ·29	1	16	Thur.	14	4 ·41	9 ·23	3
18	Wed.	14	2 ·40	26 ·76	1	18	Sun.	15	3 ·25	4 ·31	2	17	Fri.	15	5 ·49	10 ·33	4
19	Thur.	15	3 ·31	27 ·72	2	19	Mon.	16	4 ·25	5 ·33	3	18	Sat.	16	6 ·58	11 ·43	5
20	Fri.	16	4 ·24	1 ·68	3	20	Tues.	17	5 ·27	6 ·37	4	19	Sun.	17	7 ·65	12 ·55	6
21	Sat.	17	5 ·18	2 ·66	4	21	Wed.	18	6 ·31	7 ·44	5	20	Mon.	18	8 ·72	13 ·65	7
22	Sun.	18	6 ·16	3 ·65	5	22	Thur.	19	7 ·36	8 ·52	6	21	Tues.	19	9 ·78	14 ·73	8
23	Mon.	19	7 ·13	4 ·66	6	23	Fri.	20	8 ·43	9 ·62	7	22	Wed.	20	10 ·82	15 ·79	9
24	Tues.	20	8 ·12	5 ·70	7	24	Sat.	21	9 ·51	10 ·73	8	23	Thur.	21	11 ·83	16 ·84	10
25	Wed.	21	9 ·15	6 ·76	8	25	Sun.	22	10 ·60	11 ·84	9	24	Fri.	22	12 ·82	17 ·86	11
26	Thur.	22	10 ·18	7 ·83	9	26	Mon.	23	11 ·68	12 ·94	10	25	Sat.	23	13 ·81	18 ·88	12
27	Fri.	23	11 ·25	8 ·92	10	27	Tues.	24	12 ·75	... ...	11	26	Sun.	24	14 ·78	19 ·86	13
28	Sat.	24	12 ·33	... ...	11	28	Wed.	25	13 ·81	13 ·03	12	27	Mon.	25	**P** ·70	20 ·83	14
29	Sun.	25	13 ·42	9 ·02	12	29	Thur.	26	14 ·84	14 ·12	13	28	Tues.	26	1 ·62	21 ·78	15
—30	Mon.	26	14 ·50	10 ·13	13	30	Fri.	27	**P** ·86	15 ·17	14	29	Wed.	27	2 ·53	22 ·73	16
1	Tues.	27	**P** ·58	11 ·24	14	—31	Sat.	28	1 ·85	16 ·21	15	30	Thur.	28	3 ·43	23 ·67	17
2	Wed.	28	1 ·65	12 ·34	15	1	Sun.	29	2 ·83	17 ·22	16	31	Fri.	29	4 ·33	24 ·60	18
						2	Mon.	30	3 ·78	18 ·22	17	—32	Sat.	30	5 ·22	25 ·53	19

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1705. **Kollam 881,** { **N. Malabar—Sep.** **Hijra 1117.** **Vikrama 1762.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 14.** **Bengal San. 1111.**
P—Paurnimā. **(N. Cycle) Manmatha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Sun.	1	6 ·12	26 ·46	20	—32	Sat.	1	10 ·74	7 ·99	23	1	Thur.	1	11 ·24	12 ·04	25
	Mon.	2	7 ·03 / 8 ·94	27 ·40	21	1	Sun.	2	11 ·78	... ...	24	2	Fri.	2	12 ·32	13 ·16	26
	Tues.	3	9 ·86	1 ·35	22	2	Mon.	3	12 ·83	8 ·05	25	3	Sat.	3	13 ·40	14 ·26	27
	Wed.	4	10 ·79	2 ·31	23	3	Tues.	4	13 ·89	9 ·13	26	4	Sun.	4	14 ·46	15 ·34	28
	Thur.	5	11 ·76	3 ·29	24	4	Wed.	5	14 ·98	10 ·23	27	5	Mon.	5	—**A** ·50	16 ·41	29
	Fri.	6	12 ·72	4 ·27	25	5	Thur.	6	... ...	11 ·34	28	6	Tues.	6	1 ·53	17 ·46	—30
	Sat.	7	13 ·71	5 ·28	26	6	Fri.	7	—**A** ·06	12 ·45	29	7	Wed.	7	2 ·52	18 ·49	1
	Sun.	8	14 ·73	6 ·31	27	7	Sat.	8	1 ·14	13 ·55	—30	8	Thur.	8	3 ·51	19 ·50	2
	Mon.	9	—**A** ·77	7 ·37	28	8	Sun.	9	2 ·21	14 ·64	1	9	Fri.	9	4 ·47	20 ·49	3
	Tues.	10	1 ·83	8 ·44	29	9	Mon.	10	3 ·28	15 ·73	2	10	Sat.	10	5 ·42	21 ·46	4
	Wed.	11	2 ·89	9 ·53	—30	10	Tues.	11	4 ·32	16 ·79	3	11	Sun.	11	6 ·35	22 ·41	5
	Thur.	12	3 ·97	10 ·63	1	11	Wed.	12	5 ·34	17 ·82	4	12	Mon.	12	7 ·27	23 ·36	6
	Fri.	13	... ...	11 ·74	2	12	Thur.	13	6 ·34	18 ·84	5	13	Tues.	13	8 ·18	24 ·30	7
	Sat.	14	4 ·05	12 ·85	3	13	Fri.	14	7 ·32	19 ·84	6	14	Wed.	14	9 ·07 / 10 ·98	25 ·23	8
	Sun.	15	5 ·12	13 ·95	4	14	Sat.	15	8 ·29	20 ·83	7						
	Mon.	16	6 ·19	... ...	5	15	Sun.	16	9 ·23	21 ·79	8	15	Thur.	15	11 ·88	26 ·16	9
	Tues.	17	7 ·25	14 ·03	6	16	Mon.	17	10 ·16	22 ·74	9	16	Fri.	16	12 ·79	27 ·09	10
	Wed.	18	8 ·30	15 ·10	7	17	Tues.	18	11 ·07 / 12 ·98	23 ·68	10	17	Sat.	17	13 ·70	1 ·08 / 2 ·98	11
	Thur.	19	9 ·31	16 ·15	8	18	Wed.	19	13 ·88	24 ·61	11	18	Sun.	18	14 ·63	3 ·94	12
	Fri.	20	10 ·31	17 ·19	9	19	Thur.	20	14 ·78	25 ·55	12	19	Mon.	19	**P** ·56	4 ·90	13
	Sat.	21	11 ·29	18 ·20	10	20	Fri.	21	**P** ·68	26 ·48	13	20	Tues.	20	1 ·52	5 ·89	14
	Sun.	22	12 ·23	19 ·19	11	21	Sat.	22	1 ·58	27 ·42	14	21	Wed.	21	2 ·51	6 ·90	15
	Mon.	23	13 ·18	20 ·16	12	22	Sun.	23	2 ·50	1 ·36	15	22	Thur.	22	3 ·50	7 ·94	16
	Tues.	24	14 ·11	21 ·12	13	23	Mon.	24	3 ·42	2 ·30	16	23	Fri.	23	4 ·52	8 ·98	17
	Wed.	25	**P** ·03 / 1 ·93	22 ·07	14	24	Tues.	25	4 ·36	3 ·27	17	24	Sat.	24	5 ·57	... ...	18
				23 ·01 / 24 ·93		25	Wed.	26	5 ·31	4 ·25	18	25	Sun.	25	6 ·62	9 ·05	19
	Thur.	26	2 ·83		15	26	Thur.	27	6 ·29	5 ·25	19	26	Mon.	26	7 ·69	10 ·13	20
	Fri.	27	3 ·72	25 ·87	16	27	Fri.	28	7 ·28	6 ·26	20	27	Tues.	27	8 ·78	11 ·23	21
	Sat.	28	4 ·63	26 ·80	17	28	Sat.	29	8 ·29	7 ·30	21	28	Wed.	28	9 ·87	12 ·35	22
	Sun.	29	5 ·52	27 ·74	18	29	Sun.	30	9 ·34	8 ·36	22	—29	Thur.	29	10 ·95	13 ·45	23
	Mon.	30	6 ·43	1 ·68	19							1	Fri.	30	... ...	14 ·55	24
	Tues.	31	7 ·36	2 ·64	20												
	Aug.						**Oct.**						**Dec.**				
	Wed.	1	8 ·29	3 ·61	21	—30	Mon.	1	10 ·39	9 ·44	23	2	Sat.	1	11 ·04	15 ·64	25
	Thur.	2	9 ·25	4 ·59	22	1	Tues.	2	11 ·46	10 ·53	24	3	Sun.	2	12 ·10	16 ·72	26
	Fri.	3	10 ·21	5 ·61	23	2	Wed.	3	12 ·55	11 ·63	25	4	Mon.	3	13 ·15	17 ·77	27
	Sat.	4	11 ·21	6 ·63	24	3	Thur.	4	13 ·63	12 ·74	26	5	Tues.	4	14 ·16	18 ·81	28
	Sun.	5	12 ·21	7 ·68	25	4	Fri.	5	14 ·71	13 ·85	27	6	Wed.	5	—**A** ·17	19 ·82	—29
	Mon.	6	13 ·25	8 ·74	26	5	Sat.	6	—**A** ·79	14 ·95	28	7	Thur.	6	1 ·15	20 ·81	1
	Tues.	7	14 ·31	9 ·83	27	6	Sun.	7	1 ·85	... ...	—29	8	Fri.	7	2 ·10	21 ·79	2
	Wed.	8	—**A** ·37	10 ·98	28	7	Mon.	8	2 ·89	15 ·03	1	9	Sat.	8	3 ·05 / 4 ·98	22 ·75	3
	Thur.	9	1 ·46	... ...	—29	8	Tues.	9	3 ·92	16 ·10	2	10	Sun.	9	5 ·89	23 ·70	4
	Fri.	10	2 ·54	11 ·04	1	9	Wed.	10	4 ·92	17 ·14	3	11	Mon.	10	6 ·80	24 ·64	5
	Sat.	11	3 ·63	12 ·15	2	10	Thur.	11	5 ·90	18 ·16	4	12	Tues.	11	7 ·71	25 ·57	6
	Sun.	12	4 ·69	13 ·25	3	11	Fri.	12	6 ·86	19 ·17	5	13	Wed.	12	8 ·61	26 ·50	7
	Mon.	13	5 ·74	14 ·34	4	12	Sat.	13	7 ·80	20 ·16	6	14	Thur.	13	9 ·51	27 ·43	8
	Tues.	14	6 ·79	15 ·41	5	13	Sun.	14	8 ·74	21 ·12	7	15	Fri.	14	10 ·42	1 ·38	9
	Wed.	15	7 ·81	16 ·48	6	14	Mon.	15	9 ·65	22 ·08	8	16	Sat.	15	11 ·34	2 ·32	10
	Thur.	16	8 ·81	17 ·51	7	15	Tues.	16	10 ·56	23 ·02 / 24 ·96	9	17	Sun.	16	12 ·27	3 ·27	11
	Fri.	17	9 ·79	18 ·52	8	16	Wed.	17	11 ·45	25 ·89	10	18	Mon.	17	13 ·21	4 ·23	12
	Sat.	18	10 ·75	19 ·51	9	17	Thur.	18	12 ·36	26 ·82	11	19	Tues.	18	14 ·17	5 ·22	13
	Sun.	19	11 ·69	20 ·49	10	18	Fri.	19	13 ·26	27 ·75	12	20	Wed.	19	**P** ·15	6 ·28	14
	Mon.	20	12 ·62	21 ·46	11	19	Sat.	20	14 ·18	1 ·69	13	21	Thur.	20	1 ·16	7 ·25	15
	Tues.	21	13 ·53	22 ·41	12	20	Sun.	21	**P** ·09	2 ·64	14	22	Fri.	21	2 ·17	8 ·29	16
	Wed.	22	14 ·43	23 ·34	13				1 ·01 / 2 ·95			23	Sat.	22	3 ·20	9 ·35	17
	Thur.	23	**P** ·33	24 ·28	14	21	Mon.	22		3 ·60	15	24	Sun.	23	4 ·27	10 ·44	18
	Fri.	24	1 ·23	25 ·21	15	22	Tues.	23	3 ·90	4 ·58	16	25	Mon.	24	5 ·35	11 ·54	19
	Sat.	25	2 ·14	26 ·14	16	23	Wed.	24	4 ·89	5 ·57	17	26	Tues.	25	6 ·44	12 ·65	20
	Sun.	26	3 ·03 / 4 ·95	27 ·08	17	24	Thur.	25	5 ·88	6 ·58	18	27	Wed.	26	7 ·53	13 ·76	21
				1 ·02 / 2 ·97		25	Fri.	26	6 ·89	7 ·61	19	28	Thur.	27	8 ·62	14 ·86	22
	Mon.	27	5 ·87		18	26	Sat.	27	7 ·93	8 ·67	20	29	Fri.	28	9 ·69	15 ·95	23
	Tues.	28	6 ·80	3 ·94	19	27	Sun.	28	8 ·98	9 ·74	21	—30	Sat.	29	10 ·75	... ...	24
	Wed.	29	7 ·76	4 ·92	20	28	Mon.	29	... ...	10 ·83	22	1	Sun.	30	11 ·80	16 ·02	25
	Thur.	30	8 ·78	5 ·93	21	29	Tues.	30	9 ·06	11 ·93	23	2	Mon.	31	12 ·81	17 ·09	26
	Fri.	31	9 ·73	6 ·94	22	—30	Wed.	31	10 ·15	... ...	24						

Pārthiva. **Karkataka—Ādi.** *Sukla.* *Bahula.* *H.* 1117 *Rabi-ul awwal.* *Pārthiva.* **Kanyā—Purattāśi.** *Sukla.* *Bahula.* *H.* 1117 *Jamāda'l awwal.* *Pārthiva.* **Tulā—Aippaśi.** *Sukla.* *Bahula.* *H.* 1117 *Jamāda'l ākhir.* *Pārthiva.* **Vṛśchika—Kārttigai.** *Sukla.* *Bahula.* *H.* 1117 *Rajab.* *Pārthiva.* **Dhanus—Mārgali.** *Sukla.* *Bahula.* *H.* 1117 *Sha'bān.* *Pārthiva.* **Sinha—Āvani.** *Sukla.* *Bahula.* *H.* 1117 *Rabi-ul ākhir.* *Pārthiva.* **Kanyā—Puratṭāśi.** *Sukla.* *Bahula.* *H.* 1117 *Jamāda'l awwal.* *Pārthiva.* **Tulā—Aippaśi.** *Sukla.* *Bahula.* *H.* 1117 *Rajab.* *Pārthiva.* **Vṛśchika—Kārttigai.** *Sukla.* *Bahula.* *H.* 1117 *Sha'bān.* *Pārthiva.* **Dhanus—Mārgali.** *Sukla.* *Bahula.* *H.* 1117 *Ramaẓān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1706. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·42.** **Śaka 1628.** **Kaliyuga 4807.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·33.** **(S. Cycle) Vyaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Tues.	1	13 ·81	18 ·13	27	3	Fri.	1	13 ·85	28 ·71	27	3	Wed. ●	1	—**A** ·36	2 ·00 / 3 ·94	28
4	Wed.	2	14 ·80	19 ·14	28	4	Sat.	2	14 ·76	24 ·65	28	4	Thur.	2	1 ·27	4 ·89	29
5	Thur.	3	—**A** ·76	20 ·14	29	5	Sun.	3	—**A** ·67	25 ·59	29	5	Fri.	3	2 ·20	5 ·86	—30
6	Fri.	4	1 ·69	21 ·12	—30	6	Mon.	4	1 ·57	26 ·52	—30	6	Sat.	4	3 ·15	6 ·84	1
7	Sat.	5	2 ·61	22 ·09	1	7	Tues.	5	2 ·48	27 ·45	1	7	Sun.	5	4 ·11	7 ·85	2
8	Sun.	6	3 ·54	23 ·03 / 24 ·98	2	8	Wed.	6	3 ·37	1 ·38	2	8	Mon.	6	5 ·08	8 ·87	3
9	Mon.	7	4 ·45	25 ·91	3	9	Thur.	7	4 ·27	2 ·32	3	9	Tues.	7	6 ·07	9 ·91	4
10	Tues.	8	5 ·35	26 ·84	4	10	Fri.	8	5 ·19	3 ·26	4	10	Wed.	8	7 ·10	10 ·97	5
11	Wed.	9	6 ·25	27 ·78	5	11	Sat.	9	6 ·12	4 ·23	5	11	Thur.	9	8 ·14	... ...	6
12	Thur.	10	7 ·15	1 ·71	6	12	Sun.	10	7 ·07	5 ·20	6	12	Fri.	10	9 ·20	11 ·05	7
13	Fri.	11	8 ·06 / 9 ·98	2 ·65	7	13	Mon.	11	8 ·03	6 ·19	7	13	Sat.	11	10 ·26	12 ·15	8
14	Sat.	12	10 ·91	3 ·60	8	14	Tues.	12	9 ·02	7 ·20	8	14	Sun.	12	11 ·35	13 ·25	9
15	Sun.	13	11 ·85	4 ·56	9	15	Wed.	13	10 ·01	8 ·23	9	15	Mon.	13	12 ·44	14 ·36	10
16	Mon.	14	12 ·81	5 ·55	10	16	Thur.	14	11 ·04	9 ·29	10	16	Tues.	14	13 ·51	15 ·46	11
17	Tues.	15	13 ·79	6 ·55	11	17	Fri.	15	12 ·08	10 ·35	11	17	Wed.	15	14 ·58	16 ·56	12
18	Wed.	16	14 ·80	7 ·56	12	18	Sat.	16	13 ·13	11 ·44	12	18	Thur.	16	ℙ ·63	17 ·64	13
19	Thur.	17	ℙ ·81	8 ·60	13	19	Sun.	17	14 ·21	12 ·54	13	19	Fri.	17	1 ·67	18 ·70	14
20	Fri.	18	1 ·87	9 ·66	14	20	Mon.	18	ℙ ·30	13 ·65	14	20	Sat.	18	2 ·68	19 ·74	15
21	Sat.	19	2 ·92	10 ·74	15	21	Tues.	19	1 ·39	14 ·76	15	21	Sun.	19	3 ·68	20 ·76	16
22	Sun.	20	... ...	11 ·84	16	22	Wed.	20	2 ·47	15 ·86	16	22	Mon.	20	4 ·65	21 ·76	17
23	Mon.	21	3 ·00	12 ·94	17	23	Thur.	21	3 ·54	16 ·95	17	23	Tues.	21	5 ·61	22 ·74	18
24	Tues.	22	4 ·09	... ...	18	24	Fri.	22	4 ·59	... ...	18	24	Wed.	22	6 ·54	23 ·72	19
25	Wed.	23	5 ·17	13 ·05	19	25	Sat.	23	5 ·63	17 ·02	19	25	Thur.	23	7 ·45	24 ·67	20
26	Thur.	24	6 ·26	14 ·15	20	26	Sun.	24	6 ·63	18 ·07	20	26	Fri.	24	8 ·36	25 ·61	21
27	Fri.	25	7 ·34	15 ·25	21	27	Mon.	25	7 ·63	19 ·11	21	27	Sat.	25	9 ·26	26 ·54	22
28	Sat.	26	8 ·40	16 ·34	22	28	Tues.	26	8 ·60	20 ·12	22	28	Sun.	26	10 ·16	27 ·47	23
—29	Sun.	27	9 ·43	17 ·40	23	—30	Wed.	27	9 ·56	21 ·11	23	29	Mon.	27	11 ·06 / 12 ·96	1 ·41	24
1	Mon.	28	10 ·44	18 ·44	24	1	Thur.	28	10 ·50	22 ·08	24	30	Tues.	28	13 ·87	2 ·35	25
2	Tues.	29	11 ·45	19 ·46	25	2	Fri.	29	11 ·42	23 ·04	25	31	Wed.	29	14 ·78	3 ·28	26
3	Wed.	30	12 ·43	20 ·46	26	3	Sat.	30	12 ·33	24 ·00 / 25 ·93	26	—32	Thur.	30	—**A** ·70	4 ·23	27
4	Thur.	31	13 ·39	21 ·45	27	4	Sun.	31	13 ·24	26 ·86	27	1	Fri.	31	1 ·64	5 ·19	28
	Feb.						**April.**						**June.**				
5	Fri.	1	14 ·31	22 ·42	28	4	Mon.	1	14 ·18	27 ·79	28	2	Sat.	1	2 ·60	6 ·17	—29
6	Sat.	2	—**A** ·24	23 ·37	—29	5	Tues.	2	**A** ·03 / 1 ·93	1 ·72	29	3	Sun.	2	3 ·57	7 ·17	1
7	Sun.	3	1 ·16	24 ·31	1	6	Wed.	3	2 ·84	2 ·66	—30	4	Mon.	3	4 ·57	8 ·18	2
8	Mon.	4	2 ·07 / 3 ·97	25 ·25	2	7	Thur.	4	3 ·75	3 ·59	1	5	Tues.	4	5 ·59	9 ·22	3
9	Tues.	5	4 ·87	26 ·19	3	8	Fri.	5	4 ·68	4 ·56	2	6	Wed.	5	6 ·62	10 ·27	4
10	Wed.	6	5 ·78	27 ·11	4	9	Sat.	6	5 ·62	5 ·53	3	7	Thur.	6	7 ·68	11 ·36	5
11	Thur.	7	6 ·68	1 ·05 / 2 ·98	5	10	Sun.	7	6 ·58	6 ·51	4	8	Fri.	7	8 ·75	12 ·45	6
12	Fri.	8	7 ·60	3 ·93	6	11	Mon.	8	7 ·57	7 ·52	5	9	Sat.	8	9 ·83	13 ·55	7
13	Sat.	9	8 ·53	4 ·90	7	12	Tues.	9	8 ·56	8 ·55	6	10	Sun.	9	10 ·91	14 ·66	8
14	Sun.	10	9 ·48	5 ·88	8	13	Wed.	10	9 ·60	9 ·60	7	11	Mon.	10	11 ·99	15 ·76	9
15	Mon.	11	10 ·43	6 ·86	9	14	Thur.	11	10 ·63	10 ·66	8	12	Tues.	11	... ..	16 ·86	10
16	Tues.	12	11 ·42	7 ·88	10	15	Fri.	12	11 ·68	11 ·74	9	13	Wed.	12	12 ·06	17 ·94	11
17	Wed.	13	12 ·42	8 ·91	11	16	Sat.	13	12 ·75	12 ·84	10	14	Thur.	13	13 ·11	... ...	12
18	Thur.	14	13 ·44	9 ·97	12	17	Sun.	14	13 ·84	13 ·95	11	15	Fri.	14	14 ·15	18 ·01	13
19	Fri.	15	14 ·49	... ...	13	18	Mon.	15	14 ·93	... ..	12	16	Sat.	15	ℙ ·16	19 ·06	14
20	Sat.	16	ℙ ·54	10 ·05	14	19	Tues. ○	16	... ...	14 ·06	13	17	Sun.	16	1 ·15	20 ·08	15
21	Sun.	17	1 ·62	11 ·14	15	20	Wed.	17	ℙ ·01	15 ·16	14	18	Mon.	17	2 ·12	21 ·09	16
22	Mon.	18	2 ·72	12 ·24	16	21	Thur.	18	1 ·08	16 ·25	15	19	Tues.	18	3 ·08	22 ·07	17
23	Tues.	19	3 ·80	13 ·35	17	22	Fri.	19	2 ·13	17 ·33	16	20	Wed.	19	4 ·02 / 5 ·94	23 ·05	18
24	Wed.	20	4 ·88	14 ·46	18	23	Sat.	20	3 ·17	18 ·39	17	21	Thur.	20	6 ·85	24 ·00 / 25 ·94	19
25	Thur.	21	5 ·95	15 ·56	19	24	Sun.	21	4 ·17	19 ·43	18	22	Fri.	21	7 ·75	26 ·88	20
26	Fri.	22	.. ...	16 ·64	20	25	Mon.	22	5 ·16	20 ·44	19	23	Sat.	22	8 ·61	27 ·82	21
27	Sat.	23	6 ·01	17 ·71	21	26	Tues.	23	6 ·14	21 ·44	20	24	Sun.	23	9 ·54	1 ·75	22
28	Sun.	24	7 ·05	18 ·76	22	27	Wed.	24	7 ·09	22 ·41	21	25	Mon.	24	10 ·45	2 ·68	23
29	Mon.	25	8 ·06	19 ·78	23	28	Thur.	25	8 ·03 / 9 ·95	23 ·37	22	26	Tues	25	11 ·34	3 ·62	24
—30	Tues.	26	9 ·06	20 ·80	24	29	Fri.	26	10 ·86	24 ·33	23	27	Wed.	26	12 ·26	4 ·56	25
1	Wed.	27	10 ·03 / 11 ·99	21 ·78	25	30	Sat.	27	11 ·76	25 ·27	24	28	Thur.	27	13 ·18	5 ·53	26
2	Thur.	28	12 ·92	22 ·75	26	—31	Sun.	28	12 ·67	26 ·20	25	29	Fri.	28	14 ·12	6 ·50	27
						1	Mon.	29	13 ·56	27 ·13	26	30	Sat.	29	—**A** ·07	7 ·49	28
						2	Tues.	30	14 ·46	1 ·06	27	—31	Sun.	30	1 ·05	8 ·50	29

Pārthiva. **Makara—Tai.** *Bahula.* *Śukla.* **Māgha.** *Bahula.* *H.* 1117 *Shawwāl.*

Pārthiva. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H.* 1117 *Zi-l-ka'da.*

Pārthiva. **Mīna—Paṅguni.** *Śukla.* **Chaitra.** *Bahula.* *H.* 1117 *Zi-l-hijja.*

Vyaya. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 1118 *Muharram.*

Vyaya. **Vṛishabha—Vaigāśi.** *Śukla.* **Jyeshṭha.** *Bahula.* *H.* 1118 *Śafar.*

Vyaya. **Mithuna—Āni.** *Śukla.* **Āshāḍha.** *Bahula.* *H.* 1118 *Rabī-ul awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1706. **Kollam 882,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1118.** Commences **April 4.** **Vikrama 1763.**
A—Amāvāsyā. **Bengal San. 1112.**
P—Paurnimā. **(N. Cycle) Durmukha.**

Vyaya. Karkataka—Ādi. — *Sukla.* (1–8) *Āshāḍha.* (12–16) *Bahula.* (22–25) — *H. 1118 Rabi-ul ākhir.*

SOLAR reckoning: Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning: Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
1	Mon. 1	2 ·04	9 ·53	—30
2	Tues. 2	3 ·06	10 ·58	1
3	Wed. 3	4 ·10	11 ·66	2
4	Thur. 4	5 ·16	12 ·75	3
5	Fri. 5	6 ·23	13 ·85	4
6	Sat. 6	7 ·30	14 ·95	5
7	Sun. 7	8 ·37	... ...	6
8	Mon. 8	9 ·45	15 ·06	7
9	Tues. 9	10 ·53	16 ·17	8
10	Wed. 10	11 ·60	17 ·25	9
11	Thur. 11	12 ·63	18 ·32	10
12	Fri. 12	13 ·64	19 ·37	11
13	Sat. 13	14 ·63	20 ·40	12
14	Sun. 14	**P** ·60	21 ·42	13
15	Mon. 15	1 ·56	22 ·41	14
16	Tues. 16	2 ·49	23 ·38	15
17	Wed. 17	3 ·42	24 ·34	16
18	Thur. 18	4 ·34	25 ·28	17
19	Fri. 19	5 ·24	26 ·23	18
20	Sat. 20	6 ·14	27 ·16	19
21	Sun. 21	7 ·04 / 8 ·94	1 ·09	20
22	Mon. 22	9 ·83	2 ·02 / 3 ·95	21
23	Tues. 23	10 ·75	4 ·90	22
24	Wed. 24	11 ·67	5 ·86	23
25	Thur. 25	12 ·61	6 ·83	24
26	Fri. 26	13 ·55	7 ·82	25
27	Sat. 27	14 ·54	8 ·82	26
28	Sun. 28	—**A** ·53	9 ·84	27
29	Mon. 29	1 ·54	10 ·90	28
30	Tues. 30	2 ·57	11 ·96	—29
31	Wed. 31	3 ·63	... ...	1

Vyaya. Simha—Āvaṇi. — *Sukla.* (Aug. 2–5) *Śrāvaṇa.* (Aug. 7–12) *Bahula.* (Aug. 19–22) — *H. 1118 Jamāda'l awwal.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Aug.			
—32	Thur. 1	4 ·71	12 ·05	2
1	Fri. 2	5 ·79	13 ·15	3
2	Sat. 3	6 ·88	14 ·25	4
3	Sun. 4	7 ·95	15 ·36	5
4	Mon. 5	... ...	16 ·47	6
5	Tues. 6	8 ·02	17 ·56	7
6	Wed. 7	9 ·08	18 ·63	8
7	Thur. 8	10 ·12	19 ·69	9
8	Fri. 9	11 ·14	20 ·73	10
9	Sat. 10	12 ·12	21 ·74	11
10	Sun. 11	13 ·10	22 ·73	12
11	Mon. 12	14 ·06	23 ·71	13
12	Tues. 13	**P** ·01 / 1 ·93	24 ·67	14
13	Wed. 14	2 ·83	25 ·63	15
14	Thur. 15	3 ·74	26 ·56	16
15	Fri. 16	4 ·64	27 ·49	17
16	Sat. 17	5 ·54	1 ·42	18
17	Sun. 18	6 ·44	2 ·35	19
18	Mon. 19	7 ·35	3 ·29	20
19	Tues. 20	8 ·25	4 ·24	21
20	Wed. 21	9 ·17	5 ·19	22
21	Thur. 22	10 ·11	6 ·16	23
22	Fri. 23	11 ·07	7 ·14	24
23	Sat. 24	12 ·05	8 ·14	25
24	Sun. 25	13 ·04	9 ·17	26
25	Mon. 26	14 ·06	10 ·21	27
26	Tues. 27	—**A** ·09	11 ·27	28
27	Wed. 28	1 ·15	12 ·35	29
28	Thur. 29	2 ·21	13 ·45	—30
29	Fri. 30	3 ·29	14 ·56	1
30	Sat. 31	4 ·38	15 ·67	2

Vyaya. Kanyā—Puraṭṭāsi. — *Sukla.* (Sep. 2–5) *Bhādrapada.* (Sep. 8–14) *Bahula.* (Sep. 16–20) — *H. 1118 Jamāda'l ākhir.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
—31	Sun. 1	5 ·46	16 ·77	3
1	Mon. 2	6 ·54	17 ·86	4
2	Tues. 3	7 ·60	18 ·94	5
3	Wed. 4	8 ·65	... ...	6
4	Thur. 5	9 ·66	19 ·01	7
5	Fri. 6	10 ·65	20 ·05	8
6	Sat. 7	11 ·63	21 ·06	9
7	Sun. 8	12 ·59	22 ·06	10
8	Mon. 9	13 ·53	23 ·04	11
9	Tues. 10	14 ·45	24 ·01 / 25 ·96	12
10	Wed. 11	**P** ·37	26 ·90	13
11	Thur. 12	1 ·27	27 ·83	14
12	Fri. 13	2 ·18	1 ·76	15
13	Sat. 14	3 ·08 / 4 ·98	2 ·69	16
14	Sun. 15	5 ·88	3 ·64	17
15	Mon. 16	6 ·79	4 ·57	18
16	Tues. 17	7 ·72	5 ·52	19
17	Wed. 18	8 ·66	6 ·48	20
18	Thur. 19	9 ·61	7 ·46	21
19	Fri. 20	10 ·59	8 ·47	22
20	Sat. 21	11 ·58	9 ·48	23
21	Sun. 22	12 ·60	10 ·52	24
22	Mon. 23	13 ·63	11 ·58	25
23	Tues. 24	14 ·69	12 ·65	26
24	Wed. 25	—**A** ·76	13 ·75	27
25	Thur. 26	1 ·85	14 ·86	28
26	Fri. 27	2 ·93	15 ·96	—29
27	Sat. 28	... ...	... ...	1
28	Sun. 29	3 ·01	16 ·06	2
29	Mon. 30	4 ·08	17 ·16	3

Vyaya. Tulā—Aippaśi. — *Sukla.* (Oct. 2–5) *Āśvina.* (Oct. 9–12) *Bahula.* (Oct. 14–18) — *H. 1118 Rajab.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Oct.			
—30	Tues. 1	5 ·16	18 ·25	4
1	Wed. 2	6 ·20	19 ·32	5
2	Thur. 3	7 ·22	20 ·36	6
3	Fri. 4	8 ·22	21 ·38	7
4	Sat. 5	9 ·19	22 ·38	8
5	Sun. 6	10 ·15	23 ·37	9
6	Mon. 7	11 ·10	24 ·34	10
7	Tues. 8	12 ·02 / 13 ·94	25 ·30	11
8	Wed. 9	14 ·84	26 ·24	12
9	Thur. ◯ 10	**P** ·75	27 ·17	13
10	Fri. 11	1 ·65	1 ·10	14
11	Sat. 12	2 ·56	2 ·04 / 3 ·97	15
12	Sun. 13	3 ·46	4 ·91	16
13	Mon. 14	4 ·37	5 ·86	17
14	Tues. 15	5 ·30	6 ·81	18
15	Wed. 16	6 ·24	7 ·80	19
16	Thur. 17	7 ·19	8 ·79	20
17	Fri. 18	8 ·17	9 ·80	21
18	Sat. 19	9 ·17	10 ·83	22
19	Sun. 20	10 ·19	11 ·88	23
20	Mon. 21	11 ·23	12 ·96	24
21	Tues. 22	12 ·29	... ...	25
22	Wed. 23	13 ·36	13 ·05	26
23	Thur. 24	14 ·44	14 ·15	27
24	Fri. 25	—**A** ·53	15 ·26	28
25	Sat. 26	1 ·63	16 ·37	29
26	Sun. 27	2 ·70	17 ·47	—30
27	Mon. 28	3 ·75	18 ·56	1
28	Tues. 29	4 ·79	19 ·63	2
29	Wed. 30	5 ·81	20 ·68	3
—30	Thur. 31	6 ·82	21 ·70	4

Vyaya. Vriśchika—Kārttigai. — *Sukla.* (Nov. 1–3) *Kārttika.* (Nov. 4–9) *Bahula.* (Nov. 15–18) — *H. 1118 Sha'bān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
1	Fri. 1	7 ·79	22 ·71	5
2	Sat. 2	8 ·75	23 ·70	6
3	Sun. 3	9 ·70	24 ·67	7
4	Mon. 4	10 ·63	25 ·63	8
5	Tues. 5	11 ·55	26 ·58	9
6	Wed. 6	12 ·45	27 ·51	10
7	Thur. 7	13 ·35	1 ·45	11
8	Fri. 8	14 ·25	2 ·38	12
9	Sat. 9	**P** ·16	3 ·31	13
10	Sun. 10	1 ·07 / 2 ·99	4 ·25	14
11	Mon. 11	3 ·91	5 ·19	15
12	Tues. 12	4 ·85	6 ·15	16
13	Wed. 13	5 ·81	7 ·12	17
14	Thur. 14	6 ·79	8 ·11	18
15	Fri. 15	7 ·79	9 ·12	19
16	Sat. 16	8 ·82	10 ·14	20
17	Sun. 17	9 ·85	11 ·20	21
18	Mon. 18	10 ·91	12 ·27	22
19	Tues. 19	11 ·98	13 ·35	23
20	Wed. 20	... ...	14 ·45	24
21	Thur. 21	12 ·07	15 ·56	25
22	Fri. 22	13 ·16	16 ·67	26
23	Sat. 23	14 ·25	17 ·78	27
24	Sun. 24	—**A** ·32	18 ·86	28
25	Mon. 25	1 ·39	19 ·94	—29
26	Tues. 26	2 ·43	20 ·99	1
27	Wed. 27	3 ·45	... ...	2
28	Thur. 28	4 ·44	21 ·02	3
29	Fri. 29	5 ·42	22 ·04	4
—30	Sat. 30	6 ·38	23 ·03	5

Vyaya. Dhanus—Mārgali. — *Sukla.* (Dec. 1–2) *Mārgaśirsha.* (Dec. 5–12) *Bahula.* (Dec. 14–17) *Sukla.* (Dec. 25–27) — *H. 1118 Ramazān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Dec.			
1	Sun. 1	7 ·32	24 ·01 / 25 ·96	6
2	Mon. 2	8 ·25	26 ·91	7
3	Tues. 3	9 ·17	27 ·86	8
4	Wed. 4	10 ·08 / 11 ·97	1 ·79	9
5	Thur. 5	12 ·88	2 ·72	10
6	Fri. 6	13 ·79	3 ·65	11
7	Sat. 7	14 ·69	4 ·58	12
8	Sun. 8	**P** ·62	5 ·53	13
9	Mon. 9	1 ·54	6 ·49	14
10	Tues. 10	2 ·49	7 ·45	15
11	Wed. 11	3 ·45	8 ·44	16
12	Thur. 12	4 ·44	9 ·44	17
13	Fri. 13	5 ·43	10 ·47	18
14	Sat. 14	6 ·45	11 ·51	19
15	Sun. 15	7 ·50	12 ·57	20
16	Mon. 16	8 ·56	13 ·66	21
17	Tues. 17	9 ·64	14 ·75	22
18	Wed. 18	10 ·73	15 ·86	23
19	Thur. 19	11 ·82	16 ·97	24
20	Fri. 20	12 ·90	... ...	25
21	Sat. 21	13 ·98	17 ·08	26
22	Sun. 22	... ...	18 ·17	27
23	Mon. 23	14 ·04	19 ·24	28
24	Tues. 24	—**A** ·07	20 ·30	29
25	Wed. 25	1 ·09	21 ·35	—30
26	Thur. 26	2 ·09	22 ·36	1
27	Fri. 27	3 ·07	23 ·38	2
28	Sat. 28	4 ·02 / 5 ·97	24 ·35	3
—29	Sun. 29	6 ·90	25 ·31	4
1	Mon. 30	7 ·81	26 ·26	5
2	Tues. 31	8 ·73	27 ·20	6

A.D. 1707. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·68.** **Śaka 1629.** **Kaliyuga 4808.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·59.** **(S. Cycle) Sarvajit.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
Vyaya. **Makara—Tai.** 3	Wed. 1	*Sukla.* 9 ·62	1 ·13	7
4	Thur. 2	10 ·53	2 ·06 } 3 ·99 }	8
5	Fri. 3	11 ·43	4 ·93	9
6	Sat. 4	12 ·35	5 ·87	10
7	Sun. 5	13 ·26	6 ·82	11
8	Mon. 6	14 ·18	7 ·78	12
9	Tues. 7	**P** ·13	8 ·76	13
10	Wed. 8	1 ·09	9 ·76	14
11	Thur. 9	2 ·08	10 ·78	15
12	Fri. 10	3 ·08	11 ·82	16
13	Sat. 11	4 ·11	12 ·88	17
14	Sun. 12	5 ·14	13 ·96	18
15	Mon. 13	*Bahula.* 6 ·21	... ...	19
16	Tues. 14	7 ·29	14 ·05	20
17	Wed. 15	8 ·38	15 ·16	21
18	Thur. 16	9 ·47	16 ·27	22
19	Fri. 17	10 ·56	17 ·38	23
20	Sat. 18	11 ·64	18 ·47	24
21	Sun. 19	12 ·69	19 ·55	25
22	Mon. 20	13 ·72	20 ·62	26
23	Tues. 21	14 ·74	21 ·66	27
24	Wed. 22	**A** ·73	22 ·68	28
25	Thur. 23	1 ·71	23 ·68	29
26	Fri. 24	2 ·66	24 ·66	1
27	Sat. 25	3 ·60	25 ·63	2
28	Sun. 26	4 ·53	26 ·58	3
29	Mon. 27	*Sukla.* 5 ·45	27 ·53	4
1	Tues. 28	6 ·35	1 ·47	5
2	Wed. 29	7 ·25	2 ·40	6
3	Thur. 30	8 ·15	3 ·82	7
4	Fri. 31	9 ·05 } 10 ·97 }	4 ·27	8
	Feb.			
Vyaya. **Kumbha—Māgh.** 5	Sat. 1	11 ·18	5 ·20	9
6	Sun. 2	12 ·81	6 ·15	10
7	Mon. 3	13 ·77	7 ·11	11
8	Tues. 4	14 ·73	8 ·09	12
9	Wed. 5	**P** ·31	9 ·09	13
10	Thur. 6	1 ·70	10 ·10	14
11	Fri. 7	2 ·74	11 ·13	15
12	Sat. 8	3 ·79	12 ·19	16
13	Sun. 9	4 ·85	13 ·26	17
14	Mon. 10	5 ·92	14 ·36	18
15	Tues. 11	.. ...	15 ·46	19
16	Wed. 12	6 ·00	16 ·57	20
17	Thur. 13	7 ·09	17 ·67	21
18	Fri. 14	8 ·18	18 ·77	22
19	Sat. 15	9 ·26	19 ·86	23
20	Sun. 16	10 ·31	20 ·93	24
21	Mon. 17	11 ·35	21 ·97	25
22	Tues. 18	12 ·35	... ...	26
23	Wed. 19	13 ·35	22 ·00	27
24	Thur. 20	14 ·33	23 ·01	28
25	Fri. 21	**A** ·28	24 ·00 } 25 ·97 }	29
26	Sat. 22	1 ·22	26 ·93	30
27	Sun. 23	2 ·14	27 ·87	1
28	Mon. 24	3 ·06 } 4 ·96 }	1 ·80	2
29	Tues. 25	5 ·88	2 ·74	3
30	Wed. 26	6 ·77	3 ·67	4
1	Thur. 27	7 ·67	4 ·60	5
2	Fri. 28	8 ·58	5 ·54	6

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
Vyaya. **Mīna—Pāguni.** 3	Sat. 1	*Sukla.* 9 ·49	6 ·48	7
4	Sun. 2	10 ·42	7 ·44	8
5	Mon. 3	11 ·36	8 ·42	9
6	Tues. 4	12 ·33	9 ·41	10
7	Wed. 5	13 ·31	10 ·42	11
8	Thur. 6	14 ·41	11 ·45	12
9	Fri. 7	**P** ·34	12 ·50	13
10	Sat. 8	1 ·38	13 ·58	14
11	Sun. 9	2 ·44	14 ·66	15
12	Mon. 10	3 ·53	15 ·76	16
13	Tues. 11	4 ·62	16 ·87	17
14	Wed. 12	5 ·71	17 ·97	18
15	Thur. 13	6 ·79	... ...	19
16	Fri. 14	7 ·85	18 ·07	20
17	Sat. 15	8 ·90	19 ·17	21
18	Sun. 16	9 ·94	20 ·24	22
19	Mon. 17	10 ·94	21 ·29	23
20	Tues. 18	11 ·94	22 ·32	24
21	Wed. 19	12 ·90	23 ·33	25
22	Thur. 20	13 ·86	24 ·34	26
23	Fri. 21	14 ·80	25 ·30	27
24	Sat. 22	**A** ·72	26 ·26	28
25	Sun. 23	1 ·64	27 ·21	29
26	Mon. 24	2 ·54	1 ·14	1
27	Tues. 25	3 ·43	2 ·08	2
28	Wed. 26	*Sukla.* 4 ·33	3 ·01 } 4 ·94 }	3
29	Thur. 27	5 ·24	5 ·88	4
30	Fri. 28	6 ·15	6 ·82	5
31	Sat. 29	7 ·07 } 8 ·99 }	7 ·78	6
1	Sun. 30	9 ·93	8 ·75	7
2	Mon. 31	10 ·89	9 ·23	8
	April.			
Sarvajit. **Mēsha—Chittirai.** 3	Tues. 1	11 ·87	10 ·74	9
4	Wed. 2	12 ·87	11 ·76	10
5	Thur. 3	13 ·90	12 ·82	11
6	Fri. 4	14 ·95	13 ·88	12
7	Sat.○ 5	**P** ...	14 ·96	13
8	Sun. 6	1 ·00	... ...	14
9	Mon. 7	1 ·08	15 ·06	15
10	Tues. 8	2 ·17	16 ·16	16
11	Wed. 9	3 ·25	17 ·28	17
12	Thur. 10	4 ·34	18 ·38	18
13	Fri. 11	5 ·40	19 ·48	19
14	Sat. 12	6 ·46	20 ·55	20
15	Sun. 13	7 ·48	21 ·60	21
16	Mon. 14	8 ·48	22 ·64	22
17	Tues. 15	9 ·48	23 ·66	23
18	Wed. 16	10 ·45	24 ·66	24
19	Thur. 17	11 ·40	25 ·63	25
20	Fri. 18	12 ·34	26 ·59	26
21	Sat. 19	13 ·27	27 ·54	27
22	Sun. 20	14 ·17	1 ·49	28
23	Mon. ● 21	**A** ·08 } 1 ·97 }	2 ·42	29
24	Tues. 22	2 ·87	3 ·25	30
25	Wed. 23	3 ·77	4 ·28	1
26	Thur. 24	4 ·67	5 ·21	2
27	Fri. 25	*Sukla.* 5 ·59	6 ·16	3
28	Sat. 26	6 ·52	7 ·11	4
29	Sun. 27	7 ·47	8 ·08	5
30	Mon. 28	8 ·42	9 ·06	6
31	Tues. 29	9 ·40	10 ·08	7
1	Wed. 30	10 ·40	11 ·09	8

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
Sarvajit. **Vrishabha—Vaigāsi.** 2	Thur. 1	11 ·42	12 ·18	9
3	Fri. 2	12 ·47	13 ·19	10
4	Sat. 3	13 ·52	14 ·27	11
5	Sun. 4	14 ·60	15 ·36	12
6	Mon. 5	**P** ·68	16 ·47	13
7	Tues. 6	1 ·76	17 ·58	14
8	Wed. 7	2 ·84	18 ·68	15
9	Thur. 8	3 ·91	19 ·78	16
10	Fri. 9	4 ·97	20 ·85	17
11	Sat. 10	5 ·99	21 ·91	18
12	Sun. 11	... ...	22 ·96	19
13	Mon. 12	*Bahula.* 6 ·00 } 7 ·99 }	23 ·98	20
14	Tues. 13	8 ·97	24 ·98	21
15	Wed. 14	9 ·92	25 ·96	22
16	Thur. 15	10 ·85	26 ·93	23
17	Fri. 16	11 ·77	27 ·89	24
18	Sat. 17	12 ·67	1 ·83	25
19	Sun. 18	13 ·57	2 ·76	26
20	Mon. 19	14 ·47	3 ·69	27
21	Tues. 20	**A** ·38	4 ·62	28
22	Wed. 21	1 ·27	5 ·55	29
23	Thur. 22	2 ·17	6 ·50	1
24	Fri. 23	3 ·09	7 ·45	2
25	Sat. 24	4 ·02 } 5 ·97 }	8 ·41	3
26	Sun. 25	6 ·92	9 ·38	4
27	Mon. 26	7 ·90	10 ·39	5
28	Tues. 27	8 ·89	11 ·40	6
29	Wed. 28	*Sukla.* 9 ·92	12 ·41	7
30	Thur. 29	10 ·95	13 ·49	8
31	Fri. 30	... ...	14 ·57	9
1	Sat. 31	11 ·00	15 ·67	10
	June.			
Sarvajit. **Mithuna—Āni.** 2	Sun. 1	12 ·09	16 ·77	11
3	Mon. 2	13 ·17	17 ·88	12
4	Tues. 3	14 ·26	18 ·98	13
5	Wed. 4	**P** ·33	... ...	14
6	Thur. 5	1 ·40	19 ·07	15
7	Fri. 6	2 ·44	20 ·16	16
8	Sat. 7	3 ·47	21 ·23	17
9	Sun. 8	4 ·49	22 ·28	18
10	Mon. 9	5 ·48	23 ·30	19
11	Tues. 10	6 ·45	24 ·31	20
12	Wed. 11	7 ·40	25 ·29	21
13	Thur. 12	8 ·34	26 ·27	22
14	Fri. 13	9 ·26	27 ·22	23
15	Sat. 14	10 ·16	1 ·16	24
16	Sun. 15	11 ·06 } 12 ·96 }	2 ·10	25
17	Mon. 16	13 ·86	3 ·03 } 4 ·97 }	26
18	Tues. 17	14 ·76	5 ·90	27
19	Wed. 18	**A** ·66	6 ·83	28
20	Thur. 19	1 ·58	7 ·78	29
21	Fri. 20	2 ·51	8 ·74	30
22	Sat. 21	3 ·45	9 ·71	1
23	Sun. 22	*Sukla.* 4 ·40	10 ·71	2
24	Mon. 23	5 ·38	11 ·72	3
25	Tues. 24	6 ·37	12 ·75	4
26	Wed. 25	7 ·39	13 ·80	5
27	Thur. 26	8 ·43	14 ·87	6
28	Fri. 27	9 ·49	15 ·97	7
29	Sat. 28	10 ·56	... ...	8
30	Sun. 29	11 ·64	16 ·07	9
31	Mon. 30	12 ·73	17 ·17	10

H. 1118 *Shawwāl.* 7 | *H.* 1118 *Zi-l-ka'da.* 15 | *H.* 1118 *Zi-l-hijja.* 16 | *H.* 1119 *Muharram.* 13 | *H.* 1119 *Safar.* 14 | *H.* 1119 *Rabī-ul awwal.* 13

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P Bhad. 26. U. Bhad. 27. Rev.

A.D. 1707. **Kollam 883,** { **N. Malabar—Sep.** **Hijra 1119.** **Vikrama 1764.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **March 24.** **Bengal San. 1113.**
P—Paurnimā. **(N. Cycle) Hemalamba.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Sarvajit. **Karkaṭaka—Ādi.**				
—32	Tues. 1	13 ·79	18 ·28	11
1	Wed. 2	14 ·87	19 ·38	12
2	Thur. 3	P ·92	20 ·48	13
3	Fri. 4	1 ·98	21 ·54	14
4	Sat. 5	2 ·96	22 ·59	15
5	Sun. 6	3 ·95	23 ·62	16
6	Mon. 7	4 ·93	24 ·63	17
7	Tues. 8	5 ·88	25 ·63	18
8	Wed. 9	6 ·82	26 ·60	19
9	Thur. 10	7 ·74	27 ·56	20
10	Fri. 11	8 ·65	1 ·50	21
11	Sat. 12	9 ·55	2 ·44	22
12	Sun. 13	10 ·46	3 ·37	23
13	Mon. 14	11 ·35	4 ·31	24
14	Tues. 15	12 ·24	5 ·24	25
15	Wed. 16	13 ·15	6 ·17	26
16	Thur. 17	14 ·06 / A ·99	7 ·11	27
17	Fri. 18	1 ·92	8 ·07	28
18	Sat. 19	2 ·88	9 ·05	—29
19	Sun. 20	3 ·86	10 ·03	1
20	Mon. 21	4 ·84	11 ·04	2
21	Tues. 22	5 ·87	12 ·06	3
22	Wed. 23	6 ·91	13 ·11	4
23	Thur. 24	7 ·97	14 ·19	5
24	Fri. 25	... ...	15 ·27	6
25	Sat. 26	8 ·04	16 ·37	7
26	Sun. 27	9 ·12	17 ·47	8
27	Mon. 28	10 ·20	18 ·58	9
28	Tues. 29	11 ·27	19 ·69	10
29	Wed. 30	12 ·34	20 ·78	11
30	Thur. 31	13 ·39	21 ·85	12
	Aug.			
Sarvajit. **Siṁha—Āvaṇi.**				
—31	Fri. 1	14 ·43	22 ·91	13
1	Sat. 2	P ·45	23 ·94	14
2	Sun. 3	1 ·45	24 ·96	15
3	Mon. 4	2 ·42	25 ·95	16
4	Tues. 5	3 ·37	26 ·93	17
5	Wed. 6	4 ·32	27 ·89	18
6	Thur. 7	5 ·24	1 ·84	19
7	Fri. 8	6 ·15	2 ·77	20
8	Sat. 9	7 ·05 / 8 ·95	3 ·71	21
9	Sun. 10	9 ·85	4 ·64	22
10	Mon. 11	10 ·75	5 ·57	23
11	Tues. 12	11 ·65	6 ·51	24
12	Wed. 13	12 ·56	7 ·45	25
13	Thur. 14	13 ·49	8 ·41	26
14	Fri. 15	14 ·43	9 ·38	27
15	Sat. 16	A ·38	10 ·36	28
16	Sun. 17	1 ·36	11 ·36	29
17	Mon. 18	2 ·36	12 ·38	—30
18	Tues. 19	3 ·37	13 ·43	1
19	Wed. 20	4 ·41	14 ·49	2
20	Thur. 21	5 ·47	15 ·57	3
21	Fri. 22	6 ·54	16 ·67	4
22	Sat. 23	7 ·62	17 ·77	5
23	Sun. 24	8 ·70	18 ·88	6
24	Mon. 25	9 ·79	19 ·99	7
25	Tues. 26	10 ·86	... ...	8
26	Wed. 27	11 ·92	20 ·08	9
27	Thur. 28	12 ·94	21 ·15	10
28	Fri. 29	13 ·96	22 ·22	11
29	Sat. 30	14 ·96	23 ·26	12
30	Sun. 31	P ·93	24 ·28	13

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
—31	Mon. 1	1 ·90	25 ·28	14
1	Tues. 2	2 ·83	26 ·26	15
2	Wed. 3	3 ·76	27 ·22	16
3	Thur. 4	4 ·67	1 ·17	17
4	Fri. 5	5 ·57	2 ·11	18
5	Sat. 6	6 ·48	3 ·05 / 4 ·98	19
6	Sun. 7	7 ·37	5 ·91	20
7	Mon. 8	8 ·28	6 ·85	21
8	Tues. 9	9 ·17	7 ·79	22
9	Wed. 10	10 ·09	8 ·74	23
10	Thur. 11	11 ·02 / 12 ·96	9 ·70	24
11	Fri. 12	13 ·91	10 ·68	25
12	Sat. 13	14 ·89	11 ·68	26
13	Sun. 14	—A ·89	12 ·70	27
14	Mon. 15	1 ·90	13 ·74	28
15	Tues. 16	2 ·95	14 ·80	—29
16	Wed. 17	.. ...	15 ·87	1
17	Thur. 18	3 ·00	16 ·96	2
18	Fri. 19	4 ·08	... ...	3
19	Sat. 20	5 ·16	17 ·07	4
20	Sun. 21	6 ·24	18 ·18	5
21	Mon. 22	7 ·33	19 ·29	6
22	Tues. 23	8 ·40	20 ·38	7
23	Wed. 24	9 ·46	21 ·46	8
24	Thur. 25	10 ·49	22 ·53	9
25	Fri. 26	11 ·51	23 ·58	10
26	Sat. 27	12 ·51	24 ·60	11
27	Sun. 28	13 ·48	25 ·60	12
28	Mon. 29	14 ·45	26 ·59	13
29	Tues. 30	P ·39	27 ·56	14
	Oct.			
—30	Wed. 1	1 ·31	1 ·52	15
1	Thur. 2	2 ·28	2 ·46	16
2	Fri. 3	3 ·14	3 ·39	17
3	Sat. 4	4 ·04 / 5 ·94	4 ·32	18
4	Sun. 5	6 ·84	5 ·25	19
5	Mon. 6	7 ·74	6 ·19	20
6	Tues. 7	8 ·66	7 ·13	21
7	Wed. 8	9 ·59	8 ·08	22
8	Thur. 9	10 ·54	9 ·03	23
9	Fri. 10	11 ·49	10 ·01	24
10	Sat. 11	12 ·47	11 ·01	25
11	Sun. 12	13 ·47	12 ·02	26
12	Mon. 13	14 ·48	13 ·05	27
13	Tues. 14	—A ·53	14 ·10	28
14	Wed. 15	1 ·59	15 ·18	29
15	Thur. 16	2 ·66	16 ·27	—30
16	Fri. 17	3 ·74	17 ·38	1
17	Sat. 18	4 ·83	18 ·48	2
18	Sun. 19	5 ·91	19 ·59	3
19	Mon. 20	6 ·99	20 ·69	4
20	Tues. 21	.. ...	21 ·77	5
21	Wed. 22	7 ·05	22 ·85	6
22	Thur. 23	8 ·08	23 ·90	7
23	Fri. 24	9 ·11	24 ·92	8
24	Sat. 25	10 ·10	25 ·93	9
25	Sun. 26	11 ·08	26 ·92	10
26	Mon. 27	12 ·05 / 13 ·99	27 ·89	11
27	Tues. 28	14 ·91	1 ·85	12
28	Wed. 29	P ·82	2 ·79	13
29	Thur. 30	1 ·73	3 ·73	14
—30	Fri. 31	2 ·64	4 ·67	15

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Sarvajit. **Vṛiśchika—Kārttigai.**				
1	Sat. 1	3 ·54	5 ·60	16
2	Sun. 2	4 ·44	6 ·53	17
3	Mon. 3	5 ·35	7 ·46	18
4	Tues. 4	6 ·26	8 ·41	19
5	Wed. 5	7 ·20	9 ·36	20
6	Thur. 6	8 ·14	10 ·34	21
7	Fri. 7	9 ·09	11 ·33	22
8	Sat. 8	10 ·08	12 ·34	23
9	Sun. 9	11 ·08	13 ·37	24
10	Mon. 10	12 ·10	14 ·41	25
11	Tues. 11	13 ·14	15 ·49	26
12	Wed. 12	14 ·21	16 ·58	27
13	Thur. 13	—A ·29	17 ·67	28
14	Fri. 14	1 ·37	18 ·78	—29
15	Sat. 15	2 ·46	19 ·89	1
16	Sun. 16	3 ·54	20 ·99	2
17	Mon. 17	4 ·62	... ...	3
18	Tues. 18	5 ·68	21 ·08	4
19	Wed. 19	6 ·72	22 ·16	5
20	Thur. 20	7 ·73	23 ·21	6
21	Fri. 21	8 ·73	24 ·24	7
22	Sat. 22	9 ·71	25 ·25	8
23	Sun. 23	10 ·66	26 ·25	9
24	Mon. 24	11 ·60	27 ·23	10
25	Tues. 25	12 ·53	1 ·18	11
26	Wed. 26	13 ·46	2 ·13	12
27	Thur. 27	14 ·36	3 ·07	13
28	Fri. 28	P ·26	4 ·01 / 5 ·94	14
29	Sat. 29	1 ·17	6 ·87	15
—30	Sun. 30	2 ·06 / 3 ·97	7 ·80	16
	Dec.			
Sarvajit. **Dhanus—Mārgali.**				
1	Mon. 1	4 ·89	8 ·74	17
2	Tues. 2	5 ·83	9 ·70	18
3	Wed. 3	6 ·77	10 ·67	19
4	Thur. 4	7 ·74	11 ·36	20
5	Fri. 5	8 ·72	12 ·66	21
6	Sat. 6	9 ·71	13 ·68	22
7	Sun. 7	10 ·74	14 ·72	23
8	Mon. 8	11 ·79	15 ·80	24
9	Tues. 9	12 ·86	16 ·88	25
10	Wed. 10	13 ·93	17 ·97	26
11	Thur. 11	... ...	... ...	27
12	Fri. 12	14 ·02	18 ·08	28
13	Sat. 13	—A ·11	19 ·19	29
14	Sun. 14	1 ·19	20 ·30	—30
15	Mon. 15	2 ·26	21 ·39	1
16	Tues. 16	3 ·32	22 ·46	2
17	Wed. 17	4 ·36	23 ·52	3
18	Thur. 18	5 ·37	24 ·56	4
19	Fri. 19	6 ·38	25 ·58	5
20	Sat. 20	7 ·35	26 ·58	6
21	Sun. 21	8 ·30	27 ·55	7
22	Mon. 22	9 ·25	1 ·52	8
23	Tues. 23	10 ·17	2 ·47	9
24	Wed. 24	11 ·09 / 12 ·99	3 ·42	10
25	Thur. 25	13 ·90	4 ·35	11
26	Fri. 26	14 ·80	5 ·28	12
27	Sat. 27	P ·71	6 ·21	13
28	Sun. 28	1 ·62	7 ·14	14
—29	Mon. 29	2 ·53	8 ·08	15
1	Tues. 30	3 ·47	9 ·04	16
2	Wed. 31	4 ·41	10 ·00 / 11 ·98	17

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1708. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·94.** **Śaka 1630.** **Kaliyuga 4809.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·85.** **(S. Cycle) Sarvadhārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Thur.	1	5 ·38	12 ·98	18	3	Mon.	1	6 ·75	17 ·88	19	3	Sat.	1	7 ·24	22 ·00	21
4	Fri.	2	6 ·36	13 ·99	19	4	Tues.	2	7 ·84	18 ·98	20	4	Sun.	2	8 ·29	23 ·07	22
5	Sat.	3	7 ·37	... ...	20	5	Wed.	3	8 ·92	... ...	21	5	Mon.	3	9 ·32	24 ·13	23
6	Sun	4	8 ·39	14 ·04	21	6	Thur.	4	.. ...	19 ·09	22	6	Tues.	4	10 ·33	25 ·17	24
7	Mon.	5	9 ·43	15 ·10	22	7	Fri.	5	9 ·01	20 ·19	23	7	Wed.	5	11 ·32	26 ·20	25
8	Tues.	6	10 ·50	16 ·18	23	8	Sat.	6	10 ·09	21 ·29	24	8	Thur.	6	12 ·28	27 ·21	26
9	Wed.	7	11 ·59	17 ·27	24	9	Sun.	7	11 ·15	22 ·38	25	9	Fri.	7	13 ·23	1 ·18	27
10	Thur.	8	12 ·68	18 ·37	25	10	Mon.	8	12 ·21	23 ·46	26	10	Sat.	8	14 ·16	2 ·15	28
11	Fri.	9	13 ·77	19 ·49	26	11	Tues.	9	13 ·24	24 ·51	27	11	Sun.	9	A ·08	3 ·10	29
12	Sat.	10	14 ·86	20 ·60	27	12	Wed.	10	14 ·26	25 ·54	28	12	Mon.	10	1 ·00	4 ·05	1
13	Sun.	11	A ·92	21 ·69	28	13	Thur. ●	11	A ·24	26 ·55	29				2 ·89	5 ·98	
14	Mon.	12	1 ·96	22 ·77	29	14	Fri.	12	1 ·21	27 ·54	1	13	Tues.	11	3 ·79	6 ·91	2
15	Tues.	13	... ...	23 ·83	1	15	Sat.	13	2 ·16	1 ·52	2	14	Wed.	12	4 ·69	7 ·84	3
16	Wed.	14	2 ·00	24 ·88	2	16	Sun.	14	3 ·09	2 ·47	3	15	Thur.	13	5 ·59	8 ·77	4
17	Thur.	15	3 ·02	25 ·90	3				4 ·02			16	Fri.	14	6 ·49	9 ·71	5
18	Fri.	16	4 ·02	26 ·90	4	17	Mon.	15	5 ·93	3 ·42	4	17	Sat.	15	7 ·40	10 ·67	6
			5 ·99			18	Tues.	16	6 ·84	4 ·36	5	18	Sun.	16	8 ·34	11 ·63	7
19	Sat.	17	6 ·95	27 ·88	5	19	Wed.	17	7 ·73	5 ·29	6	19	Mon.	17	9 ·28	12 ·60	8
20	Sun.	18	7 ·89	1 ·85	6	20	Thur.	18	8 ·63	6 ·23	7	20	Tues.	18	10 ·24	13 ·60	9
21	Mon.	19	8 ·81	2 ·81	7	21	Fri.	19	9 ·54	7 ·16	8	21	Wed.	19	11 ·22	14 ·62	10
22	Tues.	20	9 ·72	3 ·75	8	22	Sat.	20	10 ·45	8 ·10	9	22	Thur.	20	12 ·23	15 ·66	11
23	Wed.	21	10 ·63	4 ·69	9					9 ·04		23	Fri.	21	13 ·24	16 ·71	12
24	Thur.	22	11 ·53	5 ·61	10	23	Sun.	21	11 ·36	10 ·99	10	24	Sat.	22	14 ·28	17 ·79	13
25	Fri.	23	12 ·43	6 ·54	11	24	Mon.	22	12 ·28	11 ·97	11	25	Sun.	23	P ·35	18 ·88	14
26	Sat.	24	13 ·34	7 ·48	12	25	Tues.	23	13 ·24	12 ·95	12	26	Mon.	24	1 ·42	19 ·98	15
27	Sun.	25	14 ·25	8 ·42	13	26	Wed.	24	14 ·20	13 ·96	13	27	Tues.	25	2 ·50	... ...	16
28	Mon.	26	P ·17	9 ·37	14	27	Thur. ○	25	P ·19	14 ·98	14	28	Wed.	26	3 ·59	20 ·10	17
29	Tues.	27	1 ·10	10 ·33	15	28	Fri.	26	1 ·19	... ...	15	29	Thur.	27	4 ·67	21 ·20	18
30	Wed.	28	2 ·04	11 ·31	16	29	Sat.	27	2 ·22	15 ·03	16	30	Fri.	28	5 ·74	22 ·30	19
31	Thur.	29	3 ·02	12 ·30	17	30	Sun.	28	3 ·26	16 ·09	17	31	Sat.	29	6 ·78	23 ·38	20
1	Fri.	30	4 ·00	13 ·32	18	1	Mon.	29	4 ·32	17 ·18	18	1	Sun.	30	7 ·81	24 ·45	21
2	Sat.	31	5 ·01	14 ·35	19	2	Tues.	30	5 ·40	18 ·28	19	2	Mon.	31	8 ·82	25 ·50	22
						3	Wed.	31	6 ·48	19 ·38	20						
	Feb.						**April.**						**June.**				
4	Sun.	1	6 ·03	15 ·41	20	4	Thur.	1	7 ·57	20 ·49	21	3	Tues.	1	9 ·80	26 ·52	23
5	Mon.	2	7 ·08	16 ·48	21	5	Fri.	2	8 ·65	21 ·59	22	4	Wed.	2	10 ·77	27 ·53	24
6	Tues.	3	8 ·15	17 ·57	22	6	Sat.	3	9 ·72	22 ·69	23	5	Thur.	3	11 ·73	1 ·51	25
7	Wed.	4	9 ·23	18 ·68	23	7	Sun.	4	10 ·77	23 ·77	24	6	Fri.	4	12 ·65	2 ·48	26
8	Thur.	5	10 ·31	19 ·79	24	8	Mon.	5	11 ·80	24 ·81	25	7	Sat.	5	13 ·57	3 ·44	27
9	Fri.	6	11 ·39	20 ·89	25	9	Tues.	6	12 ·81	25 ·86	26	8	Sun.	6	14 ·49	4 ·38	28
10	Sat.	7	12 ·48	21 ·99	26	10	Wed.	7	13 ·79	26 ·87	27	9	Mon.	7	A ·39	5 ·32	29
11	Sun.	8	13 ·56	... ...	27	11	Thur.	8	14 ·76	27 ·88	28	10	Tues.	8	1 ·28	6 ·25	30
12	Mon.	9	14 ·61	22 ·08	28	12	Fri.	9	A ·71	1 ·85	29	11	Wed.	9	2 ·18	7 ·18	1
13	Tues.	10	A ·64	23 ·15	29	13	Sat.	10	1 ·65	2 ·81	30				3 ·08		
14	Wed.	11	1 ·66	24 ·20	30	14	Sun.	11	2 ·57	3 ·76	1	12	Thur.	10	4 ·98	8 ·11	2
15	Thur.	12	2 ·64	25 ·22	1	15	Mon.	12	3 ·48	4 ·70	2	13	Fri.	11	5 ·90	9 ·05	3
16	Fri.	13	3 ·61	26 ·23	2	16	Tues.	13	4 ·38	5 ·64	3	14	Sat.	12	6 ·82	10 ·00	4
17	Sat.	14	4 ·57	27 ·21	3	17	Wed.	14	5 ·27	6 ·57	4					11 ·96	
18	Sun.	15	5 ·50	1 ·18	4	18	Thur.	15	6 ·18	7 ·50	5	15	Sun.	13	7 ·76	12 ·93	5
19	Mon.	16	6 ·43	2 ·15	5				7 ·08			16	Mon.	14	8 ·72	13 ·92	6
20	Tues.	17	7 ·34	3 ·09	6	19	Fri.	16	8 ·99	8 ·43	6	17	Tues.	15	9 ·70	14 ·94	7
				4 ·02		20	Sat.	17	9 ·90	9 ·37	7	18	Wed.	16	10 ·71	15 ·96	8
21	Wed.	18	8 ·25	5 ·95	7	21	Sun.	18	10 ·83	10 ·33	8	19	Thur.	17	11 ·72	... ...	9
22	Thur.	19	9 ·14	6 ·88	8	22	Mon.	19	11 ·77	11 ·30	9	20	Fri.	18	12 ·77	16 ·02	10
23	Fri	20	10 ·05	7 ·82	9	23	Tues.	20	12 ·73	12 ·28	10	21	Sat.	19	13 ·82	17 ·09	11
			11 ·96			24	Wed.	21	13 ·72	13 ·28	11	22	Sun.	20	14 ·89	18 ·18	12
24	Sat.	21	12 ·86	8 ·76	10	25	Thur.	22	14 ·72	14 ·30	12	23	Mon.	21	P ·97	19 ·28	13
25	Sun.	22	13 ·78	9 ·70	11	26	Fri.	23	P ·75	15 ·34	13	24	Tues.	22	... ...	20 ·39	14
26	Mon.	23	14 ·71	10 ·66	12	27	Sat.	24	1 ·79	16 ·41	14	25	Wed.	23	1 ·06	21 ·50	15
27	Tues.	24	P ·66	11 ·63	13	28	Sun.	25	2 ·85	17 ·49	15	26	Thur.	24	2 ·14	22 ·60	16
28	Wed.	25	1 ·62	12 ·63	14	29	Mon.	26	3 ·92	18 ·58	16	27	Fri.	25	3 ·20	23 ·69	17
29	Thur.	26	2 ·62	13 ·64	15	30	Tues.	27	... ...	19 ·68	17	28	Sat.	26	4 ·26	24 ·76	18
30	Fri.	27	3 ·62	14 ·67	16	31	Wed.	28	4 ·01	20 ·79	18	29	Sun.	27	5 ·29	25 ·81	19
1	Sat.	28	4 ·65	15 ·72	17	1	Thur.	29	5 ·09	21 ·90	19	30	Mon.	28	6 ·29	26 ·84	20
2	Sun.	29	5 ·69	16 ·79	18	2	Fri.	30	6 ·17	... ...	20	31	Tues.	29	7 ·28	27 ·85	21
												32	Wed.	30	8 ·25	1 ·84	22

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1708. **Kollam 884,** { **N. Malabar—Sep.** **Hijra 1120.** **Vikrama 1765.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **March 12.** **Bengal San. 1114.**
P—Paurnimā. **(N. Cycle) Vilamb.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Sarvadhārin.						*Sarvadhārin.*						*Sarvadhārin.*					
Karkataka—Ādi.						**Kanyā—Puraṭṭāsi.**						**Vṛśchika—Kārttigai.**					
1	Thur.	1	9 ·20	2 ·81	23	1	Wed.	1	13 ·49	9 ·06	26	1	Mon.	1	—**A** ·38	16 ·59	28
2	Fri.	2	10 ·13	3 ·77	24	2	Thur.	2	14 ·40	10 ·00 / 11 ·96	27	2	Tues.	2	1 ·39	17 ·63	—29
3	Sat.	3	11 ·06 / 12 ·97	4 ·72	25	3	Fri. ●	3	—**A** ·33	12 ·92	28	3	Wed.	3	2 ·44	18 ·70	1
4	Sun.	4	13 ·87	5 ·66	26	4	Sat.	4	1 ·27	13 ·90	—29	4	Thur.	4	3 ·51	19 ·79	2
5	Mon.	5	14 ·76	6 ·59	27	5	Sun.	5	2 ·22	14 ·90	1	5	Fri.	5	4 ·58	20 ·89	3
6	Tues.	6	—**A** ·66	7 ·52	28	6	Mon.	6	3 ·21	15 ·91	2	6	Sat.	6	5 ·67	... ...	4
7	Wed.	7	1 ·55	8 ·46	29	7	Tues.	7	4 ·21	16 ·95	3	7	Sun.	7	6 ·75	21 ·00	5
8	Thur.	8	2 ·46	9 ·39	1	8	Wed.	8	5 ·22	... ...	4	8	Mon.	8	7 ·84	22 ·11	6
9	Fri.	9	3 ·38	10 ·33	2	9	Thur.	9	6 ·26	17 ·02	5	9	Tues.	9	8 ·91	23 ·21	7
10	Sat.	10	4 ·30	11 ·29	3	10	Fri.	10	7 ·31	18 ·09	6	10	Wed.	10	9 ·97	24 ·30	8
11	Sun.	11	5 ·24	12 ·26	4	11	Sat.	11	8 ·39	19 ·19	7	11	Thur.	11	... ...	25 ·38	9
12	Mon.	12	6 ·20	13 ·25	5	12	Sun.	12	9 ·47	20 ·29	8	12	Fri.	12	10 ·01	26 ·43	10
13	Tues.	13	7 ·18	14 ·26	6	13	Mon.	13	10 ·56	21 ·39	9	13	Sat.	13	11 ·03	27 ·46	11
14	Wed.	14	8 ·18	15 ·28	7	14	Tues.	14	11 ·64	22 ·50	10	14	Sun.	14	12 ·02 / 13 ·99	1 ·47	12
15	Thur.	15	9 ·20	16 ·33	8	15	Wed.	15	12 ·72	23 ·60	11	15	Mon.	15	14 ·95	2 ·46	13
16	Fri.	16	10 ·24	17 ·40	9	16	Thur.	16	13 ·77	24 ·69	12	16	Tues.	16	**P** ·89	3 ·44	14
17	Sat.	17	11 ·29	18 ·49	10	17	Fri.	17	14 ·81	25 ·75	13	17	Wed.	17	1 ·82	4 ·40	15
18	Sun.	18	12 ·37	19 ·59	11	18	Sat. ○	18	**P** ·83	26 ·79	14	18	Thur.	18	2 ·73	5 ·35	16
19	Mon.	19	13 ·45	20 ·69	12	19	Sun.	19	1 ·81	27 ·82	15	19	Fri.	19	3 ·63	6 ·29	17
20	Tues.	20	14 ·53	21 ·80	13	20	Mon.	20	2 ·79	1 ·82	16	20	Sat.	20	4 ·54	7 ·22	18
21	Wed.	21	**P** ·60	22 ·90	14	21	Tues.	21	3 ·76	2 ·81	17	21	Sun.	21	5 ·44	8 ·14	19
22	Thur.	22	1 ·67	... ...	15	22	Wed.	22	4 ·69	3 ·77	18	22	Mon.	22	6 ·35	9 ·09	20
23	Fri.	23	2 ·73	23 ·00	16	23	Thur.	23	5 ·61	4 ·72	19	23	Tues.	23	7 ·25	10 ·02 / 11 ·96	21
24	Sat.	24	3 ·77	24 ·07	17	24	Fri.	24	6 ·52	5 ·67	20	24	Wed.	24	8 ·17	12 ·92	22
25	Sun.	25	4 ·78	25 ·13	18	25	Sat.	25	7 ·42	6 ·61	21	25	Thur.	25	9 ·10	13 ·88	23
26	Mon.	26	5 ·76	26 ·16	19	26	Sun.	26	8 ·33	7 ·54	22	26	Fri.	26	10 ·05	14 ·88	24
27	Tues.	27	6 ·74	27 ·17	20	27	Mon.	27	9 ·23	8 ·47	23	27	Sat.	27	11 ·02	15 88	25
28	Wed.	28	7 ·69	1 ·16	21	28	Tues.	28	10 ·13	9 ·40	24	28	Sun.	28	12 ·00	16 ·90	26
29	Thur.	29	8 ·62	2 ·15	22	29	Wed.	29	11 ·04 / 12 ·96	10 ·34	25	—29	Mon.	29	13 ·01	17 ·94	27
30	Fri.	30	9 ·55	3 ·11	23	30	Thur.	30	13 ·89	11 ·29	26	1	Tues.	30	14 ·03	... ...	28
—31	Sat.	31	10 ·46	4 ·06 / 5 ·99	24												
	Aug.						**Oct.**						**Dec.**				
Sarvadhārin.						*Sarvadhārin.*						*Sarvadhārin.*					
Siṁha—Āvaṇi.						**Tulā—Aippasi.**						**Dhanus—Mārgali.**					
1	Sun.	1	11 ·36	6 ·92	25	—31	Fri.	1	14 ·83	12 ·25	27	2	Wed.	1	—**A** ·09	18 ·01	29
2	Mon.	2	12 ·26	7 ·86	26	1	Sat.	2	—**A** ·79	13 ·23	28	3	Thur.	2	1 ·15	19 ·10	—30
3	Tues.	3	13 ·16	8 ·79	27	2	Sun.	3	1 ·77	14 ·22	29	4	Fri.	3	2 ·23	20 ·20	1
4	Wed.	4	14 ·05 / **A** 96	9 ·73	28	3	Mon.	4	2 ·77	15 ·22	—30	5	Sat.	4	3 ·32	21 ·30	2
5	Thur.	5	1 ·88	10 ·67	29	4	Tues.	5	3 ·79	16 ·27	1	6	Sun.	5	4 ·40	22 ·40	3
6	Fri.	6	2 ·80	11 ·62	—30	5	Wed.	6	4 ·83	17 ·32	2	7	Mon.	6	5 ·49	23 ·51	4
7	Sat.	7	3 ·73	12 ·60	1	6	Thur.	7	5 ·89	18 ·40	3	8	Tues.	7	6 ·56	24 ·61	5
8	Sun.	8	4 ·69	13 ·58	2	7	Fri.	8	6 ·96	19 ·49	4	9	Wed.	8	7 ·62	25 ·68	6
9	Mon.	9	5 ·68	14 58	3	8	Sat.	9	... ...	20 ·59	5	10	Thur.	9	8 ·65	26 ·74	7
10	Tues.	10	6 ·68	15 ·60	4	9	Sun.	10	7 ·05	21 ·70	6	11	Fri.	10	9 ·67	27 ·78	8
11	Wed.	11	7 ·70	16 ·64	5	10	Mon.	11	8 ·14	22 ·81	7	12	Sat.	11	10 ·66	1 ·79	9
12	Thur.	12	8 ·73	17 ·70	6	11	Tues.	12	9 ·23	23 ·91	8	13	Sun.	12	11 ·63	2 ·79	10
13	Fri.	13	9 ·78	18 ·79	7	12	Wed.	13	10 ·30	24 ·99	9	14	Mon.	13	12 ·59	3 ·77	11
14	Sat.	14	10 ·86	19 ·89	8	13	Thur.	14	11 ·35	... ...	10	15	Tues.	14	13 ·53	4 ·74	12
15	Sun.	15	11 ·94	20 ·99	9	14	Fri.	15	12 ·39	25 ·05	11	16	Wed.	15	14 ·46	5 ·68	13
16	Mon.	16	... ...	...	10	15	Sat.	16	13 ·41	26 ·11	12	17	Thur.	16	**P** ·37	6 ·62	14
17	Tues.	17	12 ·03	21 ·10	11	16	Sun.	17	14 ·40	27 ·14	13	18	Fri.	17	1 ·27	7 ·56	15
18	Wed.	18	13 ·11	22 ·20	12	17	Mon.	18	**P** ·37	1 ·15	14	19	Sat.	18	2 ·18	8 ·50	16
19	Thur.	19	14 ·19	23 ·30	13	18	Tues.	19	1 ·34	2 ·13	15	20	Sun.	19	3 ·08 / 4 ·98	9 ·43	17
20	Fri.	20	**P** ·23	24 ·38	14	19	Wed.	20	2 ·28	3 10	16	21	Mon.	20	5 ·89	10 ·36	18
21	Sat.	21	1 ·26	25 ·44	15	20	Thur.	21	3 ·20	4 ·07	17	22	Tues.	21	6 ·82	11 ·30	19
22	Sun.	22	2 ·29	26 47	16	21	Fri.	22	4 ·11	5 ·01 / 6 ·94	18	23	Wed.	22	7 ·74	12 ·25	20
23	Mon.	23	3 ·27	27 49	17	22	Sat.	23	5 ·01 / 6 ·92	7 ·88	19	24	Thur.	23	8 ·69	13 ·22	21
24	Tues.	24	4 ·25	1 ·50	18	23	Sun.	24	7 ·82	8 ·81	20	25	Fri.	24	9 ·66	14 ·20	22
25	Wed.	25	5 ·21	2 ·48	19	24	Mon.	25	8 ·73	9 ·74	21	26	Sat.	25	10 ·65	15 ·20	23
26	Thur.	26	6 ·15	3 ·44	20	25	Tues.	26	9 ·63	10 ·69	22	27	Sun.	26	11 ·65	16 ·22	24
27	Fri.	27	7 ·07 / 8 ·97	4 ·39	21	26	Wed.	27	10 ·55	11 ·63	23	28	Mon.	27	12 ·68	17 ·25	25
28	Sat.	28	9 ·87	5 ·33	22	27	Thur.	28	11 ·48	12 ·58	24	29	Tues.	28	13 ·73	18 ·32	26
29	Sun.	29	10 ·77	6 ·27	23	28	Fri.	29	12 42	13 ·55	25	—30	Wed.	29	14 ·79	19 ·40	27
30	Mon.	30	11 ·67	7 ·20	24	29	Sat.	30	13 ·39	14 ·54	26	1	Thur.	30	—**A** ·87	20 ·49	28
—31	Tues.	31	12 ·57	8 ·13	25	—30	Sun.	31	14 87	15 ·56	27	2	Fri.	31	1 ·96	21 ·60	—29

Śukla. *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

H. 1120 *Jamādu'l awwal.* *H.* 1120 *Jamādu'l ākhir.* *H.* 1120 *Rajab.* *H.* 1120 *Sha'bān.* *H.* 1120 *Ramażān.* *H.* 1120 *Shawwāl.*

13. Hasta. **14.** Chit. **15.** Svāti. **16.** Viśāk. **17.** Anur. **18.** Jyesh. **19.** Mūla. **20.** P. Ash. **21.** U. Ash. **22.** Śrav. **23.** Dhani. **24.** Śatab.

A.D. 1709. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·20.** **Śaka 1631.** **Kaliyuga 4810.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·11.** **(S. Cycle) Virodhin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Sarvadhârin. **Makara—Tai.** 3	Sat. 1	... ...	22 ·70	1
4	Sun. 2	2 ·05	23 ·81	2
5	Mon. 3	3 ·14	24 ·91	3
6	Tues. 4	4 ·20	25 ·99	4
7	Wed. 5	5 ·26	... ...	5
8	Thur. 6	*Śukla.* 6 ·29	26 ·05	6
9	Fri. 7	7 ·32	27 ·09	7
10	Sat. 8	8 ·30	1 ·11	8
11	Sun. 9	9 ·28	2 ·12	9
12	Mon. 10	10 ·24	3 ·10	10
13	Tues. 11	11 ·18	4 ·07	11
14	Wed. 12	12 ·09 / 13 ·99	5 ·02 / 6 ·96	12
15	Thur. 13	**Magha.** 14 ·91	7 ·90	13
16	Fri. 14	☽ ·81	8 ·83	14
17	Sat. 15	1 ·71	9 ·76	15
18	Sun. 16	2 ·62	10 ·70	16
19	Mon. 17	3 ·53	11 ·63	17
20	Tues. 18	4 ·45	12 ·59	18
21	Wed. 19	5 ·38	13 ·55	19
22	Thur. 20	6 ·34	14 ·53	20
23	Fri. 21	7 ·30	15 ·52	21
24	Sat. 22	8 ·29	16 ·53	22
25	Sun. 23	9 ·29	17 ·56	23
26	Mon. 24	10 ·33	18 ·63	24
27	Tues. 25	11 ·38	19 ·70	25
28	Wed. 26	12 ·45	20 ·79	26
—29	Thur. 27	13 ·52	21 ·89	27
1	Fri. 28	14 ·61	... ...	28
2	Sat. 29	—**A** ·70	22 ·00	29
3	Sun. 30	1 ·78	23 ·11	—30
4	Mon. 31	2 ·85	24 ·21	1
	Feb.			
5	Tues. 1	3 ·90	25 ·30	2
6	Wed. 2	4 ·94	26 ·36	3
7	Thur. 3	5 ·95	27 ·41	4
8	Fri. 4	*Śukla.* 6 ·93	1 ·44	5
9	Sat. 5	7 ·91	2 ·45	6
10	Sun. 6	8 ·86	3 ·43	7
11	Mon. 7	9 ·80	4 ·40	8
12	Tues. 8	10 ·72	5 ·36	9
13	Wed. 9	11 ·63	6 ·30	10
14	Thur. 10	12 ·53	7 ·23	11
15	Fri. 11	13 ·43	8 ·17	12
16	Sat. 12	14 ·34	9 ·11	13
17	Sun. 13	**Phâlguna.** ☽ ·24	10 ·03 / 11 ·98	14
18	Mon. 14	1 ·15	12 ·92	15
19	Tues. 15	2 ·06	13 ·88	16
20	Wed. 16	3 ·00 / 4 ·95	14 ·85	17
21	Thur. 17	5 ·92	15 ·84	18
22	Fri. 18	6 ·91	16 ·85	19
23	Sat. 19	7 ·91	17 ·88	20
24	Sun. 20	8 ·95	18 ·94	21
25	Mon. 21	*Bahula.* 9 ·99	... ...	22
26	Tues. 22	... ...	19 ·01	23
27	Wed. 23	10 ·06	20 ·09	24
28	Thur. 24	11 ·14	21 ·19	25
29	Fri. 25	12 ·23	22 ·31	26
—30	Sat. 26	13 ·32	23 ·41	27
1	Sun. 27	14 ·40	24 ·51	28
2	Mon. ● 28	—**A** ·46	25 ·60	29

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
3	Tues. 1	1 ·51	26 ·67	—30
4	Wed. 2	2 ·55	27 ·73	1
5	Thur. 3	3 ·55	1 ·76	2
6	Fri. 4	4 ·54	2 ·77	3
7	Sat. 5	5 ·50	3 ·76	4
8	Sun. 6	6 ·45	4 ·73	5
9	Mon. 7	7 ·39	5 ·70	6
10	Tues. 8	8 ·31	6 ·64	7
11	Wed. 9	9 ·22	7 ·58	8
12	Thur. 10	10 ·13	8 ·51	9
13	Fri. 11	11 ·02 / 12 ·92	9 ·44	10
Sarvadhârin. **Mîna—Pâṅguni.** 14	Sat. 12	**Chaitra.** 13 ·83	10 ·37	11
15	Sun. 13	☽ ·74	11 ·32	12
16	Mon. 14	1 ·65	12 ·26	13
17	Tues. 15	1 ·59	13 ·21	14
18	Wed. 16	2 ·54	14 ·18	15
19	Thur. 17	3 ·51	15 ·16	16
20	Fri. 18	4 ·49	16 ·18	17
21	Sat. 19	5 ·50	17 ·20	18
22	Sun. 20	6 ·53	18 ·25	19
23	Mon. 21	7 ·57	19 ·31	20
24	Tues. 22	*Bahula.* 8 ·64	20 ·39	21
25	Wed. 23	9 ·72	21 ·50	22
26	Thur. 24	10 ·81	22 ·61	23
27	Fri. 25	11 ·89	23 ·71	24
28	Sat. 26	12 ·97	24 ·81	25
29	Sun. 27	... ..	25 ·90	26
—30	Mon. 28	13 ·03	26 ·99	27
1	Tues. 29	14 ·08	... ...	28
2	Wed. 30	—**A** ·12	27 ·04	29
3	Thur. 31	1 ·11	1 ·08	—30
	April.			
4	Fri. 1	2 ·10	2 ·09	1
5	Sat. 2	3 ·06	3 ·09	2
6	Sun. 3	4 ·02 / 5 ·95	4 ·07	3
7	Mon. 4	6 ·87	5 ·03 / 6 ·97	4
8	Tues. 5	7 ·78	7 ·92	5
9	Wed. 6	8 ·68	8 ·85	6
10	Thur. 7	9 ·57	9 ·78	7
11	Fri. 8	10 ·48	10 ·72	8
12	Sat. 9	11 ·39	11 ·65	9
13	Sun. 10	12 ·29	12 ·59	10
14	Mon. 11	13 ·20	13 ·54	11
15	Tues. 12	14 ·13	14 ·51	12
16	Wed. 13	☽ ·08	15 ·50	13
17	Thur. 14	1 ·05	16 ·50	14
18	Fri. 15	2 ·03	17 ·52	15
19	Sat. 16	3 ·04	18 ·56	16
20	Sun. 17	4 ·07	19 ·62	17
21	Mon. 18	5 ·12	20 ·71	18
22	Tues. 19	6 ·17	21 ·80	19
23	Wed. 20	7 ·25	22 ·90	20
24	Thur. 21	8 ·34	... ...	21
25	Fri. 22	9 ·42	23 ·01	22
26	Sat. 23	10 ·50	24 ·11	23
27	Sun. 24	11 ·56	25 ·21	24
28	Mon. 25	12 ·61	26 ·29	25
29	Tues. 26	13 ·63	27 ·36	26
30	Wed. 27	14 ·65	1 ·39	27
—31	Thur. 28	—**A** ·63	2 ·41	28
1	Fri. 29	1 ·60	3 ·41	29
2	Sat. 30	2 ·55	4 ·40	1

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
3	Sun. 1	*Śukla.* 3 ·47	5 ·36	2
4	Mon. 2	4 ·39	6 ·32	3
5	Tues. 3	5 ·30	7 ·26	4
6	Wed. 4	6 ·20	8 ·19	5
7	Thur. 5	7 ·09 / 8 ·99	9 ·13	6
8	Fri. 6	9 ·90	10 ·06 / 11 ·99	7
Virodhin. **Vrishabha—Vaigâśi.** 9	Sat. 7	10 ·81	12 ·93	8
10	Sun. 8	11 ·72	13 ·88	9
11	Mon. 9	12 ·65	14 ·85	10
12	Tues. 10	13 ·60	15 ·82	11
13	Wed. 11	14 ·56	16 ·82	12
14	Thur. 12	☽ ·55	17 ·83	13
15	Fri. 13	1 ·55	18 ·87	14
16	Sat. 14	2 ·56	19 ·93	15
17	Sun. 15	3 ·62	... ...	16
18	Mon. 16	4 ·68	20 ·01	17
19	Tues. 17	5 ·76	21 ·10	18
20	Wed. 18	6 ·83	22 ·20	19
21	Thur. 19	7 ·93	23 ·31	20
22	Fri. 20	... ...	24 ·42	21
23	Sat. 21	*Bahula.* 8 ·00	25 ·52	22
24	Sun. 22	9 ·05	26 ·60	23
25	Mon. 23	10 ·10	27 ·67	24
26	Tues. 24	11 ·13	1 ·71	25
27	Wed. 25	12 ·15	2 ·73	26
28	Thur. 26	13 ·12	3 ·74	27
29	Fri. 27	14 ·10	4 ·73	28
30	Sat. 28	**A** ·04 / 1 ·98	5 ·70	29
—31	Sun. 29	2 ·89	6 ·65	—30
1	Mon. 30	3 ·80	7 ·59	1
2	Tues. 31	4 ·70	8 ·54	2
	June.			
3	Wed. 1	5 ·59	9 ·47	3
4	Thur. 2	6 ·50	10 ·40	4
5	Fri. 3	7 ·40	11 ·33	5
6	Sat. 4	*Śukla.* 8 ·30	12 ·26	6
7	Sun. 5	9 ·21	13 ·22	7
8	Mon. 6	10 ·14	14 ·18	8
9	Tues. 7	11 ·09	15 ·15	9
10	Wed. 8	12 ·04	16 ·14	10
11	Thur. 9	13 ·03	17 ·15	11
12	Fri. 10	14 ·03	18 ·19	12
13	Sat. 11	☽ ·05	19 ·24	13
14	Sun. 12	1 ·09	20 ·31	14
15	Mon. 13	2 ·15	21 ·40	15
16	Tues. 14	3 ·22	22 ·50	16
17	Wed. 15	4 ·30	23 ·61	17
18	Thur. 16	5 ·40	24 ·72	18
19	Fri. 17	6 ·48	25 ·82	19
20	Sat. 18	7 ·54	26 ·91	20
21	Sun. 19	8 ·58	27 ·97	21
22	Mon. 20	*Bahula.* 9 ·61	... ...	22
23	Tues. 21	10 ·62	1 ·02	23
24	Wed. 22	11 ·60	2 ·06	24
25	Thur. 23	12 ·58	3 ·07	25
26	Fri. 24	13 ·52	4 ·06	26
27	Sat. 25	14 ·45	5 ·03 / 6 ·98	27
28	Sun. 26	—**A** ·37	7 ·94	28
29	Mon. 27	1 ·29	8 ·87	—29
30	Tues. 28	2 ·18	9 ·80	1
31	Wed. 29	3 ·07 / 4 ·98	10 ·74	2
—32	Thur. 30	5 ·87	11 ·67	3

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1709. **Kollam 885,** { **N. Malabar—Sep.** **Hijra 1121.** **Vikrama 1766.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **March 2.** **Bengal San. 1115.**
P—Paurnimā. **(N. Cycle) Vikārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Fri.	1	6 ·78	12 ·61	4	—31	Thur.	1	9 ·53	19 ·17	7	1	Tues.	1	10 ·06	25 ·33	9
2	Sat.	2	7 ·69	13 ·55	5	1	Fri.	2	10 ·58	20 ·23	8	2	Wed.	2	11 ·14	26 ·43	10
3	Sun.	3	8 ·62	14 ·51	6	2	Sat.	3	11 ·63	21 ·31	9	3	Thur.	3	12 ·21	27 ·52	11
4	Mon.	4	9 ·56	15 ·48	7	3	Sun.	4	12 ·71	22 ·41	10	4	Fri.	4	13 ·26	1 ·59	12
5	Tues.	5	10 ·52	16 ·46	8	4	Mon.	5	13 ·80	23 ·51	11	5	Sat.	5	14 ·30	2 ·65	13
6	Wed.	6	11 ·51	17 ·48	9	5	Tues.	6	14 ·88	24 ·62	12	6	Sun.	6	P ·31	3 ·68	14
7	Thur.	7	12 ·50	18 ·50	10	6	Wed.	7	P ·96	25 ·72	13	7	Mon.	7	1 ·30	4 ·69	15
8	Fri.	8	13 ·53	19 ·55	11	7	Thur.	8	... ...	26 ·83	14	8	Tues.	8	2 ·28	5 ·68	16
9	Sat.	9	14 ·57	20 ·62	12	8	Fri.	9	1 ·03	27 ·91	15	9	Wed.	9	3 ·23	6 ·65	17
10	Sun.	10	P ·63	21 ·70	13	9	Sat.	10	2 ·08	1 ·97	16	10	Thur.	10	4 ·18	7 ·62	18
11	Mon.	11	1 ·70	22 ·80	14	10	Sun.	11	3 ·11	... ..	17	11	Fri.	11	5 ·10	8 ·57	19
12	Tues.	12	2 ·79	23 ·90	15	11	Mon.	12	4 ·13	2 ·01	18	12	Sat.	12	6 ·01	9 ·51	20
13	Wed.	13	3 ·87	... ...	16	12	Tues.	13	5 ·12	3 ·03	19				7 ·92		
14	Thur.	14	4 ·94	24 ·02	17	13	Wed.	14	6 ·09	4 ·04	20	13	Sun.	13	8 ·82	10 ·44	21
15	Fri.	15	... ...	25 ·12	18	14	Thur.	15	7 ·05	5 ·03	21	14	Mon.	14	9 ·72	11 ·37	22
16	Sat.	16	5 ·01	26 ·21	19				8 ·98	6 ·99		15	Tues.	15	10 ·62	12 ·30	23
17	Sun.	17	6 ·06	27 ·28	20	15	Fr.	16	9 ·91	7 ·95	22	16	Wed.	16	11 ·54	13 ·24	24
18	Mon.	18	7 ·10	1 ·35	21	16	Sat.	17	10 ·82	8 ·89	23	17	Thur.	17	12 ·46	14 ·18	25
19	Tues.	19	8 ·10	2 ·38	22	17	Sun.	18	11 ·73	9 ·82	24	18	Fri.	18	13 ·39	15 ·13	26
20	Wed.	20	9 ·09	3 ·39	23	18	Mon.	19	12 ·63	10 ·76	25	19	Sat.	19	14 ·33	16 ·10	27
21	Thur.	21	10 ·06	4 ·38	24	19	Tues.	20	13 ·53	11 ·69	26	20	Sun.	20	A ·30	17 ·09	28
22	Fri.	22	11 ·00	5 ·36	25	20	Wed.	21	14 ·42	12 ·62	27	21	Mon.	21	1 ·29	18 ·11	29
			12 ·94			21	Thur.	22	A ·33	13 ·56	28	22	Tues.	22	2 ·29	19 ·12	30
23	Sat.	23	13 ·86	6 ·33	26	22	Fri.	23	1 ·25	14 ·50	29	23	Wed.	23	3 ·32	20 ·16	1
24	Sun.	24	14 ·78	7 ·27	27	23	Sat.	24	2 ·18	15 ·47	—30	24	Thur.	24	4 ·37	21 ·23	2
25	Mon.	25	A ·67	8 ·21	28	24	Sun.	25	3 ·11	16 ·45	1	25	Fri.	25	5 ·44	22 ·31	3
26	Tues.	26	1 ·57	9 ·14	29	25	Mon.	26	4 ·08	17 ·44	2	26	Sat.	26	6 ·51	23 ·41	4
27	Wed.	27	2 ·47	10 ·07	—30	26	Tues.	27	5 ·06	18 ·45	3	27	Sun.	27	7 ·60	24 ·52	5
28	Thur.	28	3 ·36	11 ·01	1	27	Wed.	28	6 ·06	19 ·48	4	28	Mon.	28	8 ·69	25 ·63	6
				12 ·95		28	Thur.	29	7 ·09	20 ·55	5	—29	Tues.	29	9 ·77	26 ·73	7
29	Fri.	29	4 ·27	13 ·89	2	29	Fri.	30	8 ·14	21 ·62	6	1	Wed.	30	10 ·85	27 ·82	8
30	Sat.	30	5 ·18	14 ·84	3												
31	Sun.	31	6 ·12	15 ·80	4												
	Aug.						**Oct.**						**Dec.**				
—32	Mon.	1	7 ·05	16 ·79	5	—30	Sat.	1	9 ·19	22 ·71	7	2	Thur.	1	11 ·91	1 ·90	9
1	Tues.	2	8 ·02	17 ·80	6	1	Sun.	2	10 ·27	23 ·81	8	3	Fri.	2	12 ·94	2 ·95	10
			9 ·99			2	Mon.	3	11 ·37	24 ·91	9	4	Sat.	3	13 ·95	3 ·99	11
2	Wed.	3	... ...	18 ·81	7	3	Tues.	4	12 ·45	... ...	10	5	Sun.	4	14 ·94	... ...	12
3	Thur.	4	10 ·00	19 ·86	8	4	Wed.	5	13 ·52	25 ·02	11	6	Mon.	5	P ·92	4 ·01	13
4	Fri.	5	11 ·01	20 ·92	9	5	Thur.	6	14 ·60	26 ·13	12	7	Tues.	6	1 ·87	5 ·01	14
5	Sat.	6	12 ·05	... ...	10	6	Fri.	7	P ·65	27 ·21	13					6 ·98	
6	Sun.	7	13 ·12	21 ·00	11	7	Sat.	8	1 ·68	1 ·28	14	8	Wed.	7	2 ·81	7 ·90	15
7	Mon.	8	14 ·19	22 ·10	12	8	Sun.	9	2 ·71	2 ·33	15	9	Thur.	8	3 ·73	8 ·90	16
8	Tues.	9	P ·28	23 ·21	13	9	Mon.	10	3 ·69	3 ·35	16	10	Fri.	9	4 ·64	9 ·84	17
9	Wed.	10	1 ·36	24 ·32	14	10	Tues.	11	4 ·68	4 ·37	17	11	Sat.	10	5 ·54	10 ·78	18
10	Thur.	11	2 ·44	25 ·42	15	11	Wed.	12	5 ·63	5 ·35	18	12	Sun.	11	6 ·45	11 ·71	19
11	Fri.	12	3 ·51	26 ·51	16	12	Thur.	13	6 ·56	6 ·32	19	13	Mon.	12	7 ·35	12 ·64	20
12	Sat.	13	4 ·55	27 ·60	17	13	Fri.	14	7 ·49	7 ·28	20	14	Tues.	13	8 ·25	13 ·58	21
13	Sun.	14	5 ·58	1 ·66	18	14	Sat.	15	8 ·40	8 ·23	21	15	Wed.	14	9 ·17	14 ·52	22
14	Mon.	15	6 ·60	2 ·70	19	15	Sun.	16	9 ·30	9 ·17	22	16	Thur.	15	10 ·10	15 ·47	23
15	Tues.	16	7 ·59	3 ·71	20	16	Mon.	17	10 ·20	10 ·10	23				11 ·04		
16	Wed.	17	8 ·56	4 ·71	21	17	Tues.	18	11 ·11	11 ·03	24	17	Fri.	16	12 ·98	16 ·43	24
17	Thur.	18	9 ·52	5 ·70	22					12 ·96		18	Sat.	17	13 ·95	17 ·42	25
18	Fri.	19	10 ·44	6 ·66	23	18	Wed.	19	12 ·01	13 ·89	25	19	Sun.	18	14 ·93	18 ·42	26
19	Sat.	20	11 ·36	7 ·61	24				13 ·92			20	Mon.	19	A ·94	19 ·44	27
20	Sun.	21	12 ·28	8 ·55	25	19	Thur.	20	14 ·84	14 ·85	26	21	Tues.	20	1 ·97	20 ·47	28
21	Mon.	22	13 ·18	9 ·48	26	20	Fri.	21	A ·77	15 ·80	27	22	Wed.	21	... ...	21 ·53	—29
22	Tues●	23	14 ·08	10 ·41	27	21	Sat.	22	1 ·71	16 ·77	28	23	Thur.	22	2 ·02	22 ·62	1
			A ·98			22	Sun.	23	2 ·67	17 ·76	—29	24	Fri.	23	3 ·09	23 ·71	2
23	Wed.	24	1 ·88	11 ·35	28	23	Mon.	24	3 ·67	18 ·77	1	25	Sat.	24	4 ·17	24 ·82	3
24	Thur.	25	2 ·79	12 ·28	—29	24	Tues.	25	4 ·67	19 ·81	2	26	Sun.	25	5 ·26	25 ·92	4
25	Fri.	26	3 ·71	13 ·22	1	25	Wed.	26	5 ·69	20 ·85	3	27	Mon.	26	6 ·34	... ...	5
26	Sat.	27	4 ·63	14 ·17	2	26	Thur.	27	6 ·73	21 ·92	4	28	Tues.	27	7 ·43	26 ·03	6
27	Sun.	28	5 ·57	15 ·13	3	27	Fri.	28	7 ·79	... ...	5	29	Wed.	28	8 ·50	27 ·12	7
28	Mon.	29	6 ·53	16 ·12	4	28	Sat.	29	8 ·88	22 ·01	6	—30	Thur.	29	9 ·55	1 ·21	8
29	Tues.	30	7 ·51	17 ·12	5	29	Sun.	30	9 ·97	23 ·11	7	1	Fri.	30	10 ·58	2 ·27	9
30	Wed.	31	8 ·52	18 ·13	6	—30	Mon.	31	... ...	24 ·22	8	2	Sat.	31	11 ·60	3 ·31	10

Virōdhin. **Karkataka—Ādi.** *Sukla.* **Āshādha.** *Bahula.* *H.* 1121 *Jamāda'l awwal.*

Virōdhin. **Kanyā—Purattāsi.** *Bahula.* *H.* 1121 *Rajab.*

Virōdhin. **Vṛśchika—Kārttigai.** *Bahula.* *H.* 1121 *Ramazān.*

Virōdhin. **Siṁha—Āvani.** *Sukla.* **Śrāvaṇa.** *Bahula.* *H.* 1121 *Jamādu'l ākhir.*

Virōdhin. **Tulā—Aippasi.** *Sukla.* **Āśvina.** *Bahula.* *H.* 1121 *Sha'bān.*

Virōdhin. **Dhanus—Mārgaḷi.** *Bahula.* *H.* 1121 *Shawwāl.*

Sukla. **Kārttika.** *Sukla.* **Mārgaśīrsha.** *Sukla.* **Pausha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1710. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·46.** **Śaka 1632.** **Kaliyuga 4811.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·37.** **(S. Cycle) Vikṛita.**

SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.				SOLAR reckoning.			LUNAR reckoning.			
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.		Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.		Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	
	Jan.							**March.**							**May.**					
Virodhin. **Makara—Tai.** 3	Sun.	1	12 ·59	4 ·33	11		3	Wed.	1	*Phālguna.* 12 ·61	9 ·86	11		3	Mon.	1	14 ·11	15 ·15	18	
4	Mon.	2	18 ·56	5 ·33	12		4	Thur.	2	13 ·51	10 ·80	12					P ·03			
5	Tues.	3	14 ·52	6 ·32	13		5	Fri.	3	14 ·42	11 ·73	13		4	Tues.	2	1 ·96	16 ·10	14	
6	Wed.	4	P ·45	7 ·29	14		6	Sat.	4	P ·31	12 ·66	14		5	Wed.	3	2 ·92	17 ·06	15	
7	Thur.	5	1 ·37	8 ·24	15		7	Sun.	5	1 ·22	13 ·59	15		6	Thur.	4	3 ·89	18 ·04	16	
8	Fri.	6	2 ·28	9 ·18	16		8	Mon.	6	2 ·12	14 ·53	16		7	Fri.	5	4 ·87	19 ·04	17	
9	Sat.	7	3 ·19	10 ·11	17		9	Tues.	7	3 ·02	15 ·48	17		8	Sat.	6	5 ·86	20 ·05	18	
10	Sun.	8	4 ·09 / 5 ·99	11 ·05 / 12 ·98	18		10	Wed.	8	4 ·95 / 5 ·88	16 ·43	18		9	Sun.	7	6 ·90	21 ·09	19	
11	Mon.	9	6 ·90	13 ·91	19		11	Thur.	9	6 ·84	17 ·40	19		10	Mon.	8	7 ·95	22 ·14	20	
12	Tues.	10	7 ·82	14 ·85	20		12	Fri.	10	7 ·81	18 ·38	20		11	Tues.	9	... ...	23 ·22	21	
13	Wed.	11	8 ·73	15 ·80	21		13	Sat.	11	8 ·80	19 ·39	21		12	Wed.	10	8 ·02	24 ·32	22	
14	Thur.	12	9 ·67	16 ·77	22		14	Sun.	12	9 ·80	20 ·42	22		13	Thur.	11	9 ·09	25 ·42	23	
15	Fri.	13	10 ·62	17 ·75	23		15	Mon.	13	10 ·83	21 ·47	23		14	Fri.	12	10 ·17	26 ·53	24	
16	Sat.	14	11 ·59	18 ·74	24		16	Tues.	14	11 ·89	22 ·53	24		15	Sat.	13	11 ·25	27 ·63	25	
17	Sun.	15	12 ·57	19 ·75	25		17	Wed.	15	12 ·95	23 ·61	25		16	Sun.	14	12 ·33	1 ·74	26	
18	Mon.	16	13 ·59	20 ·80	26		18	Thur.	16	... ...	24 ·72	26		17	Mon.	15	13 ·40	2 ·82	27	
19	Tues.	17	14 ·62	21 ·85	27		19	Fri.	17	13 ·03	25 ·83	27		18	Tues.	16	14 ·44	3 ·89	28	
20	Wed.	18	—A ·68	22 ·92	28		20	Sat.	18	14 ·12	26 ·93	28		19	Wed.	17	—A ·46	4 ·93	29	
21	Thur.	19	1 ·74	... ...	29		21	Sun.	19	—A ·21	... ...	29		20	Thur.	18	1 ·47	5 ·95	—30	
22	Fri.	20	2 ·82	23 ·01	—30		22	Mon.	20	1 ·29	27 ·03	—30		21	Fri.	19	2 ·46	6 ·95	1	
23	Sat.	21	3 ·91	24 ·11	1		23	Tues.	21	2 ·35	1 ·12	1		22	Sat.	20	3 ·42	7 ·95	2	
24	Sun.	22	4 ·99	25 ·22	2		24	Wed.	22	3 ·40	2 ·20	2		23	Sun.	21	4 ·36	8 ·92	3	
25	Mon.	23	... ..	26 ·33	3		25	Thur.	23	4 ·42	3 ·26	3		24	Mon.	22	5 ·29	9 ·87	4	
26	Tues.	24	5 ·08	27 ·43	4		26	Fri.	24	5 ·43	4 ·30	4		25	Tues.	23	6 ·20	10 ·81	5	
27	Wed.	25	6 ·15	1 ·51	5		27	Sat.	25	6 ·41	5 ·31	5		26	Wed.	24	7 ·11	11 ·75	6	
28	Thur.	26	7 ·20	2 ·58	6		28	Sun.	26	7 ·38	6 ·30	6		27	Thur.	25	8 ·01 / 9 ·91	12 ·69	7	
—29	Fri.	27	8 ·22	3 ·63	7		29	Mon.	27	8 ·32	7 ·28	7		28	Fri.	26	10 ·80	13 ·62	8	
1	Sat.	28	9 ·23	4 ·65	8		—30	Tues.	28	9 ·26	8 ·25	8		29	Sat.	27	11 ·71	14 ·55	9	
2	Sun.	29	10 ·23	5 ·67	9		1	Wed.	29	10 ·18	9 ·20	9		30	Sun.	28	12 ·62	15 ·48	10	
3	Mon.	30	11 ·20	6 ·65	10		2	Thur.	30	11 ·08 / 12 ·98	10 ·14	10		31	Mon.	29	13 ·54	16 ·43	11	
4	Tues.	31	12 ·14	7 ·62	11		3	Fri.	31	13 ·87	11 ·07	11		—32	Tues.	30	14 ·46	17 ·40	12	
														1	Wed.	31	P ·41	18 ·37	13	
	Feb.							**April.**							**June.**					
Virodhin. **Kumbha—Māsi.** 5	Wed.	1	13 ·07	8 ·57	12		4	Sat.	1	*Chaitra.* 14 ·78	12 ·00 / 13 ·93	12		2	Thur.	1	1 ·38	19 ·36	14	
6	Thur.	○2	14 ·00 / P ·91	9 ·52	13		5	Sun.	2	P ·68	14 ·86	13		3	Fri.	2	2 ·35	20 ·37	15	
7	Fri.	3	1 ·81	10 ·46	14		6	Mon.	3	1 ·59	15 ·81	14		4	Sat.	3	3 ·36	21 ·40	16	
8	Sat.	4	2 ·72	11 ·39	15		7	Tues.	4	2 ·51	16 ·76	15		5	Sun.	4	4 ·39	22 ·46	17	
9	Sun.	5	3 ·62	12 ·32	16		8	Wed.	5	3 ·43	17 ·73	16		6	Mon.	5	5 ·43	23 ·53	18	
10	Mon.	6	4 ·53	13 ·25	17		9	Thur.	6	4 ·40	18 ·71	17		7	Tues.	6	6 ·49	24 ·62	19	
11	Tues.	7	5 ·44	14 ·19	18		10	Fri.	7	5 ·36	19 ·72	18		8	Wed.	7	7 ·56	25 ·72	20	
12	Wed.	8	6 ·36	15 ·14	19		11	Sat.	8	6 ·35	20 ·74	19		9	Thur.	8	8 ·65	26 ·83	21	
13	Thur.	9	7 ·29	16 ·10	20		12	Sun.	9	7 ·35	21 ·78	20		10	Fri.	9	9 ·73	27 ·94	22	
14	Fri.	10	8 ·25	17 ·07	21		13	Mon.	10	8 ·39	22 ·84	21		11	Sat.	10	10 ·81	.. ..	23	
15	Sat.	11	9 ·21	18 ·06	22		14	Tues.	11	9 ·44	23 ·92	22		12	Sun.	11	11 ·87	1 ·04	24	
16	Sun.	12	10 ·20	19 ·07	23		15	Wed.	12	10 ·50	... ...	23		13	Mon.	12	12 ·92	2 ·13	25	
17	Mon.	13	11 ·21	20 ·10	24		16	Thur.	13	11 ·58	24 ·02	24		14	Tues.	13	13 ·94	3 ·19	26	
18	Tues.	14	12 ·24	21 ·16	25		17	Fri.	14	12 ·66	25 ·13	25		15	Wed.	14	14 ·95	4 ·24	27	
19	Wed.	15	13 ·30	22 ·23	26		18	Sat.	15	13 ·75	26 ·23	26		16	Thur.	15	—A ·93	5 ·27	28	
20	Thur.	16	14 ·36	23 ·31	27		19	Sun.	16	14 ·82	27 ·33	27		17	Fri.	16	1 ·90	6 ·29	—29	
21	Fri.	17	—A ·44	24 ·41	28		20	Mon.	17	—A ·89	1 ·43	28		18	Sat.	17	2 ·85	7 ·28	1	
22	Sat.	18	1 ·54	25 ·52	29		21	Tues.	18	1 ·94	2 ·52	29		19	Sun.	18	3 ·77	8 ·25	2	
23	Sun.	19	2 ·62	26 ·63	1		22	Wed.	19	2 ·97	3 ·57	1		20	Mon.	19	4 ·69	9 ·20	3	
24	Mon.	20	3 ·70	27 ·73	2		23	Thur.	20	3 ·96	4 ·61	2		21	Tues.	20	5 ·60	10 ·15	4	
25	Tues.	21	4 ·76	1 ·82	3		24	Fri.	21	4 ·94	5 ·63	3		22	Wed.	21	6 ·50	11 ·09	5	
26	Wed.	22	5 ·82	2 ·89	4		25	Sat.	22	5 ·92	6 ·63	4		23	Thur.	22	7 ·39	12 ·02 / 13 ·95	6	
27	Thur.	23	6 ·84	3 ·94	5		26	Sun.	23	6 ·86	7 ·62	5		24	Fri.	23	8 ·29	14 ·88	7	
28	Fri.	24	7 ·85	4 ·98	6		27	Mon.	24	7 ·79	8 ·58	6		25	Sat.	24	9 ·20	15 ·82	8	
29	Sat.	25	8 ·84	5 ·99	7		28	Tues.	25	8 ·71	9 ·63	7		26	Sun.	25	10 ·10	16 ·76	9	
—30	Sun.	26	9 ·80	6 ·98	8		29	Wed.	26	9 ·61	10 ·47	8		27	Mon.	26	11 ·02 / 12 ·94	17 ·75	10	
1	Mon.	27	10 ·75	7 ·95	9		30	Thur.	27	10 ·51	11 ·41	9								
2	Tues.	28	11 ·68	8 ·93	10		—31	Fri.	28	11 ·41	12 ·34	10		28	Tues.	27	13 ·83	18 ·70	11	
							1	Sat.	29	12 ·31	13 ·28	11		29	Wed.	28	14 ·86	19 ·68	12	
							2	Sun.	30	13 ·21	14 ·21	12		30	Thur.	29	P ·84	20 ·69	13	
														—31	Fri.	30	1 ·83	21 ·72	14	

Sukla. *Bahula.* *Vikrita.* *Virodhin.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.* *Jyeshtha.* *Āsh.* *H.* 1121 *Zi-l-hijja.* *H.* 1122 *Muharram.* *Safar.* *Rabī-ul awwal.* *Rabī-ul ākhir.* *Jumādā l awwal*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10 Magh 11. P. Phal 12. U. Phal. 13. Hast. 14. Chit. 15. Swāt. 16. Vish. 17. Anu. 18. Jyes. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1710. **Kollam 886,** { **N. Malabar—Sep.** **Hijra 1122.** **Vikrama 1767.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 19.** **Bengal San. 1116.**
P—Paurnimā. **(N. Cycle) Śārvari.**

SOLAR reckoning			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			Bahula.			*Vikṛita.*			*Bahula.*		*H.* 1122 *Rajab.*	*Vikṛita.*			*Bahula.*		*H.* 1122 *Shawwāl.*
Karkaṭaka—Ādi.			**Āshāḍha.**		*H.* 1122 *Jamāda'l awwal.*	**Kanyā—Puraṭṭāśi.**						**Vṛiśchika—Kārttigai.**					
1	Sat.	1	2 ·86	22 ·77	15	—31	Fri.	1	4 ·27	... ...	18	1	Wed.	1	6 ·57	8 ·90	20
2	Sun.	2	3 ·91	23 ·84	16	1	Sat.	2	5 ·35	2 ·04	19	2	Thur.	2	7 ·53	9 ·87	21
3	Mon.	3	4 ·97	24 ·92	17	2	Sun.	3	6 ·40	3 ·13	20	3	Fri.	3	8 ·46	10 ·83	22
4	Tues.	4	... ...	... ...	18	3	Mon.	4	7 ·42	4 ·19	21	4	Sat.	4	9 ·38	11 ·78	23
5	Wed.	5	5 ·04	25 ·02	19	4	Tues.	5	8 ·45	5 ·23	22	5	Sun.	5	10 ·29	12 ·73	24
6	Thur.	6	6 ·13	26 ·12	20	5	Wed.	6	9 ·43	6 ·25	23	6	Mon.	6	11 ·20	13 ·66	25
7	Fri.	7	7 ·21	27 ·24	21	6	Thur.	7	10 ·41	7 ·25	24	7	Tues.	7	12 ·10	14 ·59	26
8	Sat.	8	8 ·29	1 ·34	22	7	Fri.	8	11 ·36	8 ·25	25	8	Wed.	8	13 ·00 / 14 ·90	15 ·52	27
9	Sun.	9	9 ·35	2 ·43	23	8	Sat.	9	12 ·30	9 ·21	26	9	Thur.	9	—A ·82	16 ·45	28
10	Mon.	10	10 ·40	3 ·50	24	9	Sun.	10	13 ·21	10 ·16	27	10	Fri.	10	1 ·74	17 ·40	29
11	Tues.	11	11 ·42	4 ·56	25	10	Mon.	11	14 ·12	11 ·11	28	11	Sat.	11	2 ·66	18 ·35	—30
12	Wed.	12	12 ·44	5 ·60	26							12	Sun.	12	3 ·61	19 ·32	1
13	Thur.	13	13 ·41	6 ·61	27	11	Tues.	12	A ·02 / 1 ·92	12 ·04 / 13 ·97	29	13	Mon.	13	4 ·59	20 ·31	2
14	Fri.	14	14 ·38	7 ·60	28							14	Tues.	14	5 ·57	21 ·31	3
15	Sat.	15	—A ·33	8 ·58	29	12	Wed.	13	2 ·83	14 ·91	—30	15	Wed.	15	6 ·58	22 ·34	4
16	Sun.	16	1 ·25	9 ·54	—30	13	Thur.	14	3 ·72	15 ·84	1	16	Thur.	16	7 ·60	23 ·38	5
17	Mon.	17	2 ·18	10 ·49	1	14	Fri.	15	4 ·63	16 ·78	2	17	Fri.	17	8 ·66	24 ·45	6
18	Tues.	18	3 ·09	11 ·43	2	15	Sat.	16	5 ·55	17 ·72	3	18	Sat.	18	9 ·72	25 ·53	7
						16	Sun.	17	6 ·48	18 ·68	4						
19	Wed.	19	4 ·00 / 5 ·89	12 ·36	3	17	Mon.	18	7 ·43	19 ·67	5	19	Sun.	19	10 ·80	26 ·62	8
						18	Tues.	19	8 ·38	20 ·66	6						
20	Thur.	20	6 ·78	13 ·29	4	19	Wed.	20	9 ·37	21 ·67	7	20	Mon.	20	11 ·89	27 ·74	9
21	Fri.	21	7 ·69	14 ·22	5	20	Thur.	21	10 ·36	22 ·70	8	21	Tues.	21	12 ·98	1 ·85	10
22	Sat.	22	8 ·59	15 ·17	6	21	Fri.	22	11 ·40	23 ·76	9	22	Wed.	22	... ...	2 ·95	11
23	Sun.	23	9 ·51	16 ·11	7	22	Sat.	23	12 ·44	24 ·84	10	23	Thur.	23	13 ·06	... ...	12
24	Mon.	24	10 ·43	17 ·06	8	23	Sun.	24	13 ·50	25 ·93	11	24	Fri.	24	14 ·13	3 ·04	13
25	Tues.	25	11 ·38	18 ·02	9	24	Mon.	25	14 ·58	... ...	12	25	Sat.	25	P ·19	4 ·18	14
26	Wed.	26	12 ·33	19 ·01	10	25	Tues.	26	P ·67	26 ·03	13	26	Sun.	26	1 ·23	5 ·18	15
27	Thur.	27	13 ·32	20 ·01	11	26	Wed.	27	1 ·75	27 ·13	14	27	Mon.	27	2 ·23	6 ·22	16
28	Fri.	28	14 ·32	21 ·04	12	27	Thur.	28	2 ·82	1 ·24	15	28	Tues.	28	3 ·22	7 ·23	17
29	Sat. ○	29	P ·34	22 ·08	13	28	Fri.	29	3 ·90	2 ·35	16	29	Wed.	29	4 ·19	8 ·23	18
30	Sun.	30	1 ·38	23 ·14	14	29	Sat.	30	4 ·96	3 ·43	17	—30	Thur.	30	5 ·15	9 ·20	19
31	Mon.	31	2 ·44	24 ·22	15												
	Aug.						**Oct.**						**Dec.**				
			Śukla.						*Śukla.*						*Śukla.*		
Siṁha—Āvani.			**Śrāvaṇa.**			**Tulā—Aippaśi.**			**Āśvina.**			**Dhanus—Mārgaḷi.**			**Pausha.**		
—32	Tues.	1	3 ·52	25 ·32	16	—30	Sun.	1	... ...	4 ·50	18	1	Fri.	1	6 ·08	10 ·17	20
1	Wed.	2	4 ·61	26 ·43	17	1	Mon.	2	5 ·00	5 ·55	19	2	Sat.	2	7 ·00 / 8 ·92	11 ·12	21
2	Thur.	3	5 ·70	27 ·54	18	2	Tues.	3	6 ·01	6 ·57	20	3	Sun.	3	9 ·83	12 ·06	22
3	Fri.	4	6 ·76	1 ·64	19	3	Wed.	4	7 ·00 / 8 ·97	7 ·59	21	4	Mon.	4	10 ·73	13 ·00 / 14 ·92	23
4	Sat.	5	7 ·82	2 ·73	20												
5	Sun.	6	8 ·88	3 ·81	21	4	Thur.	5	9 ·92	8 ·57	22	5	Tues.	5	11 ·63	15 ·85	24
6	Mon.	7	9 ·92	4 ·88	22	5	Fri.	6	10 ·86	9 ·55	23	6	Wed.	6	12 ·53	16 ·80	25
7	Tues.	8	10 ·93	5 ·92	23	6	Sat.	7	11 ·78	10 ·50	24	7	Thur.	7	13 ·44	17 ·74	26
8	Wed.	9	11 ·90	6 ·93	24	7	Sun.	8	12 ·69	11 ·44	25	8	Fri.	8	14 ·37	18 ·69	27
9	Thur.	10	12 ·87	7 ·93	25	8	Mon.	9	13 ·59	12 ·38	26	9	Sat.	9	—A ·30	19 ·65	28
10	Fri.	11	13 ·83	8 ·91	26	9	Tues.	10	14 ·49	13 ·32	27	10	Sun.	10	1 ·26	20 ·64	—29
11	Sat.	12	14 ·76	9 ·88	27	10	Wed.	11	—A ·39	14 ·25	28	11	Mon.	11	2 ·22	21 ·64	1
12	Sun.	13	—A ·68	10 ·83	28	11	Thur.	12	1 ·30	15 ·18	—29	12	Tues.	12	3 ·21	22 ·66	2
13	Mon.	14	1 ·58	11 ·77	—29	12	Fri.	13	2 ·21	16 ·11	1	13	Wed.	13	4 ·22	23 ·69	3
14	Tues.	15	2 ·49	12 ·70	1	13	Sat.	14	3 ·13	17 ·06	2	14	Thur.	14	5 ·25	24 ·75	4
15	Wed.	16	3 ·38	13 ·63	2					18 ·02 / 19 ·99							
16	Thur.	17	4 ·29	14 ·57	3	14	Sun.	15	4 ·06		3	15	Fri.	15	6 ·31	25 ·83	5
17	Fri.	18	5 ·19	15 ·50	4							16	Sat.	16	7 ·37	26 ·92	6
18	Sat.	19	6 ·10	16 ·44	5	15	Mon.	16	5 ·01 / 6 ·97	20 ·98	4	17	Sun.	17	8 ·46	... ...	7
						16	Tues.	17	7 ·95	21 ·99	5	18	Mon.	18	9 ·55	27 ·03	8
19	Sun.	20	7 ·01 / 8 ·93	17 ·39	6	17	Wed.	18	8 ·96	... ...	6	19	Tues.	19	10 ·64	1 ·14	9
20	Mon.	21	9 ·88	18 ·35	7	18	Thur.	19	9 ·99	22 ·02	7	20	Wed.	20	11 ·72	2 ·25	10
21	Tues.	22	10 ·84	19 ·33	8	19	Fri.	20	... ...	23 ·07	8	21	Thur.	21	12 ·79	3 ·34	11
22	Wed.	23	11 ·83	20 ·34	9	20	Sat.	21	10 ·03	24 ·14	9	22	Fri.	22	13 ·84	4 ·42	12
23	Thur.	24	12 ·83	21 ·36	10	21	Sun.	22	11 ·10	25 ·23	10	23	Sat.	23	14 ·87	5 ·49	13
24	Fri.	25	13 ·86	22 ·39	11	22	Mon.	23	12 ·18	26 ·33	11	24	Sun.	24	P ·88	6 ·53	14
25	Sat.	26	14 ·90	23 ·45	12	23	Tues.	24	13 ·26	27 ·43	12	25	Mon.	25	1 ·87	7 ·55	15
26	Sun.	27	P ·95	24 ·53	13	24	Wed.	25	14 ·35	1 ·53	13	26	Tues.	26	2 ·84	8 ·55	16
27	Mon.	28	... ...	25 ·63	14	25	Thur.	26	P ·44	2 ·65	14	27	Wed.	27	3 ·79	9 ·53	17
28	Tues.	29	1 ·03	26 ·73	15	26	Fri.	27	1 ·51	3 ·74	15	28	Thur.	28	4 ·73	10 ·49	18
29	Wed.	30	2 ·11	27 ·84	16	27	Sat.	28	2 ·56	4 ·81	16	—29	Fri.	29	5 ·65	11 ·46	19
30	Thur.	31	3 ·20	1 ·94	17	28	Sun.	29	3 ·60	5 ·86	17	1	Sat.	30	6 ·56	12 ·40	20
						29	Mon.	30	4 ·60	6 ·89	18	2	Sun.	31	7 ·47	13 ·33	21
						—30	Tues.	31	5 ·60	7 ·91	19						

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1711. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 29·71.** **Śaka 1633.** **Kaliyuga 4812.**
Lunar Eclipse. ○ (Arya Sid.) **March 29·62.** **(S. Cycle) Khara.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Vikrita. **Makara—Tai.** 3	Mon. 1	*Śukla.* 8 ·37	14 ·26	22	3	Thur. 1	*Śukla.* 8 ·24	19 ·65	22	*Khara.* **Vṛishabha—Vaigāśi.** 2	Tues. 1	*Bahula.* 10 ·22	25 ·37	24
4	Tues. 2	9 ·28	15 ·20	23	4	Fri. 2	9 ·19	20 ·62	23	3	Wed. 2	11 ·28	26 ·44	25
5	Wed. 3	10 ·18	16 ·13	24	5	Sat. 3	10 ·14	21 ·60	24	4	Thur. 3	12 ·34	27 ·54	26
6	Thur. 4	11 ·09	17 ·07	25	6	Sun. 4	11 ·11	22 ·61	25	5	Fri. 4	13 ·42	1 ·64	27
7	Fri. 5	12 ·01 / 13 ·94	18 ·02 / 19 ·98	26	7	Mon. 5	12 ·09	23 ·63	26	6	Sat. 5	14 ·50	2 ·75	28
8	Sat. 6	14 ·90	20 ·97	27	8	Tues. 6	13 ·10	24 ·68	27	7	Sun. 6	—**A** ·58	3 ·85	29
9	Sun. 7	—**A** ·87	21 ·96	28	9	Wed. 7	14 ·14	25 ·74	28	8	Mon. 7	1 ·66	4 ·95	—30
10	Mon. 8	1 ·86	22 ·97	29	10	Thur. 8	—**A** ·19	26 ·83	29	9	Tues. 8	2 ·72	... ...	1
11	Tues. 9	2 ·87	23 ·99	—30	11	Fri. 9	1 ·27	27 ·93	—30	10	Wed. 9	3 ·77	5 ·03	2
12	Wed. 10	3 ·91	... ...	1	*Vikrita.* **Mīna—Pāṅguni.** 12	Sat. 10	2 ·35	... ...	1	11	Thur. 10	4 ·79	6 ·11	3
13	Thur. 11	4 ·96	24 ·05	2	13	Sun. 11	3 ·44	1 ·04	2	12	Fri. 11	5 ·79	7 ·15	4
14	Fri. 12	... ...	25 ·13	3	14	Mon. 12	4 ·52	2 ·15	3	13	Sat. 12	6 ·77	8 ·17	5
15	Sat. 13	5 ·03	26 ·23	4	15	Tues. 13	5 ·60	3 ·25	4	14	Sun. 13	7 ·73	9 ·17	6
16	Sun. 14	6 ·11	27 ·34	5	16	Wed. 14	6 ·66	4 ·34	5	15	Mon. 14	8 ·68	10 ·16	7
17	Mon. 15	7 ·20	1 ·44	6	17	Thur. 15	7 ·70	5 ·42	6	16	Tues. 15	9 ·60	11 ·14	8
18	Tues. 16	8 ·29	2 ·55	7	18	Fri. 16	8 ·74	6 ·47	7	17	Wed. 16	10 ·52	12 ·00	9
19	Wed. 17	9 ·37	3 ·64	8	19	Sat. 17	9 ·73	7 ·52	8	18	Thur. 17	11 ·42	13 ·03 / 14 ·97	10
20	Thur. 18	10 ·44	4 ·73	9	20	Sun. 18	10 ·72	8 ·53	9	19	Fri. 18	12 ·33	15 ·89	11
21	Fri. 19	11 ·48	5 ·80	10	21	Mon. 19	11 ·67	9 ·52	10	20	Sat. 19	13 ·23	16 ·82	12
22	Sat. 20	12 ·51	6 ·85	11	22	Tues. 20	12 ·62	10 ·50	11	21	Sun. 20	14 ·12	17 ·77	13
23	Sun. 21	13 ·52	7 ·87	12	23	Wed. 21	13 ·55	11 ·46	12	22	Mon. 21	**P** ·02 / 1 ·93	18 ·70	14
24	Mon. 22	14 ·51	8 ·88	13	24	Thur. 22	14 ·47	12 ·41	13	23	Tues. 22	2 ·85	19 ·65	15
25	Tues. ○ 23	**P** ·48	9 ·87	14	25	Fri. 23	**P** ·38	13 ·36	14	24	Wed. 23	3 ·78	20 ·61	16
26	Wed. 24	1 ·43	10 ·84	15	26	Sat. 24	1 ·27	14 ·29	15	25	Thur. 24	4 ·74	21 ·59	17
27	Thur. 25	2 ·36	11 ·79	16	27	Sun. 25	2 ·18	15 ·22	16	26	Fri. 25	5 ·70	22 ·58	18
28	Fri. 26	3 ·28	12 ·74	17	28	Mon. 26	3 ·08 / 4 ·99	16 ·15	17	27	Sat. 26	6 ·68	23 ·59	19
—29	Sat. 27	4 ·19	13 ·67	18	29	Tues. 27	5 ·90	17 ·08	18	28	Sun. 27	7 ·69	24 ·62	20
1	Sun. 28	5 ·09 / 6 ·99	14 ·61	19	30	Wed. 28	6 ·81	18 ·03 / 19 ·98	19	29	Mon. 28	8 ·71	25 ·67	21
2	Mon. 29	7 ·90	15 ·54	20	—31	Thur. 29	7 ·75	20 ·95	20	30	Tues. 29	9 ·77	26 ·74	22
3	Tues. 30	8 ·80	16 ·47	21	1	Fri. 30	8 ·71	21 ·93	21	—31	Wed. 30	10 ·83	27 ·84	23
4	Wed. 31	9 ·72	17 ·41	22	2	Sat. 31	9 ·67	22 ·93	22	1	Thur. 31	11 ·91	1 ·94	24
	Feb.					**April.**					**June.**			
Vikrita. **Kumbha—Māśi.** 5	Thur. 1	*Bahula.* 10 ·63	18 ·35	23	3	Sun. 1	*Bahula.* 10 ·65	23 ·96	23	2	Fri. 1	*Śukla.* 12 ·99	... ...	25
6	Fri. 2	11 ·57	19 ·31	24	4	Mon. 2	11 ·66	... ...	24	3	Sat. 2	... ...	2 ·05	26
7	Sat. 3	12 ·54	20 ·29	25	5	Tues. 3	12 ·70	24 ·00	25	4	Sun. 3	13 ·07	3 ·15	27
8	Sun. 4	13 ·50	21 ·28	26	6	Wed. 4	13 ·75	25 ·06	26	5	Mon. 4	14 ·14	4 ·25	28
9	Mon. 5	14 ·49	22 ·29	27	7	Thur. 5	14 ·82	26 ·14	27	6	Tues. 5	—**A** ·21	5 ·34	—29
10	Tues. 6	—**A** ·49	23 ·32	28	8	Fri. 6	—**A** ·90	27 ·23	28	7	Wed. 6	1 ·24	6 ·41	1
11	Wed. 7	1 ·53	24 ·37	—29	9	Sat. 7	1 ·99	1 ·34	—29	8	Thur. 7	2 ·27	7 ·46	2
12	Thur. 8	2 ·59	25 ·45	1	10	Sun. 8	... ...	2 ·45	1	9	Fri. 8	3 ·28	8 ·49	3
13	Fri. 9	3 ·67	26 ·53	2	*Khara.* **Mēsha—Chittirai.** 11	Mon. 9	2 ·08	3 ·55	2	*Khara.* **Mithuna—Āni.** 10	Sat. 9	4 ·26	9 ·50	4
14	Sat. 10	4 ·74	27 ·63	3	12	Tues. 10	3 ·16	4 ·65	3	11	Sun. 10	5 ·22	10 ·50	5
15	Sun. 11	5 ·82	1 ·74	4	13	Wed. 11	4 ·22	5 ·73	4	12	Mon. 11	6 ·17	11 ·47	6
16	Mon. 12	6 ·91	2 ·85	5	14	Thur. 12	5 ·26	6 ·79	5	13	Tues. 12	7 ·10	12 ·42	7
17	Tues. 13	... ...	3 ·96	6	15	Fri. 13	6 ·27	7 ·83	6	14	Wed. 13	8 ·01 / 9 ·91	13 ·87	8
18	Wed. 14	7 ·00	... ...	7	16	Sat. 14	7 ·27	8 ·85	7	15	Thur. 14	10 ·82	14 ·80	9
19	Thur. 15	8 ·07	4 ·04	8	17	Sun. 15	8 ·26	9 ·85	8	16	Fri. 15	11 ·71	15 ·24	10
20	Fri. 16	9 ·11	5 ·11	9	18	Mon. 16	9 ·22	10 ·83	9	17	Sat. 16	12 ·61	16 ·17	11
21	Sat. 17	10 ·14	6 ·16	10	19	Tues. 17	10 ·17	11 ·79	10	18	Sun. 17	13 ·51	17 ·10	12
22	Sun. 18	11 ·14	7 ·19	11	20	Wed. 18	11 ·10	12 ·76	11	19	Mon. 18	14 ·42	18 ·04 / 19 ·98	13
23	Mon. 19	12 ·12	8 ·21	12	21	Thur. 19	12 ·02 / 13 ·92	13 ·70	12	20	Tues. 19	**P** ·33	20 ·95	14
24	Tues. 20	13 ·10	9 ·20	13	22	Fri. 20	14 ·81	14 ·68	13	21	Wed. 20	1 ·26	21 ·92	15
25	Wed. 21	14 ·04 / **P** ·98	10 ·17	14	23	Sat. 21	**P** ·72	15 ·56	14	22	Thur. 21	2 ·21	22 ·90	16
26	Thur. 22	1 ·90	11 ·13	15	24	Sun. 22	1 ·61	16 ·49	15	23	Fri. 22	3 ·17	23 ·91	17
27	Fri. 23	2 ·81	12 ·07	16	25	Mon. 23	2 ·52	17 ·43	16	24	Sat. 23	4 ·16	24 ·93	18
28	Sat. 24	3 ·71	13 ·01 / 14 ·95	17	26	Tues. 24	3 ·43	18 ·37	17	25	Sun. 24	5 ·17	25 ·98	19
29	Sun. 25	4 ·61	15 ·87	18	27	Wed. 25	4 ·35	19 ·32	18	26	Mon. 25	6 ·19	... ...	20
—30	Mon. 26	5 ·51	16 ·81	19	28	Thur. 26	5 ·27	20 ·28	19	27	Tues. 26	7 ·24	26 ·06	21
1	Tues. 27	6 ·41	17 ·74	20	29	Fri. 27	6 ·24	21 ·25	20	28	Wed. 27	8 ·31	27 ·14	22
2	Wed. 28	7 ·33	18 ·69	21	30	Sat. 28	7 ·20	22 ·26	21	29	Thur. 28	9 ·38	1 ·24	23
					—31	Sun. 29	8 ·18	23 ·27	22	30	Fri. 29	10 ·46	2 ·35	24
					1	Mon. 30	9 ·20	24 ·31	23	31	Sat. 30	11 ·55	3 ·45	25

Bahula. *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

H. 1122 *Ẓi-l-hijja.* *H.* 1123 *Muharram.* *H.* 1123 *Ṣafar.* *H.* 1123 *Rabī-ul awwal.* *H.* 1123 *Rabī-ul ākhir.* *H.* 1123 *Jamāda'l awwal.*

Nakshatra:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1711. **Kollam 887,** Commences **{N. Malabar--Sep. / S. Malabar—Aug.** **Hijra 1123.** Commences **Feb. 8.** **Vikrama 1768.** **Bengal San. 1117.** **(N. Cycle) Plava.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
—32	Sun.	1	12 ·62	4 ·56	26	—31	Sat.	1	—**A** ·67	11 ·46	29	1	Thur.	1	2 ·29	18 ·78	1
1	Mon.	2	13 ·68	5 ·65	27	1	Sun.	2	1 ·59	12 ·42	—30	2	Fri.	2	3 ·19	19 ·67	2
2	Tues.	3	14 ·72	6 ·72	28	2	Mon.	3	2 ·52	13 ·38	1	3	Sat.	3	4 ·10	20 ·61	3
3	Wed.	4	—**A** ·76	7 ·78	29	3	Tues.	4	3 ·42	14 ·32	2	4	Sun.	4	5 ·02	21 ·57	4
4	Thur.	5	1 ·75	8 ·81	—30	4	Wed.	5	4 ·32	15 ·26	3				6 ·96		
5	Fri.	6	2 ·73	9 ·83	1	5	Thur.	6	5 ·23	16 ·19	4	5	Mon.	5	7 ·90	22 ·54	5
6	Sat.	7	3 ·70	10 ·82	2	6	Fri.	7	6 ·12	17 ·12	5	6	Tues.	6	8 ·87	23 ·53	6
7	Sun.	8	4 ·64	11 ·80	3	7	Sat.	8	7 ·03	18 ·06	6	7	Wed.	7	9 ·86	24 ·53	7
8	Mon.	9	5 ·57	12 ·76	4				8 ·93	19 ·99		8	Thur.	8	10 ·88	25 ·55	8
9	Tues.	10	6 ·49	13 ·70	5	8	Sun.	9	9 ·85	20 ·94	7	9	Fri.	9	11 ·90	26 ·59	9
10	Wed.	11	7 ·40	14 ·65	6	9	Mon.	10	10 ·78	21 ·90	8	10	Sat.	10	12 ·95	27 ·67	10
11	Thur.	12	8 ·30	15 ·58	7	10	Tues.	11	11 ·72	22 ·88	9	11	Sun.	11	... ...	1 ·75	11
12	Fri.	13	9 ·20	16 ·51	8	11	Wed.	12	12 ·69	23 ·88	10	12	Mon.	12	13 ·01	2 ·85	12
13	Sat.	14	10 ·09	17 ·44	9	12	Thur.	13	13 ·67	24 ·89	11	13	Tues.	13	14 ·10	3 ·95	13
			11 ·99			13	Fri.	14	14 ·69	25 ·92	12	14	Wed.	14	**P** ·19	... ...	14
14	Sun.	15	12 ·90	18 ·38	10	14	Sat.	15	**P** ·70	26 ·98	13	15	Thur.	15	1 ·28	4 ·06	15
15	Mon.	16	13 ·81	19 ·32	11	15	Sun.	16	1 ·76	... ...	14	16	Fri.	16	2 ·35	5 ·17	16
16	Tues.	17	14 ·75	20 ·28	12	16	Mon.	17	2 ·82	27 ·05	15	17	Sat.	17	3 ·43	6 ·26	17
17	Wed. ○	18	**P** ·69	21 ·24	13	17	Tues.	18	3 ·90	1 ·15	16	18	Sun.	18	4 ·49	7 ·34	18
18	Thur.	19	1 ·66	22 ·23	14	18	Wed.	19	4 ·98	2 ·25	17	19	Mon.	19	5 ·52	8 ·39	19
19	Fri.	20	2 ·64	23 ·23	15	19	Thur.	20	... ...	3 ·35	18	20	Tues.	20	6 ·52	9 ·43	20
20	Sat.	21	3 ·65	24 ·25	16	20	Fri.	21	5 ·06	4 ·46	19	21	Wed.	21	7 ·51	10 ·45	21
21	Sun.	22	4 ·66	25 ·30	17	21	Sat.	22	6 ·14	5 ·56	20	22	Thur.	22	8 ·48	11 ·45	22
22	Mon.	23	5 ·71	26 ·36	18	22	Sun.	23	7 ·21	6 ·64	21	23	Fri.	23	9 ·42	12 ·42	23
23	Tues.	24	6 ·78	27 ·44	19	23	Mon.	24	8 ·26	7 ·72	22	24	Sat.	24	10 ·36	13 ·38	24
24	Wed.	25	7 ·85	1 ·54	20	24	Tues.	25	9 ·29	8 ·77	23	25	Sun.	25	11 ·29	14 ·33	25
25	Thur.	26	8 ·94	2 ·64	21	25	Wed.	26	10 ·31	9 ·79	24	26	Mon.	26	12 ·21	15 ·28	26
26	Fri.	27	... ..	3 ·76	22	26	Thur.	27	11 ·29	10 ·80	25	27	Tues.	27	13 ·11	16 ·21	27
27	Sat.	28	9 ·02	4 ·86	23	27	Fri.	28	12 ·26	11 ·78	26	28	Wed.	28	14 ·00	17 ·14	28
28	Sun.	29	10 ·09	5 ·95	24	28	Sat.	29	13 ·21	12 ·76	27				**A** ·91		
29	Mon.	30	11 ·16	... ...	25	29	Sun.	30	14 ·14	13 ·73	28	29	Thur.	29	1 ·81	18 ·07	—29
30	Tues.	31	12 ·21	6 ·03	26							—30	Fri.	30	2 ·72	19 ·01	1
																20 ·96	
	Aug.						**Oct.**						**Dec.**				
—31	Wed.	1	13 ·24	7 ·09	27	30	Mon.	1	**A** ·08	14 ·66	—29	1	Sat.	1	3 ·64	21 ·91	2
1	Thur.	2	14 ·24	8 ·14	28				1 ·98			2	Sun.	2	4 ·59	22 ·87	3
2	Fri.	3	—**A** ·23	9 ·15	—29	—31	Tues.	2	2 ·89	15 ·60	1	3	Mon.	3	5 ·53	23 ·85	4
3	Sat.	4	1 ·19	10 ·17	1	1	Wed.	3	3 ·79	16 ·53	2	4	Tues.	4	6 ·50	24 ·85	5
4	Sun.	5	2 ·14	11 ·13	2	2	Thur.	4	4 ·68	17 ·47	3	5	Wed.	5	7 ·50	25 ·87	6
5	Mon.	6	3 ·07	12 ·09	3	3	Fri.	5	5 ·59	18 ·40	4	6	Thur.	6	8 ·51	26 ·91	7
			4 ·99			4	Sat.	6	6 ·49	19 ·33	5	7	Fri.	7	9 ·54	27 ·97	8
				13 ·05		5	Sun.	7	7 ·42	20 ·28	6	8	Sat.	8	10 ·60	... ...	9
6	Tues.	7	5 ·90	14 ·99	4	6	Mon.	8	8 ·35	21 ·23	7	9	Sun.	9	11 ·67	1 ·05	10
7	Wed.	8	6 ·80	15 ·92	5	7	Tues.	9	9 ·30	22 ·21	8	10	Mon.	10	12 ·75	2 ·15	11
8	Thur.	9	7 ·70	16 ·85	6	8	Wed.	10	10 ·26	23 ·20	9	11	Tues.	11	13 ·84	3 ·25	12
9	Fri.	10	8 ·59	17 ·78	7	9	Thur.	11	11 ·25	24 ·21	10	12	Wed.	12	14 ·93	4 ·06	13
10	Sat.	11	9 ·50	18 ·71	8	10	Fri.	12	12 ·28	25 ·24	11	13	Thur.	13	... ...	5 ·47	14
11	Sun.	12	10 ·40	19 ·66	9	11	Sat.	13	13 ·28	26 ·29	12	14	Fri.	14	**P** ·00	6 ·56	15
12	Mon.	13	11 ·32	20 ·60	10	12	Sun.	14	14 ·34	27 ·36	13	15	Sat.	15	1 ·07	7 ·64	16
13	Tues.	14	12 ·25	21 ·57	11	13	Mon.	15	**P** ·40	1 ·45	14	16	Sun.	16	2 ·13	8 ·70	17
14	Wed.	15	13 ·19	22 ·55	12	14	Tues.	16	1 ·48	2 ·55	15	17	Mon.	17	3 ·16	9 ·75	18
15	Thur.	16	14 ·16	23 ·55	13	15	Wed.	17	2 ·56	3 ·65	16	18	Tues.	18	4 ·16	10 ·77	19
16	Fri.	17	**P** ·14	24 ·57	14	16	Thur.	18	3 ·65	4 ·76	17	19	Wed.	19	5 ·16	11 ·77	20
17	Sat.	18	1 ·15	25 ·61	15	17	Fri.	19	4 ·73	5 ·86	18	20	Thur.	20	6 ·12	12 ·75	21
18	Sun.	19	2 ·17	26 ·67	16	18	Sat.	20	5 ·80	6 ·96	19	21	Fri.	21	7 ·06	13 ·72	22
19	Mon.	20	3 ·21	27 ·75	17	19	Sun.	21	6 ·86	... ...	20				8 ·00		
20	Tues.	21	4 ·28	1 ·84	18	20	Mon.	22	7 ·88	7 ·03	21	22	Sat.	22	9 ·92	14 ·68	23
21	Wed.	22	5 ·35	2 ·95	19	21	Tues.	23	8 ·90	8 ·08	22	23	Sun.	23	10 ·84	15 ·62	24
22	Thur.	23	6 ·44	... ...	20	22	Wed.	24	9 ·88	9 ·11	23	24	Mon.	24	11 ·74	16 ·55	25
23	Fri.	24	7 ·52	3 ·06	21	23	Thur.	25	10 ·85	10 ·12	24	25	Tues.	25	12 ·65	17 ·48	26
24	Sat.	25	8 ·60	4 ·16	22	24	Fri.	26	11 ·81	11 ·12	25	26	Wed.	26	13 ·55	18 ·41	27
25	Sun.	26	9 ·67	5 ·26	23	25	Sat.	27	12 ·74	12 ·09	26	27	Thur.	27	14 ·45	19 ·34	28
26	Mon.	27	10 ·72	6 ·34	24	26	Sun.	28	13 ·67	13 ·05	27	28	Fri. ●	28	—**A** ·37	20 ·29	29
27	Tues.	28	11 ·74	7 ·41	25	27	Mon.	29	14 ·57	14 ·00	28	—29	Sat.	29	1 ·29	21 ·24	—30
28	Wed.	29	12 ·75	8 ·45	26					15 ·93		1	Sun.	30	2 ·23	22 ·20	1
29	Thur.	30	13 ·74	9 ·47	27	28	Tues.	30	—**A** ·48	16 88	29	2	Mon.	31	3 ·18	23 ·18	2
30	Fri.	31	14 ·71	10 ·47	28	—29	Wed.	31	1 ·38	17 ·81	—30						

Khara. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Khara.* **Kanyā—Puraṭṭāśi.** *Śukla.* **Āśvina.** *Bahula.* **Aśvayuja Adhika Kārttika.** *Khara.* **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśīrsha.** *Khara.* **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgali.** *Khara.* **Dhanus—Mārgali.** *Śukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Khara.* **Makara—Tai.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *Khara.* **Kumbha—Māsi.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Khara.* **Mīna—Paṅguni.** *Śukla.* **Phālguna.** *Bahula.* **Chaitra.** *Khara.* **Mesha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Khara.* **Vṛishabha—Vaigāsi.** *Śukla.* **Vaiśākha.** *Bahula.* **Jyeshṭha.** *Khara.* **Mithuna—Āni.** *Śukla.* **Jyeshṭha.** *Bahula.* **Āshāḍha.** *Khara.* **Karkataka—Āḍi.**

Khara. **Simha—Āvani.** *Śukla.* **Bhādrapada.** *Bahula.* **Āśvina.** *Khara.* **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśīrsha.** *Khara.* **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgali.** *Khara.* **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *Khara.* **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Khara.* **Kumbha—Māsi.** *Śukla.* **Phālguna.** *Bahula.* **Chaitra.** *Khara.* **Mīna—Paṅguni.** *Śukla.* **Chaitra.** *Bahula.* **Vaiśākha.** *Khara.* **Mesha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* **Jyeshṭha.** *Khara.* **Vṛishabha—Vaigāsi.** *Śukla.* **Jyeshṭha.** *Bahula.* **Āshāḍha.** *Khara.* **Mithuna—Āni.** *Śukla.* **Āshāḍha.** *Bahula.* **Śrāvana.** *Khara.* **Karkataka—Āḍi.** *Śukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Khara.* **Simha—Āvani.**

H. 1123 *Jamada'l ākhir.* H. 1123 *Rajab.* H. 1123 *Sha'bān.* H. 1123 *Ramazān.* H. 1123 *Zi-l-ka'da.* H. 1123 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1712. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 28·97.** **Śaka 1634.** **Kaliyuga 4813.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·88.** **(S. Cycle) Nandana.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Khara. **Makara—Tai.**	**Jan.**			
3	Tues. 1	4 ·16	24 ·17	3
4	Wed. 2	5 ·14	25 ·19	4
5	Thur. 3	6 ·17	26 ·22	5
6	Fri. 4	7 ·19	27 ·28	6
7	Sat. 5	8 ·24	1 ·35	7
8	Sun. 6	9 ·31	2 ·44	8
9	Mon. 7	10 ·40	3 ·55	9
10	Tues. 8	11 ·50	4 ·66	10
11	Wed. 9	12 ·59	5 ·77	11
12	Thur. 10	13 ·67	6 ·86	12
13	Fri. 11	14 ·73	7 ·95	13
14	Sat. ○ 12	P ·77	... ...	14
15	Sun. 13	1 ·80	8 ·02	15
16	Mon. 14	2 ·81	9 ·07	16
17	Tues. 15	3 ·80	10 ·09	17
18	Wed. 16	4 ·76	11 ·10	18
19	Thur. 17	5 ·72	12 ·08	19
20	Fri. 18	6 ·64	13 ·06	20
21	Sat. 19	7 ·55	14 ·01 / 15 ·96	21
22	Sun. 20	8 ·47	16 ·89	22
23	Mon. 21	9 ·38	17 ·82	23
24	Tues. 22	10 ·28	18 ·75	24
25	Wed. 23	11 ·18	19 ·70	25
26	Thur. 24	12 ·08 / 13 ·99	20 ·63	26
27	Fri. 25	14 ·93	21 ·57	27
28	Sat. 26	—A ·87	22 ·53	28
29	Sun. 27	1 ·82	23 ·50	29
—30	Mon. 28	2 ·79	24 ·50	—30
1	Tues. 29	3 ·78	25 ·51	1
2	Wed. 30	4 ·80	26 ·54	2
3	Thur. 31	5 ·83	27 ·59	3
	Feb.			
4	Fri. 1	6 ·88	1 ·66	4
5	Sat. 2	7 ·95	2 ·76	5
6	Sun. 3	... ...	3 ·85	6
7	Mon. 4	8 ·04	4 ·96	7
8	Tues. 5	9 ·13	... ...	8
9	Wed. 6	10 ·21	5 ·07	9
10	Thur. 7	11 ·29	6 ·17	10
11	Fri. 8	12 ·36	7 ·25	11
12	Sat. 9	13 ·41	8 ·33	12
13	Sun. 10	14 ·43	9 ·38	13
14	Mon. 11	P ·44	10 ·41	14
15	Tues. 12	1 ·42	11 ·42	15
16	Wed. 13	2 ·38	12 ·41	16
17	Thur. 14	3 ·33	13 ·39	17
18	Fri. 15	4 ·26	14 ·35	18
19	Sat. 16	5 ·18	15 ·29	19
20	Sun. 17	6 ·09	16 ·23	20
21	Mon. 18	7 ·00 / 8 ·89	17 ·16	21
22	Tues. 19	9 ·80	18 ·10	22
23	Wed. 20	10 ·70	19 ·03 / 20 ·96	23
24	Thur. 21	11 ·61	21 ·91	24
25	Fri. 22	12 ·54	22 ·86	25
26	Sat. 23	13 ·47	23 ·84	26
27	Sun. 24	14 ·43	24 ·82	27
28	Mon. 25	—A ·40	25 ·83	28
29	Tues. 26	1 ·39	26 ·85	29
—30	Wed. 27	2 ·41	27 ·90	—30
1	Thur. 28	3 ·44	1 ·97	1
2	Fri. 29	4 ·50	... ...	2

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Khara. **Mīna—Pāṅguni.**	**March.**			
3	Sat. 1	5 ·57	2 ·06	3
4	Sun. 2	6 ·66	3 ·15	4
5	Mon. 3	7 ·74	4 ·26	5
6	Tues. 4	8 ·83	5 ·36	6
7	Wed. 5	9 ·91	6 ·47	7
8	Thur. 6	10 ·96	7 ·57	8
9	Fri. 7	... ...	8 ·64	9
10	Sat. 8	11 ·01	9 ·69	10
11	Sun. 9	12 ·02	10 ·73	11
12	Mon. 10	13 ·04	11 ·74	12
13	Tues. 11	14 ·02 / P ·98	12 ·74	13
14	Wed. 12	1 ·92	13 ·72	14
15	Thur. 13	2 ·85	14 ·68	15
16	Fri. 14	3 ·77	15 ·63	16
17	Sat. 15	4 ·68	16 ·57	17
18	Sun. 16	5 ·57	17 ·51	18
19	Mon. 17	6 ·47	18 ·44	19
20	Tues. 18	7 ·38	19 ·37	20
21	Wed. 19	8 ·28	20 ·30	21
22	Thur. 20	9 ·19	21 ·24	22
23	Fri. 21	10 ·12	22 ·20	23
24	Sat. 22	11 ·05	23 ·17	24
25	Sun. 23	12 ·01 / 13 ·98	24 ·15	25
26	Mon. 24	14 ·97	25 ·15	26
27	Tues. 25	—A ·99	26 ·17	27
28	Wed. 26	.. ..	27 ·21	28
29	Thur. 27	1 ·03	1 ·28	—29
—30	Fri. 28	2 ·07	2 ·36	1
1	Sat. 29	3 ·15	3 ·45	2
2	Sun. 30	4 ·23	4 ·56	3
3	Mon. 31	5 ·30	5 ·67	4
	April.			
4	Tues. 1	6 ·39	6 ·78	5
5	Wed. 2	7 ·47	7 ·87	6
6	Thur. 3	8 ·53	8 ·95	7
7	Fri. 4	9 ·57	... ...	8
8	Sat. 5	10 ·58	9 ·01	9
9	Sun. 6	11 ·59	10 ·05	10
10	Mon. 7	12 ·57	11 ·07	11
11	Tues. 8	13 ·54	12 ·07	12
12	Wed. 9	14 ·47	13 ·05	13
13	Thur. 10	P ·40	14 ·01 / 15 ·96	14
14	Fri. 11	1 ·32	16 ·91	15
15	Sat. 12	2 ·22	17 ·85	16
16	Sun. 13	3 ·12	18 ·78	17
17	Mon. 14	4 ·02 / 5 ·92	19 ·70	18
18	Tues. 15	6 ·82	20 ·64	19
19	Wed. 16	7 ·74	21 ·59	20
20	Thur. 17	8 ·66	22 ·53	21
21	Fri. 18	9 ·60	23 ·50	22
22	Sat. 19	10 ·54	24 ·47	23
23	Sun. 20	11 ·51	25 ·47	24
24	Mon. 21	12 ·50	26 ·48	25
25	Tues. 22	13 ·51	27 ·53	26
26	Wed. 23	14 ·55	1 ·58	27
27	Thur. 24	—A ·60	2 ·66	28
28	Fri. 25	1 ·67	3 ·75	29
29	Sat. 26	2 ·74	4 ·85	—30
30	Sun. 27	3 ·82	5 ·97	1
—31	Mon. 28	4 ·91	... ...	2
1	Tues. 29	5 ·99	6 ·08	3
2	Wed. 30	... ...	7 ·17	4

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Nandana. **Vṛishabha—Vaigāśi.**	**May.**			
3	Thur. 1	6 ·05	8 ·25	5
4	Fri. 2	7 ·09	9 ·32	6
5	Sat. 3	8 ·11	10 ·37	7
6	Sun. 4	9 ·11	11 ·39	8
7	Mon. 5	10 ·10	12 ·39	9
8	Tues. 6	11 ·05 / 12 ·98	13 ·38	10
9	Wed. 7	13 ·92	14 ·35	11
10	Thur. 8	14 ·84	15 ·31	12
11	Fri. 9	P ·75	16 ·25	13
12	Sat. 10	1 ·64	17 ·19	14
13	Sun 11	2 ·54	18 ·11	15
14	Mon. 12	3 ·43	19 ·04 / 20 ·98	16
15	Tues. 13	4 ·33	21 ·92	17
16	Wed. 14	5 ·24	22 ·87	18
17	Thur. 15	6 ·16	23 ·83	19
18	Fri. 16	7 ·10	24 ·80	20
19	Sat. 17	8 ·05	25 ·79	21
20	Sun. 18	9 ·02	26 ·81	22
21	Mon. 19	10 ·00	27 ·84	23
22	Tues. 20	11 ·01	1 ·89	24
23	Wed. 21	12 ·04	2 ·96	25
24	Thur. 22	13 ·09	... ...	26
25	Fri. 23	14 ·16	3 ·05	27
26	Sat. 24	—A ·24	4 ·16	28
27	Sun. 25	1 ·32	5 ·27	—29
28	Mon. 26	2 ·40	6 ·37	1
29	Tues. 27	3 ·48	7 ·47	2
30	Wed. 28	4 ·54	8 ·56	3
—31	Thur. 29	5 ·58	9 ·64	4
1	Fri. 30	6 ·60	10 ·68	5
2	Sat. 31	7 ·60	11 ·71	6
	June.			
3	Sun. 1	8 ·59	12 ·72	7
4	Mon. 2	9 ·54	13 ·71	8
5	Tues. 3	10 ·49	14 ·69	9
6	Wed. 4	11 ·42	15 ·64	10
7	Thur. 5	12 ·33	16 ·59	11
8	Fri. 6	13 ·23	17 ·52	12
9	Sat. 7	14 ·13	18 ·45	13
10	Sun. 8	P ·03 / 1 ·92	19 ·38	14
11	Mon. 9	2 ·83	20 ·33	15
12	Tues. 10	3 ·74	21 ·26	16
13	Wed. 11	4 ·65	22 ·20	17
14	Thur. 12	5 ·59	23 ·16	18
15	Fri. 13	6 ·53	24 ·13	19
16	Sat. 14	7 ·50	25 ·12	20
17	Sun. 15	8 ·48	26 ·13	21
18	Mon. 16	9 ·50	27 ·15	22
19	Tues. 17	10 ·52	1 ·20	23
20	Wed. 18	11 ·57	2 ·27	24
21	Thur. 19	12 ·64	3 ·36	25
22	Fri. 20	13 ·71	4 ·46	26
23	Sat 21	14 ·79	5 ·57	27
24	Sun.● 22	—A ·88	6 ·67	28
25	Mon. 23	1 ·96	7 ·77	29
26	Tues. 24	.. ..	8 ·87	—30
27	Wed. 25	2 ·01	9 ·94	1
28	Thur. 26	3 ·06	... ...	2
29	Fri. 27	4 ·08	10 ·00	3
30	Sat. 28	5 ·07	11 ·03	4
31	Sun. 29	6 ·06	12 ·04	5
—32	Mon. 30	7 ·02 / 8 ·96	13 ·03	6

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1712. **Kollam 888,** { **N. Malabar—Sep.** **Hijra 1124.** **Vikrama 1769.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Jan. 29.** **Bengal San. 1118.**
P—Paurnimā. **(N. Cycle) Śubhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Nandana. **Karkaṭaka—Ādi.**			*Bahula.* **Āshādha.**		*H.* 1124 *Jamāda'l ākhir.*	*Nandana.* **Kanyā—Puraṭṭāsi.**			*Bahula.* **Bhād.**		*H.* 1124 *Sha'bān.*	*Nandana.* **Vṛiśchika—Kārttigai.**			*Bahula.* **Kārttika.**		*H.* 1124 *Shawwāl.*
1	Tues.	1	9 ·89	14 ·02 / 15 ·97	7	1	Mon.	1	12 ·24	22 ·21	10	1	Sat.	1	14 ·17	2 ·81	12
2	Wed.	2	10 ·81	16 ·92	8	2	Tues.	2	13 ·15	23 ·16	11	2	Sun.	2	P ·19	3 ·88	13
3	Thur.	3	11 ·71	17 ·86	9	3	Wed.	3	14 ·09	24 ·12	12	3	Mon.	3	1 ·24	4 ·97	14
4	Fri.	4	12 ·60	18 ·79	10	4	Thur.	4	P ·03	25 ·10	13	4	Tues.	4	2 ·32	... ...	15
5	Sat.	5	13 ·51	19 ·73	11	5	Fri.	5	1 ·00 / 2 ·99	26 ·09	14	5	Wed.	5	3 ·40	5 ·07	16
6	Sun.	6	14 ·40	20 ·66	12	6	Sat.	6	... ...	27 ·10	15	6	Thur.	6	4 ·49	6 ·17	17
7	Mon. ○	7	P ·30	21 ·59	13	7	Sun.	7	3 ·01	1 ·14	16	7	Fri.	7	5 ·57	7 ·28	18
8	Tues.	8	1 ·21	22 ·54	14	8	Mon.	8	4 ·02	2 ·20	17	8	Sat.	8	6 ·65	8 ·38	19
9	Wed.	9	2 ·14	23 ·49	15	9	Tues.	9	5 ·07	3 ·27	18	9	Sun.	9	7 ·72	9 ·48	20
10	Thur.	10	3 ·07	24 ·46	16	10	Wed.	10	6 ·13	4 ·36	19	10	Mon.	10	8 ·77	10 ·56	21
11	Fri.	11	4 ·01 / 5 ·98	25 ·45	17	11	Thur.	11	7 ·21	5 ·46	20	11	Tues.	11	9 ·80	11 ·61	22
12	Sat.	12	6 ·96	26 ·43	18	12	Fri.	12	8 ·29	6 ·57	21	12	Wed.	12	10 ·81	12 ·65	23
13	Sun.	13	7 ·97	27 ·47	19	13	Sat.	13	9 ·38	7 ·68	22	13	Thur.	13	11 ·80	13 ·66	24
14	Mon.	14	... ...	1 ·51	20	14	Sun.	14	10 ·46	8 ·78	23	14	Fri.	14	12 ·76	14 ·67	25
15	Tues.	15	8 ·00	2 ·58	21	15	Mon.	15	11 ·53	9 ·86	24	15	Sat.	15	13 ·71	15 ·64	26
16	Wed.	16	9 ·04	3 ·66	22	16	Tues.	16	12 ·57	10 ·93	25	16	Sun.	16	14 ·66	16 ·61	27
17	Thur.	17	10 ·11	4 ·76	23	17	Wed.	17	13 ·60	11 ·98	26	17	Mon.	17	—A ·58	17 ·55	28
18	Fri.	18	11 ·18	5 ·86	24	18	Thur.	18	14 ·61	... ..	27	18	Tues.	18	1 ·48	18 ·49	—29
19	Sat.	19	12 ·25	6 ·97	25	19	Fri.	19	—A ·59	12 ·01	28	19	Wed.	19	2 ·38	19 ·42	1
20	Sun.	20	13 ·35	... ...	26	20	Sat.	20	1 ·57	13 ·02	—29	20	Thur.	20	3 ·29	20 ·36	2
21	Mon.	21	14 ·42	7 ·07	27	21	Sun.	21	2 ·51	14 ·00 / 15 ·97	1	21	Fri.	21	4 ·19	21 ·29	3
22	Tues.	22	—A ·48	8 ·17	28	22	Mon.	22	3 ·44	16 ·94	2	22	Sat.	22	5 ·10	22 ·23	4
23	Wed.	23	1 ·53	9 ·25	—29	23	Tues.	23	4 ·36	17 ·88	3	23	Sun.	23	6 ·01 / 7 ·93	23 ·17	5
24	Thur.	24	2 ·56	10 ·31	1	24	Wed.	24	5 ·27	18 ·82	4	24	Mon.	24	8 ·86	24 ·12	6
25	Fri.	25	3 ·56	11 ·35	2	25	Thur.	25	6 ·17	19 ·75	5	25	Tues.	25	9 ·81	25 ·09	7
26	Sat.	26	4 ·54	12 ·36	3	26	Fri.	26	7 ·08 / 8 ·98	20 ·68	6	26	Wed.	26	10 ·80	26 ·07	8
27	Sun.	27	5 ·50	13 ·37	4	27	Sat.	27	9 ·88	21 ·62	7	27	Thur.	27	11 ·78	27 ·07	9
28	Mon.	28	6 ·45	14 ·35	5	28	Sun.	28	10 ·79	22 ·55	8	28	Fri.	28	12 ·80	1 ·09	10
29	Tues.	29	7 ·38	15 ·31	6	29	Mon.	29	11 ·71	23 ·50	9	—29	Sat.	29	13 ·83	2 ·12	11
30	Wed.	30	8 ·30	16 ·26	7	30	Tues.	30	12 ·65	24 ·45	10	1	Sun.	30	14 ·90	3 ·19	12
—31	Thur.	31	9 ·20	17 ·20	8												
	Aug.						**Oct.**						**Dec.**				
Nandana. **Siṁha—Āvaṇi.**			*Sukla.* **Śrāvaṇa.**		*H.* 1124 *Rajab.*				*Sukla.* **Āśvina.**		*H.* 1124 *Ramazān.*	*Nandana.* **Dhanus—Mārgaḷi.**			*Sukla.* **Mārgaśirsha.**		*H.* 1124 *Zi-l-ka'da.*
1	Fri.	1	10 ·10	18 ·14	9	—31	Wed.	1	13 ·59	25 ·42	11	2	Mon.	1	P ·96	4 ·27	13
2	Sat.	2	11 ·01 / 12 ·91	19 ·07	10	1	Thur.	2	14 ·57	26 ·41	12	3	Tues.	2	... ...	5 ·36	14
3	Sun.	3	13 ·80	20 ·00 / 21 ·93	11	2	Fri.	3	P ·55	27 ·43	13	4	Wed.	3	1 ·05	6 ·47	15
4	Mon.	4	14 ·71	22 ·87	12	3	Sat.	4	1 ·57	1 ·46	14	5	Thur.	4	2 ·13	7 ·58	16
5	Tues.	5	P ·63	23 ·82	13	4	Sun.	5	2 ·59	2 ·50	15	6	Fri.	5	3 ·22	8 ·69	17
6	Wed.	6	1 ·57	24 ·78	14	5	Mon.	6	3 ·64	3 ·57	16	7	Sat.	6	4 ·30	9 ·78	18
7	Thur.	7	2 ·51	25 ·77	15	6	Tues.	7	4 ·70	4 ·66	17	8	Sun.	7	5 ·36	10 ·86	19
8	Fri.	8	3 ·47	26 ·77	16	7	Wed.	8	5 ·78	5 ·77	18	9	Mon.	8	6 ·42	11 ·92	20
9	Sat.	9	4 ·46	27 ·78	17	8	Thur.	9	6 ·87	6 ·87	19	10	Tues.	9	7 ·44	12 ·96	21
10	Sun.	10	5 ·47	1 ·83	18	9	Fri.	10	7 ·95	7 ·98	20	11	Wed.	10	8 ·45	13 ·98	22
11	Mon.	11	6 ·49	2 ·89	19	10	Sat.	11	... ...	... ...	21	12	Thur.	11	9 ·43	14 ·99	23
12	Tues.	12	7 ·54	3 ·97	20	11	Sun.	12	8 ·04	8 ·08	22	13	Fri.	12	10 ·40	15 ·97	24
13	Wed.	13	8 ·60	... ...	21	12	Mon.	13	9 ·11	9 ·16	23	14	Sat.	13	11 ·35	16 ·94	25
14	Thur.	14	9 ·68	4 ·06	22	13	Tues.	14	10 ·15	10 ·24	24	15	Sun.	14	12 ·27	17 ·89	26
15	Fri.	15	10 ·76	5 ·16	23	14	Wed.	15	11 ·18	11 ·30	25	16	Mon.	15	13 ·20	18 ·83	27
16	Sat.	16	11 ·86	6 ·27	24	15	Thur.	16	12 ·19	12 ·33	26	17	Tues.	16	14 ·11	19 ·77	28
17	Sun.	17	12 ·93	7 ·38	25	16	Fri.	17	13 ·18	13 ·34	27	18	Wed. ●	17	A ·02 / 1 ·92	20 ·70	29
18	Mon.	18	... ...	8 ·48	26	17	Sat.	18	14 ·14	14 ·33	28	19	Thur.	18	2 ·82	21 ·63	—30
19	Tues.	19	13 ·00	9 ·56	27	18	Sun.	19	—A ·09	15 ·31	29	20	Fri.	19	3 ·73	22 ·56	1
20	Wed.	20	14 ·03	10 ·62	28	19	Mon.	20	1 ·03 / 2 ·95	16 ·27	—30	21	Sat.	20	4 ·65	23 ·50	2
21	Thur.	21	—A ·05	11 ·66	29	20	Tues.	21	3 ·86	17 ·22	1	22	Sun.	21	5 ·57	24 ·46	3
22	Fri.	22	1 ·07	12 ·68	—30	21	Wed.	22	4 ·76	18 ·16	2	23	Mon.	22	6 ·50	25 ·42	4
23	Sat.	23	2 ·05	13 ·69	1	22	Thur.	23	5 ·67	19 ·09	3	24	Tues.	23	7 ·46	26 ·39	5
24	Sun.	24	3 ·02 / 4 ·97	14 ·67	2	23	Fri.	24	6 ·57	20 ·01 / 21 ·95	4	25	Wed.	24	8 ·44	27 ·39	6
25	Mon.	25	5 ·91	15 ·64	3	24	Sat.	25	7 ·48	22 ·89	5	26	Thur.	25	9 ·43	1 ·40	7
26	Tues.	26	6 ·82	16 ·59	4	25	Sun.	26	8 ·39	23 ·83	6	27	Fri.	26	10 ·44	2 ·45	8
27	Wed.	27	7 ·71	17 ·54	5	26	Mon.	27	9 ·30	24 ·78	7	28	Sat.	27	11 ·48	3 ·50	9
28	Thur.	28	8 ·62	18 ·48	6	27	Tues.	28	10 ·24	25 ·75	8	29	Sun.	28	12 ·54	4 ·57	10
29	Fri.	29	9 ·53	19 ·41	7	28	Wed.	29	11 ·18	26 ·74	9	—30	Mon.	29	13 ·61	5 ·66	11
30	Sat.	30	10 ·42	20 ·34	8	29	Thur.	30	12 ·16	27 ·74	10	1	Tues.	30	14 ·70	6 ·77	12
—31	Sun.	31	11 ·32	21 ·27	9	—30	Fri.	31	13 ·15	1 ·77	11	2	Wed.	31	P ·78	7 ·88	13

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1713. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·23.** **Śaka 1635.** **Kaliyuga 4814.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·14.** **(S. Cycle) Vijaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Thur.	1	1 ·87	8 ·99	14	3	Sun.	1	P ·31	12 ·91	14	3	Fri.	1	2 ·22	18 ·52	16
4	Fri.	2	2 ·95	... ...	15	4	Mon.	2	1 ·33	13 ·95	15	4	Sat.	2	3 ·14	19 ·46	17
5	Sat.	3	... ...	9 ·08	16	5	Tues.	3	2 ·33	14 ·96	16	5	Sun.	3	4 ·05 / 5 ·96	20 ·40	18
6	Sun.	4	3 ·01	10 ·17	17	6	Wed.	4	3 ·32	15 ·95	17	6	Mon.	4	6 ·85	21 ·33	19
7	Mon.	5	4 ·06	11 ·23	18	7	Thur.	5	4 ·28	16 ·94	18	7	Tues.	5	7 ·74	22 ·26	20
8	Tues.	6	5 ·08	12 ·28	19	8	Fri.	6	5 ·21	17 ·90	19	8	Wed.	6	8 ·65	23 ·19	21
9	Wed.	7	6 ·10	13 ·31	20	9	Sat.	7	6 ·14	18 ·86	20	9	Thur.	7	9 ·55	24 ·13	22
10	Thur.	8	7 ·08	14 ·32	21	10	Sun.	8	7 ·06 / 8 ·97	19 ·79	21	10	Fri.	8	10 ·48	25 ·09	23
11	Fri.	9	8 ·05	15 ·30	22	11	Mon.	9	9 ·87	20 ·72	22	11	Sat.	9	11 ·42	26 ·05	24
12	Sat.	10	9 ·00 / 10 ·92	16 ·27	23	12	Tues.	10	10 ·77	21 ·66	23	12	Sun.	10	12 ·37	27 ·02	25
13	Sun.	11	11 ·84	17 ·23	24	13	Wed.	11	11 ·67	22 ·58	24	13	Mon.	11	13 ·34	1 ·01	26
14	Mon.	12	12 ·75	18 ·18	25	14	Thur.	12	12 ·58	23 ·52	25	14	Tues.	12	14 ·32	2 ·02	27
15	Tues.	13	13 ·66	19 ·11	26	15	Fri.	13	13 ·49	24 ·46	26	15	Wed.	13	A ·34	3 ·06	28
16	Wed.	14	14 ·55	20 ·04 / 21 ·97	27	16	Sat.	14	14 ·41	25 ·41	27	16	Thur.	14	1 ·37	4 ·11	—29
17	Thur.	15	A ·46	22 ·90	28	17	Sun.	15	A ·35	26 ·38	28	17	Fri.	15	2 ·43	5 ·18	1
18	Fri.	16	1 ·37	23 ·85	—29	18	Mon.	16	1 ·31	27 ·37	29	18	Sat.	16	3 ·50	6 ·27	2
19	Sat.	17	2 ·28	24 ·79	1	19	Tues.	17	2 ·29	1 ·37	1	19	Sun.	17	4 ·58	7 ·37	3
20	Sun.	18	3 ·21	25 ·75	2	20	Wed.	18	3 ·27	2 ·39	2	20	Mon.	18	5 ·66	8 ·49	4
21	Mon.	19	4 ·14	26 ·72	3	21	Thur.	19	4 ·30	3 ·43	3	21	Tues.	19	6 ·74	9 ·59	5
22	Tues.	20	5 ·11	27 ·71	4	22	Fri.	20	5 ·33	4 ·49	4	22	Wed.	20	7 ·81	10 ·69	6
23	Wed.	21	6 ·08	1 ·73	5	23	Sat.	21	6 ·38	5 ·58	5	23	Thur.	21	8 ·86	11 ·78	7
24	Thur.	22	7 ·07	2 ·76	6	24	Sun.	22	7 ·46	6 ·67	6	24	Fri.	22	9 ·90	12 ·85	8
25	Fri.	23	8 ·09	3 ·81	7	25	Mon.	23	8 ·54	7 ·78	7	25	Sat.	23	10 ·92	13 ·89	9
26	Sat.	24	9 ·14	4 ·88	8	26	Tues.	24	9 ·63	8 ·88	8	26	Sun.	24	11 ·93	14 ·93	10
27	Sun.	25	10 ·19	5 ·96	9	27	Wed.	25	10 ·71	9 ·99	9	27	Mon.	25	12 ·90	15 ·94	11
28	Mon.	26	11 ·26	... ...	10	28	Thur.	26	11 ·79	... ...	10	28	Tues.	26	13 ·87	16 ·93	12
—29	Tues.	27	12 ·34	6 ·06	11	29	Fri.	27	12 ·84	10 ·09	11	29	Wed.	27	14 ·81	17 ·90	13
1	Wed.	28	13 ·43	7 ·18	12	—30	Sat.	28	13 ·88	11 ·17	12	30	Thur. ○	28	P ·73	18 ·85	14
2	Thur.	29	14 ·52	8 ·29	13	1	Sun.	29	14 ·91	12 ·23	13	—31	Fri.	29	1 ·64	19 ·80	15
3	Fri.	30	P ·59	9 ·39	14	2	Mon.	30	P ·89	13 ·26	14	1	Sat.	30	2 ·55	20 ·74	16
4	Sat.	31	1 ·66	10 ·47	15	3	Tues.	31	1 ·88	14 ·28	15	2	Sun.	31	3 ·46	21 ·67	17
	Feb.						**April.**						**June.**				
5	Sun.	1	2 ·70	11 ·54	16	4	Wed.	1	2 ·84	15 ·29	16	3	Mon.	1	4 ·35	22 ·60	18
6	Mon.	2	3 ·73	12 ·60	17	5	Thur.	2	3 ·78	16 ·27	17	4	Tues.	2	5 ·25	23 ·53	19
7	Tues.	3	4 ·73	13 ·63	18	6	Fri.	3	4 ·70	17 ·23	18	5	Wed.	3	6 ·14	24 ·48	20
8	Wed.	4	5 ·71	14 ·64	19	7	Sat.	4	5 ·62	18 ·18	19	6	Thur.	4	7 ·04 / 8 ·97	25 ·42	21
9	Thur.	5	6 ·68	15 ·63	20	8	Sun.	5	6 ·53	19 ·12	20	7	Fri.	5	9 ·90	26 ·38	22
10	Fri.	6	7 ·62	16 ·60	21	9	Mon.	6	7 ·43	20 ·06 / 21 ·99	21	8	Sat.	6	10 ·86	27 ·35	23
11	Sat.	7	8 ·55	17 ·57	22	10	Tues.	7	8 ·33	22 ·93	22	9	Sun.	7	11 ·82	1 ·33	24
12	Sun.	8	9 ·47	18 ·51	23	11	Wed.	8	9 ·23	23 ·86	23	10	Mon.	8	12 ·81	2 ·35	25
13	Mon.	9	10 ·38	19 ·45	24	12	Thur.	9	10 ·14	24 ·80	24	11	Tues.	9	13 ·82	3 ·37	26
14	Tues.	10	11 ·28	20 ·38	25	13	Fri.	10	11 ·04 / 12 ·97	25 ·74	25	12	Wed.	10	14 ·86	4 ·42	27
15	Wed.	11	12 ·17	21 ·31	26	14	Sat.	11	13 ·89	26 ·72	26	13	Thur.	11	A ·90	5 ·49	28
16	Thur.	12	13 ·08 / 14 ·99	22 ·25	27	15	Sun.	12	14 ·85	27 ·69	27	14	Fri.	12	1 ·97	6 ·57	29
17	Fri.	13	A ·90	23 ·18	28	16	Mon.	13	A ·83	1 ·69	28	15	Sat.	13	... ...	7 ·68	—30
18	Sat.	14	1 ·82	24 ·13	29	17	Tues.	14	1 ·81	2 ·70	29	16	Sun.	14	2 ·05	8 ·79	1
19	Sun.	15	2 ·76	25 ·08	—30	18	Wed.	15	2 ·83	3 ·74	—30	17	Mon.	15	3 ·12	9 ·89	2
20	Mon.	16	3 ·72	26 ·05	1	19	Thur.	16	3 ·87	4 ·80	1	18	Tues.	16	4 ·21	10 ·99	3
21	Tues.	17	4 ·69	27 ·03	2	20	Fri.	17	4 ·93	5 ·88	2	19	Wed.	17	5 ·29	... ...	4
22	Wed.	18	5 ·69	1 ·04	3	21	Sat.	18	... ...	6 ·97	3	20	Thur.	18	6 ·34	11 ·08	5
23	Thur.	19	6 ·70	2 ·07	4	22	Sun.	19	5 ·00	... ...	4	21	Fri.	19	7 ·38	12 ·15	6
24	Fri.	20	7 ·75	3 ·12	5	23	Mon.	20	6 ·07	7 ·07	5	22	Sat.	20	8 ·40	13 ·20	7
25	Sat.	21	8 ·80	4 ·18	6	24	Tues.	21	7 ·16	8 ·13	6	23	Sun.	21	9 ·41	14 ·25	8
26	Sun.	22	9 ·87	5 ·27	7	25	Wed.	22	8 ·24	9 ·29	7	24	Mon.	22	10 ·38	15 ·26	9
27	Mon.	23	10 ·98	6 ·37	8	26	Thur.	23	9 ·32	10 ·39	8	25	Tues.	23	11 ·35	16 ·25	10
28	Tues.	24	... ...	7 ·48	9	27	Fri.	24	10 ·37	11 ·47	9	26	Wed.	24	12 ·29	17 ·23	11
29	Wed.	25	11 ·05	8 ·59	10	28	Sat.	25	11 ·42	12 ·54	10	27	Thur.	25	13 ·21	18 ·20	12
—30	Thur.	26	12 ·14	9 ·69	11	29	Sun.	26	12 ·42	13 ·58	11	28	Fri.	26	14 ·12	19 ·14	13
1	Fri.	27	13 ·21	10 ·78	12	30	Mon.	27	13 ·43	14 ·61	12	29	Sat.	27	P ·03 / 1 ·92	20 ·08	14
2	Sat.	28	14 ·27	11 ·86	13	—31	Tues.	28	14 ·41	15 ·61	13	30	Sun.	28	2 ·82	21 ·01 / 22 ·94	15
						1	Wed.	29	P ·37	16 ·60	14	31	Mon.	29	3 ·72	23 ·88	16
						2	Thur.	30	1 ·31	17 ·57	15	—32	Tues.	30	4 ·61	24 ·81	17

Nandana. **Makara—Tai.** *Bahula.* *Sukla.* *Muharram.* *H.* 1124 *Zi-l-hijja.*

Nandana. **Kumbha—Māsi.** *Bahula.* *Sukla.* **Phālguna.** *Śaśar.* *H.* 1125

Nandana. **Mīna—Pāguni.** *Bahula.* *Sukla.* **Chaitra.** *Rabi-ul awwal.* *H.* 1125

Vijaya. **Mēsha—Chittirai.** *Bahula.* *Sukla.* **Vaiśākha.** *Rabī-ul ākhir.* *H.* 1125

Vijaya. **Vṛishabha—Vaigāśi.** *Bahula.* *Sukla.* **Jyeshtha.** *Jamād'l awwal.* *H.* 1125

Vijaya. **Mithuna—Āni.** *Bahula.* *Sukla.* **Āshādha.** *Jamād'l ākhir.* *H.* 1125

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1713. **Kollam 889,** { **N. Malabar—Sep.** **Hijra 1125.** **Vikrama 1770.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Jan. 17.** **Bengal San. 1119.**
P—Paurnimā. **(N. Cycle) Śobhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Wed.	1	5 ·53	25 ·76	18	—31	Tues.	1	*Bahula.* 8 ·33	5 ·42	21	1	Sun.	1	10 ·95	11 ·60	23
2	Thur.	2	6 ·45	26 ·71	19	1	Wed.	2	9 ·39	6 ·49	22	2	Mon.	2	... ...	12 ·69	24
3	Fri.	3	7 ·39	27 ·67	20	2	Thur.	3	10 ·45	7 ·58	23	3	Tues.	3	11 ·02	13 ·77	25
4	Sat.	4	8 ·33	1 ·66	21	3	Fri.	4	11 ·53	8 ·68	24	4	Wed.	4	12 ·06	14 ·83	26
5	Sun.	5	9 ·30	2 ·66	22	4	Sat.	5	12 ·62	9 ·79	25	5	Thur.	5	13 ·09	15 ·87	27
6	Mon.	6	10 ·29	3 ·69	23	5	Sun.	6	13 ·70	10 ·90	26	6	Fri.	6	14 ·10	16 ·88	28
7	Tues.	7	11 ·29	4 ·73	24	6	Mon.	7	14 ·78	... ...	27	7	Sat.	7	—**A** ·08	17 ·88	—29
8	Wed.	8	12 ·33	5 ·79	25	7	Tues.	8	—**A** ·84	11 ·00	28	8	Sun.	8	1 ·05	18 ·85	1
9	Thur.	9	13 ·38	6 ·87	26	8	Wed.	9	1 ·89	12 ·08	—29	9	Mon.	9	{ 2 ·01	19 ·82	2
10	Fri.	10	14 ·45	7 ·97	27	9	Thur.	10	2 ·90	13 ·15	1				{ 3 ·94		
11	Sat.	11	—**A** ·52	... ...	28	10	Fri.	11	3 ·91	14 ·20	2	10	Tues.	10	4 ·85	20 ·77	3
12	Sun.	12	1 ·60	8 ·08	—29	11	Sat.	12	4 ·90	15 ·23	3	11	Wed.	11	5 ·75	21 ·71	4
13	Mon.	13	2 ·68	9 ·19	1	12	Sun.	13	5 ·87	16 ·22	4	12	Thur.	12	6 ·67	22 ·64	5
14	Tues.	14	3 ·75	10 ·29	2	13	Mon.	14	6 ·82	17 ·22	5	13	Fri.	13	7 ·57	23 ·57	6
15	Wed.	15	4 ·81	11 ·39	3	14	Tues.	15	7 ·74	18 ·19	6	14	Sat.	14	8 ·48	24 ·52	7
16	Thur.	16	5 ·86	12 ·47	4	15	Wed.	16	8 ·66	19 ·15	7	15	Sun.	15	9 ·37	25 ·45	8
17	Fri.	17	6 ·89	13 ·53	5	16	Thur.	17	9 ·57	20 ·09	8	16	Mon.	16	10 ·29	26 ·39	9
18	Sat.	18	7 ·88	14 ·57	6					21 ·04 }		17	Tues.	17	11 ·21	27 ·34	10
19	Sun.	19	8 ·87	15 ·58	7	17	Fri.	18	Āśvina. 10 ·47	22 ·97 }	9	18	Wed.	18	12 ·14	1 ·30	11
20	Mon.	20	9 ·83	16 ·58	8	18	Sat.	19	11 ·38	23 ·90	10	19	Thur.	19	13 ·10	2 ·28	12
21	Tues.	21	10 ·77	17 ·57	9	19	Sun.	20	12 ·27	24 ·83	11	20	Fri.	20	14 ·08	3 ·29	13
22	Wed.	22	11 ·70	18 ·53	10	20	Mon.	21	13 ·17	25 ·76	12	21	Sat.	○21	**P** ·08	4 ·31	14
23	Thur.	23	12 ·61	19 ·48	11	21	Tues.	22	14 ·08	26 ·72	13	22	Sun.	22	1 ·08	5 ·34	15
24	Fri.	24	13 ·52	20 ·42	12	22	Wed.	23	{ **P** ·01	27 ·67	14	23	Mon.	23	2 ·12	6 ·40	16
25	Sat.	25	14 ·41	21 ·35	13				1 ·94			24	Tues.	24	3 ·17	7 ·48	17
26	Sun.	26	**P** ·32	22 ·29	14	23	Thur.	24	2 ·89	1 ·64	15	25	Wed.	25	4 ·25	8 ·58	18
27	Mon.	27	1 ·22	23 ·22	15	24	Fri.	25	3 ·86	2 ·63	16	26	Thur.	26	5 ·33	9 ·69	19
28	Tues.	28	2 ·11	24 ·15	16	25	Sat.	26	4 ·84	3 ·64	17	27	Fri.	27	6 ·42	10 ·80	20
29	Wed.	29	{ 3 ·02	25 ·09	17	26	Sun.	27	5 ·87	4 ·67	18	28	Sat.	28	7 ·51	11 ·90	21
			{ 4 ·94			27	Mon.	28	6 ·89	5 ·72	19	—29	Sun.	29	8 ·59	12 ·99	22
30	Thur.	30	5 ·88	26 ·04	18	28	Tues.	29	7 ·95	6 ·79	20	1	Mon.	30	9 ·66	... ...	23
31	Fri.	31	6 ·82	27 ·01 }	19	29	Wed.	30	... ...	7 ·88	21						
				1 ·99 }													
	Aug.						**Oct.**						**Dec.**				
—32	Sat.	1	7 ·80	2 ·99	20	—30	Thur.	1	8 ·01	8 ·98	22	2	Tues.	1	10 ·71	13 ·08	24
1	Sun.	2	8 ·77	... ...	21	1	Fri.	2	9 ·10	... ...	23	3	Wed.	2	11 ·73	14 ·14	25
2	Mon.	3	9 ·78	3 ·00	22	2	Sat.	3	10 ·18	9 ·09	24	4	Thur.	3	12 ·73	15 ·18	26
3	Tues.	4	10 ·81	4 ·04	23	3	Sun.	4	11 ·26	10 ·20	25	5	Fri.	4	13 ·72	16 ·20	27
4	Wed.	5	11 ·86	5 ·10	24	4	Mon.	5	12 ·34	11 ·30	26	6	Sat.	5	14 ·69	17 ·20	28
5	Thur.	6	12 ·93	6 ·19	25	5	Tues.	6	13 ·41	12 ·39	27	7	Sun.	6	—**A** ·63	18 ·19	29
6	Fri.	7	... ...	7 ·28	26	6	Wed.	7	14 ·46	13 ·46	28	8	Mon.	7	1 ·56	19 ·16	—30
7	Sat.	8	13 ·01	8 ·38	27	7	Thur.	8	—**A** ·47	14 ·52	29	9	Tues.	8	2 ·48	20 ·11	1
8	Sun.	9	14 ·10	9 ·49	28	8	Fri.	9	1 ·49	15 ·55	—30					21 ·05 }	
9	Mon.	10	—**A** ·18	10 ·59	29	9	Sat.	10	2 ·47	16 ·56	1	10	Wed.	9	3 ·39	22 ·98 }	2
10	Tues.	11	1 ·26	11 ·70	—30	10	Sun.	11	3 ·45	17 ·55	2	11	Thur.	10	4 ·29	23 ·92	3
11	Wed.	12	2 ·32	12 ·78	1	11	Mon.	12	4 ·40	18 ·52	3	12	Fri.	11	5 ·20	24 ·85	4
12	Thur.	13	3 ·35	13 ·84	2	12	Tues.	13	5 ·32	19 ·48	4	13	Sat.	12	6 ·10	25 ·78	5
13	Fri.	14	4 ·37	14 ·88	3	13	Wed.	14	6 ·24	20 ·44	5				{ 7 ·00		
14	Sat.	15	5 ·38	15 ·90	4	14	Thur.	15	7 ·14	21 ·38	6	14	Sun.	13	{ 8 ·92	26 ·72	6
15	Sun.	16	6 ·37	16 ·91	5				{ 8 ·05			15	Mon.	14	9 ·85	27 ·67	7
16	Mon.	17	7 ·33	17 ·90	6	15	Fri.	16	{ 9 ·95	22 ·31	7	16	Tues.	15	10 ·79	1 ·64	8
17	Tues.	18	8 ·29	18 ·86	7	16	Sat.	17	10 ·86	23 ·23	8	17	Wed.	16	11 ·74	2 ·62	9
18	Wed.	19	9 ·21	19 ·81	8	17	Sun.	18	11 ·75	24 ·16	9	18	Thur.	17	12 ·72	3 ·61	10
19	Thur.	20	10 ·11	20 75	9	18	Mon	19	12 ·67	25 ·11	10	19	Fri.	18	13 ·71	4 ·62	11
			{ 11 ·02			19	Tues.	20	Kārttika. 13 ·60	26 ·05	11	20	Sat.	19	Pausha. 14 ·72	5 ·66	12
20	Fri.	21	{ 12 ·92	21 ·70	10					27 ·00 }		21	Sun.	20	**P** ·77	6 ·71	13
21	Sat.	22	13 ·83	22 ·63	11	20	Wed.	21	14 ·53	1 ·97 }	12	22	Mon.	21	1 ·83	7 ·79	14
22	Sun.	23	14 ·73	23 ·56	12	21	Thur.	22	**P** ·48	2 ·95	13	23	Tues.	22	2 ·90	8 ·89	15
23	Mon.	24	**P** ·63	24 ·49	13	22	Fri.	23	1 ·45	3 ·97	14	24	Wed.	23	3 ·98	9 ·99	16
24	Tues.	25	1 ·54	25 ·43	14	23	Sat.	24	2 ·44	4 ·99	15	25	Thur.	24	... ...	... ...	17
25	Wed.	26	2 ·46	26 ·38	15	24	Sun.	25	3 ·46	... ...	16	26	Fri.	25	4 ·08	10 ·09	18
26	Thur.	27	3 ·39	27 ·35	16	25	Mon.	26	4 ·48	5 ·03	17	27	Sat.	26	5 ·16	11 ·20	19
27	Fri.	28	4 ·33	1 ·32	17	26	Tues.	27	5 ·54	6 ·10	18	28	Sun.	27	6 ·24	12 ·31	20
28	Sat.	29	5 ·31	2 ·31	18	27	Wed.	28	6 ·61	7 ·18	19	29	Mon.	28	7 ·31	13 ·39	21
29	Sun.	30	6 ·29	3 ·32	19	28	Thur.	29	7 ·70	8 ·28	20	—30	Tues.	29	8 ·35	14 ·45	22
30	Mon.	31	7 ·31	4 ·35	20	29	Fri.	30	8 ·79	9 ·39	21	1	Wed.	30	9 ·38	15 ·50	23
						—30	Sat.	31	9 ·88	10 ·50	22	2	Thur.	31	10 ·38	16 ·52	24

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1714. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·49.** **Śaka 1636.** **Kaliyuga 4815.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·40.** **(S. Cycle) Jaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Fri.	1	11 ·37	17 ·54	25	3	Mon.	1	11 ·36	21 ·07	25	3	Sat.	1	14 ·79	1 ·30	27
4	Sat.	2	12 ·33	18 ·52	26	4	Tues.	2	12 ·26	22 ·01 / 23 ·95	26	4	Sun.	2	—A ·74	2 ·27	28
5	Sun.	3	13 ·28	19 ·49	27	5	Wed.	3	13 ·17	24 ·87	27	5	Mon.	3	1 ·69	3 ·24	—29
6	Mon.	4	14 ·21	20 ·44	28	6	Thur.	4	14 ·06 / A ·96	25 ·80	28	6	Tues.	4	2 ·66	4 ·23	1
7	Tues.	5	—A ·12	21 ·39	—29	7	Fri.	5	1 ·87	26 ·74	—29	7	Wed.	5	3 ·66	5 ·24	2
8	Wed.	6	1 ·03 / 2 ·94	22 ·33	1	8	Sat.	6	2 ·78	27 ·68	1	8	Thur.	6	4 ·67	6 ·27	3
9	Thur.	7	3 ·84	23 ·26	2	9	Sun.	7	3 ·71	1 ·63	2	9	Fri.	7	5 ·71	7 ·33	4
10	Fri.	8	4 ·74	24 ·19	3	10	Mon.	8	4 ·65	2 ·60	3	10	Sat.	8	6 ·76	8 ·40	5
11	Sat.	9	5 ·65	25 ·12	4	11	Tues.	9	5 ·62	3 ·58	4	11	Sun.	9	7 ·83	9 ·49	6
12	Sun.	10	6 ·57	26 ·06	5	12	Wed.	10	6 ·59	4 ·59	5	12	Mon.	10	8 ·92	10 ·59	7
13	Mon.	11	7 ·49	27 ·00 / 1 ·97	6	13	Thur.	11	7 ·59	5 ·61	6	13	Tues.	11	9 ·99	11 ·70	8
14	Tues.	12	8 ·43	2 ·94	7	14	Fri.	12	8 ·61	6 ·65	7	14	Wed.	12	... ...	12 ·81	9
15	Wed.	13	9 ·39	3 ·93	8	15	Sat.	13	9 ·64	7 ·71	8	15	Thur.	13	10 ·07	13 ·91	10
16	Thur.	14	10 ·37	4 ·94	9	16	Sun.	14	10 ·70	8 ·79	9	16	Fri.	14	11 ·14	... ...	11
17	Fri.	15	11 ·36	5 ·97	10	17	Mon.	15	11 ·77	9 ·88	10	17	Sat.	15	12 ·20	14 ·00	12
18	Sat.	16	12 ·39	... ...	11	18	Tues.	16	12 ·86	10 ·98	11	18	Sun.	16	13 ·23	15 ·07	13
19	Sun.	17	13 ·43	6 ·03	12	19	Wed.	17	13 ·94	... ...	12	19	Mon.	17	14 ·26	16 ·11	14
20	Mon.	18	14 ·48	7 ·10	13	20	Thur.	18	... ...	11 ·10	13	20	Tues. ○	18	P ·25	17 ·14	15
21	Tues.	19	P ·55	8 ·19	14	21	Fri.	19	14 ·03	12 ·21	14	21	Wed.	19	1 ·23	18 ·16	16
22	Wed.	20	1 ·65	9 ·28	15	22	Sat.	20	P ·10	13 ·30	15	22	Thur.	20	2 ·18	19 ·15	17
23	Thur.	21	2 ·73	10 ·39	16	23	Sun.	21	1 ·15	14 ·39	16	23	Fri.	21	3 ·12	20 ·12	18
24	Fri.	22	3 ·81	11 ·51	17	24	Mon.	22	2 ·20	15 ·45	17	24	Sat.	22	4 ·05 / 5 ·95	21 ·07	19
25	Sat.	23	4 ·89	12 ·61	18	25	Tues.	23	3 ·21	16 ·49	18	25	Sun.	23	6 ·86	22 ·02 / 23 ·96	20
26	Sun.	24	5 ·96	13 ·69	19	26	Wed.	24	4 ·21	17 ·50	19	26	Mon.	24	7 ·76	24 ·89	21
27	Mon.	25	... ...	14 ·76	20	27	Thur.	25	5 ·19	18 ·50	20	27	Tues.	25	8 ·66	25 ·82	22
28	Tues.	26	6 ·00	15 ·81	21	28	Fri.	26	6 ·14	19 ·48	21	28	Wed.	26	9 ·55	26 ·75	23
—29	Wed.	27	7 ·02	16 ·85	22	29	Sat.	27	7 ·08	20 ·45	22	29	Thur.	27	10 ·46	27 ·69	24
1	Thur.	28	8 ·02	17 ·86	23	—30	Sun.	28	8 ·02 / 9 ·93	21 ·39	23	30	Fri.	28	11 ·38	1 ·64	25
2	Fri.	29	9 ·01 / 10 ·96	18 ·85	24	1	Mon.	29	10 ·83	22 ·34	24	31	Sat.	29	12 ·30	2 ·60	26
3	Sat.	30	11 ·90	19 ·82	25	2	Tues.	30	11 ·73	23 ·28	25	—32	Sun.	30	13 ·23	3 ·57	27
4	Sun.	31	12 ·83	20 ·78	26	3	Wed.	31	12 ·62	24 ·21	26	1	Mon.	31	14 ·18	4 ·55	28
	Feb.						**April.**						**June.**				
5	Mon.	1	13 ·75	21 ·73	27	4	Thur.	1	13 ·53	25 ·14	27	2	Tues.	1	—A ·16	5 56	29
6	Tues.	2	14 ·66	22 ·67	28	5	Fri.	2	14 ·43	26 ·08	28	3	Wed.	2	1 ·14	6 ·58	—30
7	Wed.	3	—A ·56	23 ·60	29	6	Sat.	3	— A ·35	27 ·02 / 1 ·96	29	4	Thur.	3	2 ·16	7 ·64	1
8	Thur.	4	1 ·46	24 ·53	—30	7	Sun.	4	1 ·27	2 ·93	—30	5	Fri.	4	3 ·19	8 ·72	2
9	Fri.	5	2 ·36	25 ·46	1	8	Mon.	5	2 ·20	3 ·90	1	6	Sat.	5	4 ·23	9 ·80	3
10	Sat.	6	3 ·28	26 ·39	2	9	Tues.	6	3 ·17	4 ·91	2	7	Sun.	6	5 ·30	10 ·89	4
11	Sun.	7	4 ·19	27 ·34	3	10	Wed.	7	4 ·14	5 ·92	3	8	Mon.	7	6 38	... ...	5
12	Mon.	8	5 ·12	1 ·29	4	11	Thur.	8	5 ·14	6 ·96	4	9	Tues.	8	7 ·47	11 ·00	6
13	Tues.	9	6 ·05	2 ·27	5	12	Fri.	9	6 ·16	.. ...	5	10	Wed.	9	8 ·55	12 ·11	7
14	Wed.	10	7 ·01 / 8 ·99	3 ·25	6	13	Sat.	10	7 ·20	7 ·02	6	11	Thur.	10	9 ·62	13 ·21	8
15	Thur.	11	9 ·99	4 ·26	7	14	Sun.	11	8 ·25	8 ·10	7	12	Fri.	11	10 ·68	14 ·30	9
16	Fri.	12	.. ...	5 ·29	8	15	Mon.	12	9 ·31	9 ·19	8	13	Sat.	12	11 ·71	15 ·37	10
17	Sat.	13	10 ·02	6 ·34	9	16	Tues.	13	10 ·40	10 ·29	9	14	Sun.	13	12 ·74	16 ·43	11
18	Sun.	14	11 ·05	7 ·40	10	17	Wed.	14	11 ·48	11 ·40	10	15	Mon.	14	13 ·73	17 ·47	12
19	Mon.	15	12 ·11	8 ·49	11	18	Thur.	15	12 ·57	12 ·51	11	16	Tues.	15	14 ·71	18 ·48	13
20	Tues.	16	13 ·17	9 ·58	12	19	Fri.	16	13 ·64	13 ·60	12	17	Wed.	16	P ·66	19 ·47	14
21	Wed.	17	14 ·25	10 ·70	13	20	Sat.	17	14 ·70	14 ·69	13	18	Thur.	17	1 ·61	20 ·45	15
22	Thur.	18	P ·34	11 ·81	14	21	Sun.	18	P ·74	15 ·76	14	19	Fri.	18	2 ·53	21 ·41	16
23	Fri.	19	1 ·43	12 ·91	15	22	Mon.	19	1 ·76	16 ·80	15	20	Sat.	19	3 ·44	22 ·35	17
24	Sat.	20	2 ·51	... ...	16	23	Tues.	20	2 ·74	17 ·82	16	21	Sun.	20	4 35	23 ·30	18
25	Sun.	21	3 ·57	13 ·00	17	24	Wed.	21	3 ·72	18 ·82	17	22	Mon.	21	5 25	24 23	19
26	Mon.	22	4 ·62	14 ·07	18	25	Thur.	22	4 ·67	19 ·82	18	23	Tues.	22	6 ·15	25 ·16	20
27	Tues.	23	5 ·63	15 ·14	19	26	Fri.	23	5 ·61	20 ·79	19	24	Wed.	23	7 ·04 / 8 ·95	26 ·09	21
28	Wed.	24	6 ·63	16 ·17	20	27	Sat.	24	6 ·55	21 ·74	20					27 ·03 / 1 ·98	
29	Thur	25	7 ·61	17 ·18	21	28	Sun.	25	7 ·46	22 ·68	21	25	Thur.	24	9 ·86		22
—30	Fri.	26	8 ·58	18 ·17	22	29	Mon.	26	8 ·37	23 ·61	22	26	Fri.	25	10 ·77	2 ·94	23
1	Sat.	27	9 ·51	19 ·15	23	30	Tues.	27	9 ·26	24 ·55	23	27	Sat.	26	11 ·71	3 ·89	24
2	Sun.	28	10 ·44	20 ·12	24	—31	Wed.	28	10 ·15	25 ·48	24	28	Sun.	27	12 ·67	4 ·88	25
						1	Thur.	29	11 ·06 / 12 ·96	26 ·41	25	29	Mon.	28	13 ·63	5 ·88	26
						2	Fri.	30	13 ·88	27 ·35	26	30	Tues.	29	14 ·62	6 ·91	27
												—31	Wed.	30	—A ·64	7 ·95	28

Vijaya. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* *H.* 1125 *Muharram.*

Vijaya. **Kumbha—Māśi.** *Śukla.* **Phālguna.** *Bahula.* *H.* 1126 *Śafar.*

Jaya. **Mīna—Pāiguni.** *Śukla.* **Chaitra.** *Bahula.* *H.* 1126 *Rabī-ul awwal.*

Jaya. **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 1126 *Rabī-ul ākhir.*

Jaya. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H.* 1126 *Jamādā'l awwal.*

Jaya. **Mithuna—Āni.** *Śukla.* **Adhika Āshādha.** *Bahula.* *H.* 1126 *Jamādā'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1714. **Kollam 890,** { **N. Malabar—Sep.** **Hijra** { **1126** Commences **Jan. 6.** **Vikrama 1771.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** { **1127** Do. **Dec. 27.** **Bengal San. 1120.**
P—Paurnimā. **(N. Cycle) Krodhin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Jaya.				
Karkaṭaka—Ādi.	1 Thur. 1	1 ·66	... ...	—29
	2 Fri. 2	2 ·72	8 ·01	1
	3 Sat. 3	3 ·79	9 ·09	2
	4 Sun. 4	4 ·87	10 ·19	3
	5 Mon. 5	5 ·94	11 ·31	4
	6 Tues. 6	... ...	12 ·41	5
	7 Wed. 7	6 ·02	13 ·51	6
	8 Thur. 8	7 ·10	14 ·61	7
	9 Fri. 9	8 ·16	15 ·68	8
	10 Sat. 10	9 ·20	16 ·75	9
	11 Sun. 11	10 ·21	17 ·79	10
	12 Mon. 12	11 ·21	18 ·80	11
	13 Tues. 13	12 ·19	19 ·80	12
	14 Wed. 14	13 ·15	20 ·78	13
	15 Thur. 15	14 ·09	21 ·75	14
	16 Fri. 16	P ·02	22 ·70	15
		1 ·94		
	17 Sat. 17	2 ·84	23 ·64	16
	18 Sun. 18	3 ·74	24 ·57	17
	19 Mon. 19	4 ·63	25 ·50	18
	20 Tues. 20	5 ·54	26 ·43	19
	21 Wed. 21	6 ·44	27 ·37	20
	22 Thur. 22	7 ·34	1 ·31	21
	23 Fri. 23	8 ·26	2 ·26	22
	24 Sat. 24	9 ·19	3 ·22	23
	25 Sun. 25	10 ·15	4 ·29	24
	26 Mon. 26	11 ·12	5 ·21	25
	27 Tues. 27	12 ·11	6 ·22	26
	28 Wed. 28	13 ·11	7 ·26	27
	29 Thur. 29	14 ·14	8 ·32	28
	30 Fri. 30	—A ·19	9 ·40	29
	31 Sat. 31	1 ·26	10 ·50	—30
	Aug.			
	—32 Sun. 1	2 ·34	11 ·60	1
	1 Mon. 2	3 ·43	12 ·71	2
	2 Tues. 3	4 ·52	13 ·81	3
	3 Wed. 4	5 ·58	14 ·91	4
	4 Thur. 5	6 ·64	15 ·99	5
	5 Fri. 6	7 ·68	... ...	6
	6 Sat. 7	8 ·71	16 ·06	7
	7 Sun. 8	9 ·71	17 ·10	8
	8 Mon. 9	10 ·68	18 ·12	9
	9 Tues. 10	11 ·64	19 ·12	10
	10 Wed. 11	12 ·59	20 ·11	11
	11 Thur. 12	13 ·52	21 ·07	12
	12 Fri. 13	14 ·44	22 ·03	13
			23 ·97	
	13 Sat. 14	P ·33	24 ·90	14
	14 Sun. 15	1 ·23	25 ·84	15
	15 Mon. 16	2 ·13	26 ·78	16
	16 Tues. 17	3 ·04	27 ·71	17
		4 ·94		
	17 Wed. 18	5 ·85	1 ·35	18
	18 Thur. 19	6 ·76	2 ·59	19
	19 Fri. 20	7 ·70	3 ·55	20
	20 Sat. 21	8 ·65	4 ·54	21
	21 Sun. 22	9 ·62	5 ·53	22
	22 Mon. 23	10 ·62	6 ·54	23
	23 Tues. 24	11 ·62	7 ·57	24
	24 Wed. 25	12 ·66	8 ·63	25
	25 Thur. 26	13 ·71	9 ·71	26
	26 Fri. 27	14 ·78	10 ·80	27
	27 Sat. 28	—A ·85	11 ·90	28
	28 Sun. 29	1 ·93	... ...	—29
	29 Mon. 30	... ...	12 ·01	1
	30 Tues. 31	2 ·02	13 ·12	2

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
Jaya.				
Kanyā—Puraṭṭāśi.	—31 Wed. 1	3 ·10	14 ·22	3
	1 Thur. 2	4 ·16	15 ·30	4
	2 Fri. 3	5 ·20	16 ·37	5
	3 Sat. 4	6 ·24	17 ·42	6
	4 Sun. 5	7 ·23	18 ·44	7
	5 Mon. 6	8 ·21	19 ·45	8
	6 Tues. 7	9 ·17	20 ·44	9
	7 Wed. 8	10 ·12	21 ·41	10
	8 Thur. 9	11 ·05	22 ·37	11
		12 ·96		
	9 Fri. 10	13 ·87	23 ·31	12
	10 Sat. 11	14 ·77	24 ·25	13
	11 Sun. 12	P ·68	25 ·19	14
	12 Mon. 13	1 ·57	26 ·11	15
	13 Tues. 14	2 ·47	27 ·05	16
			1 ·98	
	14 Wed. 15	3 ·38	2 ·93	17
	15 Thur. 16	4 ·30	3 ·89	18
	16 Fri. 17	5 ·24	4 ·86	19
	17 Sat. 18	6 ·19	5 ·85	20
	18 Sun. 19	7 ·17	6 ·86	21
	19 Mon. 20	8 ·16	7 ·89	22
	20 Tues. 21	9 ·16	8 ·95	23
	21 Wed. 22	10 ·20	... ...	24
	22 Thur. 23	11 ·25	9 ·01	25
	23 Fri. 24	12 ·32	10 ·10	26
	24 Sat. 25	13 ·40	11 ·20	27
	25 Sun. 26	14 ·49	12 ·30	28
	26 Mon. 27	—A ·57	13 ·42	29
	27 Tues. 28	1 ·64	14 ·52	—30
	28 Wed. 29	2 ·71	15 ·61	1
	29 Thur. 30	3 ·76	16 ·68	2
	Oct.			
	—30 Fri. 1	4 ·80	17 ·73	3
	1 Sat. 2	5 ·79	18 ·76	4
	2 Sun. 3	6 ·78	19 ·78	5
	3 Mon. 4	7 ·74	20 ·77	6
	4 Tues. 5	8 ·69	21 ·74	7
	5 Wed. 6	9 ·61	22 ·70	8
	6 Thur. 7	10 ·52	23 ·65	9
	7 Fri. 8	11 ·43	24 ·59	10
	8 Sat. 9	12 ·33	25 ·52	11
	9 Sun. 10	13 ·24	26 ·45	12
	10 Mon. 11	14 ·14	27 ·38	13
	11 Tues. 12	P ·05	1 ·32	14
		1 ·96		
	12 Wed. 13	2 ·88	2 ·27	15
	13 Thur. 14	3 ·82	3 ·22	16
	14 Fri. 15	4 ·77	4 ·19	17
	15 Sat. 16	5 ·75	5 ·18	18
	16 Sun. 17	6 ·74	6 ·18	19
	17 Mon. 18	7 ·75	7 ·19	20
	18 Tues. 19	8 ·79	8 ·25	21
	19 Wed. 20	9 ·84	9 ·32	22
	20 Thur. 21	10 ·92	10 ·40	23
	21 Fri. 22	... ...	11 ·50	24
	22 Sat. 23	11 ·00	12 ·60	25
	23 Sun. 24	12 ·08	13 ·72	26
	24 Mon. 25	13 ·17	14 ·82	27
	25 Tues. 26	14 ·25	15 ·91	28
	26 Wed. 27	—A ·31	16 ·99	—29
	27 Thur. 28	1 ·36	... ...	1
	28 Fri. 29	2 ·39	17 ·04	2
	29 Sat. 30	3 ·38	18 ·09	3
	—30 Sun. 31	4 ·37	19 ·10	4

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
Jaya.				
Vṛiśchika—Kārttigai.	1 Mon. 1	5 ·33	20 ·10	5
	2 Tues. 2	6 ·28	21 ·08	6
	3 Wed. 3	7 ·21	22 ·04	7
			23 ·99	
	4 Thur. 4	8 ·13	24 ·93	8
	5 Fri. 5	9 ·04	25 ·86	9
		10 ·94		
	6 Sat. 6	11 ·85	26 ·79	10
	7 Sun. 7	12 ·74	27 ·73	11
	8 Mon. 8	13 ·65	1 ·66	12
	9 Tues. 9	14 ·57	2 ·60	13
	10 Wed. ○ 10	P ·50	3 ·56	14
	11 Thur. 11	1 ·43	4 ·52	15
	12 Fri. 12	2 ·38	5 ·50	16
	13 Sat. 13	3 ·37	6 ·50	17
	14 Sun. 14	4 ·36	7 ·53	18
	15 Mon. 15	5 ·38	8 ·56	19
	16 Tues. 16	6 ·40	9 ·62	20
	17 Wed. 17	7 ·47	10 ·70	21
	18 Thur. 18	8 ·54	11 ·80	22
	19 Fri. 19	9 ·63	12 ·91	23
	20 Sat. 20	10 ·71	... ...	24
	21 Sun. 21	11 ·80	13 ·02	25
	22 Mon. 22	12 ·88	14 ·12	26
	23 Tues. 23	13 ·94	15 ·21	27
	24 Wed. 24	14 ·99	16 ·29	28
	25 Thur. 25	... ...	17 ·36	29
	26 Fri. 26	—A ·02	18 ·40	—30
	27 Sat. 27	1 ·02	19 ·42	1
	28 Sun. 28	2 ·00	20 ·42	2
		3 ·96		
	29 Mon. 29	4 ·91	21 ·40	3
	—30 Tues. 30	5 ·83	22 ·38	4
	Dec.			
Jaya.				
Dhanus—Mārgali.	1 Wed. 1	6 ·75	23 ·33	5
	2 Thur. 2	7 ·67	24 ·27	6
	3 Fri. 3	8 ·57	25 ·20	7
	4 Sat. 4	9 ·47	26 ·13	8
	5 Sun. 5	10 ·38	27 ·07	9
	6 Mon. 6	11 ·28	1 ·00	10
			2 ·94	
	7 Tues. 7	12 ·19	3 ·89	11
	8 Wed. 8	13 ·13	4 ·85	12
	9 Thur. 9	14 ·07	5 ·82	13
	10 Fri. 10	P ·03	6 ·83	14
	11 Sat. 11	1 ·00	7 ·84	15
	12 Sun. 12	2 ·01	8 ·88	16
	13 Mon. 13	3 ·02	9 ·93	17
	14 Tues. 14	4 ·05	... ...	18
	15 Wed. 15	5 ·12	10 ·01	19
	16 Thur. 16	6 ·19	11 ·11	20
	17 Fri. 17	7 ·28	12 ·21	21
	18 Sat. 18	8 ·37	13 ·31	22
	19 Sun. 19	9 ·46	14 ·42	23
	20 Mon. 20	10 ·53	15 ·52	24
	21 Tues. 21	11 ·59	16 ·61	25
	22 Wed. 22	12 ·64	17 ·67	26
	23 Thur. 23	13 ·66	18 ·72	27
	24 Fri. 24	14 ·66	19 ·74	28
	25 Sat. 25	—A ·65	20 ·75	29
	26 Sun. 26	1 ·61	21 ·74	—30
	27 Mon. 27	2 ·55	22 ·71	1
	28 Tues. 28	3 ·48	23 ·66	2
	—29 Wed. 29	4 ·40	24 ·61	3
	1 Thur. 30	5 ·31	25 ·54	4
	2 Fri. 31	6 ·21	26 ·47	5

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1715. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·75.** **Śaka 1637.** **Kaliyuga 4816.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·66.** **(S. Cycle) Manmatha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Sat.	1	7 ·12	27 ·40	6	3	Tues.	1	7 ·00	5 ·82	6	2	Sun.	1	9 ·02	11 ·61	8
4	Sun.	2	8 ·02 / 9 ·92	1 ·34	7	4	Wed.	2	8 ·95 / 9 ·91	6 ·80	7	3	Mon.	2	10 ·09	12 ·71	9
5	Mon.	3	10 ·84	2 ·28	8	5	Thur.	3	10 ·89	7 ·80	8	4	Tues.	3	11 ·16	13 ·81	10
6	Tues.	4	11 ·77	3 ·22	9	6	Fri.	4	11 ·88	8 ·82	9	5	Wed.	4	12 ·24	14 ·92	11
7	Wed.	5	12 ·71	4 ·18	10	7	Sat.	5	12 ·91	9 ·87	10	6	Thur.	5	13 ·32	... ...	12
8	Thur.	6	13 ·67	5 ·15	11	8	Sun.	6	13 ·94	10 ·93	11	7	Fri.	6	14 ·40	15 ·03	13
9	Fri.	7	14 ·65	6 ·15	12	9	Mon.	7			12	8	Sat.○	7	P ·47	16 ·13	14
10	Sat.	8	P ·65	7 ·16	13	10	Tues.	8	14 ·00	11 ·01	13	9	Sun.	8	1 ·53	17 ·22	15
11	Sun.	9	1 ·66	8 ·19	14	11	Wed.	9	P ·08	12 ·10	14	10	Mon.	9	2 ·57	18 ·29	16
12	Mon.	10	2 ·71	9 ·24	15	12	Thur.	10	1 ·16	13 ·21	15	11	Tues.	10	3 ·58	19 ·33	17
13	Tues.	11	3 ·77	10 ·32	16	13	Fri.	11	2 ·26	14 ·32	16	12	Wed.	11	4 ·58	20 ·36	18
14	Wed.	12	4 ·84	11 ·41	17	14	Sat.	12	3 ·34	15 ·43	17	13	Thur.	12	5 ·55	21 ·37	19
15	Thur.	13	5 ·93	12 ·51	18	15	Sun.	13	4 ·41	16 ·52	18	14	Fri.	13	6 ·51	22 ·37	20
16	Fri.	14	... ...	13 ·61	19	16	Mon.	14	5 ·47	17 ·60	19	15	Sat.	14	7 ·44	23 ·34	21
17	Sat.	15	6 ·02	14 ·72	20	17	Tues.	15	6 ·50	18 ·66	20	16	Sun.	15	8 ·36	24 ·29	22
18	Sun.	16	7 ·11	15 ·83	21	18	Wed.	16	7 ·52	19 ·70	21	17	Mon.	16	9 ·27	25 ·24	23
19	Mon.	17	8 ·18	16 ·91	22	19	Thur.	17	8 ·51	20 ·72	22	18	Tues.	17	10 ·17	26 ·17	24
20	Tues.	18	9 ·24	17 ·98	23	20	Fri.	18	9 ·50	21 ·72	23	19	Wed.	18	11 ·08 / 12 ·97	27 ·11	25
21	Wed.	19	10 ·28	... ...	24	21	Sat.	19	10 ·44	22 ·70	24	20	Thur.	19	13 ·87	1 ·04 / 2 ·97	26
22	Thur.	20	11 ·31	18 ·03	25	22	Sun.	20	11 ·39	23 ·66	25	21	Fri.	20	14 ·77	3 ·91	27
23	Fri.	21	12 ·30	19 ·06	26	23	Mon.	21	12 ·31	24 ·62	26	22	Sat.	21	—A ·69	4 ·85	28
24	Sat.	22	13 ·29	20 ·08	27	24	Tues.	22	13 ·23	25 ·56	27	23	Sun.	22	1 ·61	5 ·81	29
25	Sun.	23	14 ·25	21 ·07	28	25	Wed.	23	14 ·13	26 ·50	28	24	Mon.	23	2 ·55	6 ·79	—30
26	Mon.	24	—A ·18	22 ·04	29	26	Thur.	24	A ·02 / 1 ·92	27 ·42	29	25	Tues.	24	3 ·51	7 ·78	1
27	Tues.	25	1 ·11	23 ·00 / 24 ·94	—30	27	Fri.	25	2 ·83	1 ·36	—30	26	Wed.	25	4 ·48	8 ·78	2
28	Wed.	26	2 ·03 / 3 ·94	25 ·88	1	28	Sat.	26	3 ·74	2 ·30	1	27	Thur.	26	5 ·47	9 ·81	3
29	Thur.	27	4 ·84	26 ·82	2	29	Sun.	27	4 ·65	3 ·23	2	28	Fri.	27	6 ·48	10 ·85	4
—30	Fri.	28	5 ·74	27 ·75	3	30	Mon.	28	5 ·58	4 ·18	3	29	Sat.	28	7 ·52	11 ·93	5
1	Sat.	29	6 ·65	1 ·68	4	—31	Tues.	29	6 ·52	5 ·15	4	30	Sun.	29	8 ·58	... ...	6
2	Sun.	30	7 ·55	2 ·61	5	1	Wed.	30	7 ·48	6 ·12	5	—31	Mon.	30	9 ·65	12 ·01	7
3	Mon.	31	8 ·47	3 ·56	6	2	Thur.	31	8 ·45	7 ·13	6	1	Tues.	31	10 ·73	13 ·11	8
	Feb.						**April.**						**June.**				
4	Tues.	1	9 ·40	4 ·52	7	3	Fri.	1	9 ·44	8 ·14	7	2	Wed.	1	11 ·81	14 ·22	9
5	Wed.	2	10 ·35	5 ·49	8	4	Sat.	2	10 ·47	9 ·18	8	3	Thur.	2	12 ·88	15 ·32	10
6	Thur.	3	11 ·31	6 ·47	9	5	Sun.	3	11 ·50	10 ·24	9	4	Fri.	3	13 ·95	16 ·43	11
7	Fri.	4	12 ·28	7 ·48	10	6	Mon.	4	12 ·57	11 ·31	10	5	Sat.	4	.. ...	17 ·52	12
8	Sat.	5	13 ·28	8 ·50	11	7	Tues.	5	13 ·64	12 ·40	11	6	Sun.	5	14 ·02	18 ·60	13
9	Sun.	6	14 ·30	9 ·56	12	8	Wed.	6	14 ·72	13 ·51	12	7	Mon.	6	P ·04	19 ·65	14
10	Mon.	7	P ·35	10 ·63	13	9	Thur.	7	P ·81	14 ·62	13	8	Tues.	7	1 ·06	20 ·68	15
11	Tues.	8	1 ·40	11 ·71	14	10	Fri.	8	1 ·89	15 ·73	14	9	Wed.	8	2 ·06	21 ·70	16
12	Wed.	9	2 ·48	12 ·81	15	11	Sat.	9	2 ·96	16 ·82	15	10	Thur.	9	3 ·04 / 4 ·99	22 ·69	17
13	Thur.	10	3 ·56	13 ·91	16	12	Sun.	10	·: ...	17 ·90	16	11	Fri.	10	5 ·93	23 ·66	18
14	Fri.	11	4 ·65	... ...	17	13	Mon.	11	3 ·02	18 ·98	17	12	Sat.	11	6 ·86	24 ·63	19
15	Sat.	12	5 ·73	14 ·03	18	14	Tues.	12	4 ·06	... ...	18	13	Sun.	12	7 ·76	25 ·57	20
16	Sun.	13	6 ·81	15 ·13	19	15	Wed.	13	5 ·06	19 ·02	19	14	Mon.	13	8 ·67	26 ·51	21
17	Mon.	14	7 ·88	16 ·22	20	16	Thur.	14	6 ·06	20 ·04	20	15	Tues.	14	9 ·57	27 ·45	22
18	Tues.	15	8 ·91	17 ·29	21	17	Fri.	15	7 ·04 / 8 ·99	21 ·04	21	16	Wed.	15	10 ·46	1 ·38	23
19	Wed.	16	9 ·93	18 ·35	22	18	Sat.	16	9 ·93	22 ·03	22	17	Thur.	16	11 ·36	2 ·31	24
20	Thur.	17	10 ·92	19 ·38	23	19	Sun.	17	10 ·85	23 ·00 / 24 ·96	23	18	Fri.	17	12 ·26	3 ·24	25
21	Fri.	18	11 ·91	20 ·40	24	20	Mon.	18	11 ·77	25 ·90	24	19	Sat.	18	13 ·17	4 ·19	26
22	Sat.	19	12 ·86	21 ·39	25	21	Tues.	19	12 ·67	26 ·84	25	20	Sun.	19	14 ·09	5 ·15	27
23	Sun.	20	13 ·80	22 ·37	26	22	Wed.	20	13 ·57	27 ·76	26	21	Mon.	20	A ·03 / 1 ·99	6 ·11	28
24	Mon.	21	14 ·73	23 ·33	27	23	Thur.	21	14 ·46	1 ·70	27	22	Tues.	21	2 ·95	7 ·10	—29
25	Tues.	22	—A ·64	24 ·28	28	24	Fri.●	22	—A ·36	2 ·63	28	23	Wed.	22	3 ·95	8 ·10	1
26	Wed.	23	1 ·55	25 ·23	—29	25	Sat.	23	1 ·27	3 ·57	—29	24	Thur.	23	4 ·96	9 ·12	2
27	Thur.	24	2 ·45	26 ·16	1	26	Sun.	24	2 ·18	4 ·52	1	25	Fri.	24	5 ·99	10 ·16	3
28	Fri.	25	3 ·36	27 ·09	2	27	Mon.	25	3 ·11	5 ·48	2	26	Sat.	25	... ...	11 ·23	4
—29	Sat.	26	4 ·26	1 ·02 / 2 ·95	3	28	Tues.	26	4 ·05	6 ·46	3	27	Sun.	26	6 ·05	12 ·31	5
1	Sun.	27	5 ·17	3 ·90	4	29	Wed.	27	5 ·01 / 6 ·98	7 ·45	4	28	Mon.	27	7 ·12	13 ·41	6
2	Mon.	28	6 ·08	4 ·85	5	30	Thur.	28	7 ·97	8 ·46	5	29	Tues.	28	8 ·19	14 ·51	7
						—31	Fri.	29	·: ...	9 ·49	6	30	Wed.	29	9 ·27	15 ·63	8
						1	Sat.	30	8 ·00	10 ·54	7	31	Thur.	30	10 ·36	16 ·73	9

Jaya. **Makara—Tai.** Pausha. Bahula. H. 1127 Muharram. Jaya. **Kumbha—Māsi.** Māgha. Bahula. H. 1127 Safar. Jaya. **Mīna—Paṅguni.** Phālguna. Bahula. H. 1127 Rabi-ul awwal. Manmatha. **Mēsha—Chittirai.** Chaitra. Bahula. H. 1127 Rabi-ul ākhir. Manmatha. **Vṛishabha—Vaigāśi.** Vaiśākha. Bahula. H. 1127 Jamāda'l awwal. Manmatha. **Mithuna—Āni.** Jyeshtha. Bahula. H. 1127 Jamāda'l ākhir. Manmatha. **Āshāḍha.** Sukla. H. 1127 Rajab.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1715. **Kollam 891,** { **N. Malabar—Sep.** **Hijra 1128.** **Vikrama 1772.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Dec. 16.** **Bengal San. 1121.**
P—Paurnimā. **(N. Cycle) Viśvāvasu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
—32	Fri.	1	11 ·42	17 ·83	10	—31	Thur.	1	14 ·43	24 ·63	13						
1	Sat.	2	12 ·49	18 ·90	11	1	Fri.	2	**P** ·35	25 ·59	14	1	Tues.	1	1 ·04	4 ·87	15
2	Sun.	3	13 ·52	19 ·96	12	2	Sat.	3	1 ·27	26 ·53	15	2	Wed.	2	2 ·94		
3	Mon.	4	14 ·55	... ...	13	3	Sun.	4	2 ·17	27 ·47	16	3	Thur.	3	3 ·86	5 ·81	16
4	Tues.	5	**P** ·54	20 ·01	14	4	Mon.	5	3 ·08	1 ·40	17	4	Fri.	4	4 ·78	6 ·77	17
5	Wed.	6	1 ·52	21 ·02	15				4 ·97			5	Sat.	5	5 ·72	7 ·74	18
6	Thur.	7	2 ·47	22 ·02	16	5	Tues.	6	5 ·87	2 ·33	18	6	Sun.	6	6 ·68	8 ·72	19
				23 ·00		6	Wed.	7	6 ·78	3 ·26	19	7	Mon.	7	7 ·65	9 ·72	20
7	Fri.	8	3 ·41	24 ·96	17	7	Thur.	8	7 ·69	4 ·20	20	8	Tues.	8	8 ·65	10 ·74	21
8	Sat.	9	4 ·33	25 ·91	18	8	Fri.	9	8 ·61	5 ·15	21	9	Wed.	9	9 ·66	11 ·79	22
9	Sun.	10	5 ·24	26 ·86	19	9	Sat.	10	9 ·54	6 ·10	22	10	Thur.	10	10 ·70	12 ·84	23
10	Mon.	11	6 ·15	27 ·79	20	10	Sun.	11	10 ·50	7 ·08	23	11	Fri.	11	11 ·76	13 ·92	24
11	Tues.	12	7 ·05	1 ·72	21	11	Mon.	12	11 ·47	8 ·07	24	12	Sat.	12	12 ·84	... ...	25
12	Wed.	13	8 ·95	2 ·63	22	12	Tues.	13	12 ·46	9 ·08	25	13	Sun.	13	13 ·92	14 ·02	26
13	Thur.	14	9 ·85	3 ·58	23	13	Wed.	14	13 ·47	10 ·11	26	14	Mon.	14	... ...	15 ·12	27
14	Fri.	15	10 ·75	4 ·53	24	14	Thur.	15	14 ·51	11 ·16	27	15	Tues.	15	14 ·01	16 ·24	28
15	Sat.	16	11 ·66	5 ·48	25	15	Fri.	16	—**A** ·57	12 ·23	28	—16	Wed.	16	**A** ·10	17 ·34	29
16	Sun.	17	12 ·57	6 ·44	26	16	Sat.	17	1 ·65	13 ·32	29	17	Thur.	17	1 ·17	18 ·43	—30
17	Mon.	18	13 ·51	7 ·42	27	17	Sun.	18	2 ·74	14 ·42	—30	18	Fri.	18	2 ·23	19 ·51	1
18	Tues.	19	14 ·47	8 ·42	28	18	Mon.	19	3 ·81	15 ·52	1	19	Sat.	19	3 ·29	20 ·57	2
19	Wed.	20	—**A** ·44	9 ·44	29	19	Tues.	20	4 ·88	16 ·63	2	20	Sun.	20	4 ·31	21 ·62	3
20	Thur.	21	1 ·43	10 ·47	—30	20	Wed.	21	5 ·95	17 ·73	3	21	Mon.	21	5 ·30	22 ·64	4
21	Fri.	22	2 ·44	11 ·54	1	21	Thur.	22	... ...	18 ·83	4	22	Tues.	22	6 ·28	23 ·64	5
22	Sat.	23	3 ·47	12 ·62	2	22	Fri.	23	6 ·02	19 ·90	5	23	Wed.	23	7 ·25	24 ·62	6
23	Sun.	24	4 ·52	13 ·71	3	23	Sat.	24	7 ·06	20 ·95	6	24	Thur.	24	8 ·19	25 ·59	7
24	Mon.	25	5 ·60	14 ·82	4	24	Sun.	25	8 ·08	21 ·98	7				9 ·13	26 ·54	8
25	Tues.	26	6 ·67	15 ·93	5	25	Mon.	26	9 ·09	22 ·99	8	25	Fri.	25	10 ·05	27 ·49	9
26	Wed.	27	7 ·76	... ...	6	26	Tues.	27	10 ·07	23 ·99	9				11 ·96		
27	Thur.	28	8 ·84	16 ·03	7	27	Wed.	28	11 ·04	24 ·96	10	26	Sat.	26	12 ·86	1 ·42	10
28	Fri.	29	9 ·91	17 ·13	8	28	Thur.	29	12 ·98	25 ·92	11	27	Sun.	27	13 ·76	2 ·35	11
29	Sat.	30	10 ·97	18 ·21	9	29	Fri.	30	13 ·90	26 ·87	12	28	Mon.	28	14 ·66	3 ·28	12
30	Sun.	31	11 ·99	19 ·27	10				14 ·83			29	Tues.	29	**P** ·56	4 ·21	13
			... ...									—30	Wed.	30	1 ·48	5 ·16	14
	Aug.						**Oct.**						**Dec.**				
—31	Mon.	1	12 ·02	20 ·32	11	30	Sat.	1	**P** ·73	27 ·80	13	1	Thur.	1	2 ·40	6 ·11	15
1	Tues.	2	13 ·02	21 ·35	12	—31	Sun.	2	1 ·64	1 ·74	14	2	Fri.	2	3 ·35	7 ·07	16
2	Wed.	3	14 ·01	22 ·34	13	1	Mon.	3	2 ·53	2 ·67	15	3	Sat.	3	4 ·30	8 ·04	17
3	Thur.	4	**P** ·96	23 ·32	14	2	Tues.	4	3 ·44	3 ·60	16	4	Sun.	4	5 ·29	9 ·04	18
4	Fri.	5	1 ·91	24 ·29	15	3	Wed.	5	4 ·34	4 ·54	17	5	Mon.	5	6 ·29	10 ·06	19
5	Sat.	6	2 ·83	25 ·25	16	4	Thur.	6	5 ·25	5 ·48	18	6	Tues.	6	7 ·30	11 ·09	20
6	Sun.	7	3 ·74	26 ·18	17	5	Fri.	7	6 ·18	6 ·44	19	7	Wed.	7	8 ·35	12 ·15	21
7	Mon.	8	4 ·65	27 ·13	18	6	Sat.	8	7 ·12	7 ·40	20	8	Thur.	8	9 ·41	13 ·23	22
			5 ·55	1 ·06		7	Sun.	9	8 ·07	8 ·39	21	9	Fri.	9	10 ·49	14 ·32	23
8	Tues.	9	6 ·44	2 ·99	19	8	Mon.	10	9 ·04	9 ·40	22	10	Sat.	10	11 ·57	15 ·43	24
9	Wed.	10	7 ·34	3 ·93	20	9	Tues.	11	10 ·04	10 ·42	23	11	Sun.	11	12 ·66	16 ·53	25
10	Thur.	11	8 ·25	4 ·86	21	10	Wed.	12	11 ·05	11 ·46	24	12	Mon.	12	13 ·75	17 ·64	26
11	Fri.	12	9 ·16	5 ·81	22	11	Thur.	13	12 ·09	12 ·54	25	13	Tues.	13	14 ·82	18 ·74	27
12	Sat.	13	10 ·09	6 ·77	23	12	Fri.	14	13 ·15	13 ·62	26	14	Wed.	14	—**A** ·88	19 ·82	28
13	Sun.	14	11 ·01	7 ·75	24	13	Sat.	15	14 ·22	14 ·72	27	15	Thur.	15	1 ·93	20 ·88	—29
			12 ·96			14	Sun.	16	—**A** ·30	15 ·82	28	16	Fri.	16	2 ·95	21 ·94	1
14	Mon.	15	13 ·94	8 ·75	25	15	Mon.	17	1 ·38	16 ·93	—29	17	Sat.	17	3 ·95	22 ·96	2
15	Tues.	16	14 ·93	9 ·76	26	16	Tues.	18	2 ·46	... ...	1	18	Sun.	18	4 ·94	23 ·97	3
16	Wed.	17	—**A** ·94	10 ·79	27	17	Wed.	19	3 ·55	17 ·04	2	19	Mon.	19	5 ·89	24 ·95	4
17	Thur.	18	1 ·98	11 ·85	28	18	Thur.	20	4 ·62	18 ·13	3	20	Tues.	20	6 ·83	25 ·92	5
18	Fri.	19	... ...	12 ·92	—29	19	Fri.	21	5 ·66	19 ·21	4	21	Wed.	21	7 ·77	26 ·88	6
19	Sat.	20	2 ·03	... ...	1	20	Sat.	22	6 ·68	20 ·26	5	22	Thur.	22	8 ·68	27 ·82	7
20	Sun.	21	3 ·09	13 ·02	2	21	Sun.	23	7 ·68	21 ·30	6	23	Fri.	23	9 ·59	1 ·76	8
21	Mon.	22	4 ·17	14 ·13	3	22	Mon.	24	8 ·66	22 ·32	7	24	Sat.	24	10 ·49	2 ·69	9
22	Tues.	23	5 ·26	15 ·23	4	23	Tues.	25	9 ·62	23 ·32	8	25	Sun.	25	11 ·40	3 ·62	10
23	Wed.	24	6 ·34	16 ·33	5	24	Wed.	26	10 ·58	24 ·29	9	26	Mon.	26	12 ·30	4 ·56	11
24	Thur.	25	7 ·42	17 ·43	6	25	Thur.	27	11 ·51	25 ·25	10	27	Tues.	27	13 ·21	5 ·50	12
25	Fri.	26	8 ·48	18 ·51	7	26	Fri.	28	12 ·42	26 ·20	11	28	Wed.	28	14 ·13	6 ·44	13
26	Sat.	27	9 ·52	19 ·59	8	27	Sat.	29	13 ·32	27 ·14	12	—29	Thur.	29	**P** ·05	7 ·40	14
27	Sun.	28	10 ·54	20 ·64	9	28	Sun.	30	14 ·22	1 ·08	13				1 ·99		
28	Mon.	29	11 ·53	21 ·66	10	—29	Mon.○	31	**P** ·13	2 ·01	14	1	Fri.	30	2 ·95	8 ·37	15
29	Tues.	30	12 ·52	22 ·67	11					3 ·94		2	Sat.	31	3 ·93	9 ·37	16
30	Wed.	31	13 ·47	23 ·65	12												

Mammatha. **Karkaṭaka—Ādi.** *Mammatha.* **Kanyā—Puraṭṭāśi.** *Mammatha.* **Tulā—Aippaśi.** *Mammatha.* **Vṛśchika—Kārttigai.** *Mammatha.* **Dhanus—Mārgaḷi.**

Mammatha. **Simha—Āvaṇi.** *Mammatha.* **Kanyā—Puraṭṭāśi.** *Mammatha.* **Tulā—Aippaśi.** *Mammatha.* **Vṛśchika—Kārttigai.** *Mammatha.* **Dhanus—Mārgaḷi.**

Śuklā. *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

H. 1127 *Rajab.* *H.* 1127 *Ramazān.* *H.* 1127 *Zi-l-ka'da.* *H.* 1127 *Shawwal.* *H.* 1127 *Zi-l-ka'da.* *H.* 1127 *Zi-l-hijja.* *H.* 1127 *Shaʻbān.* *H.* 1128 *Muharram.*

Bhādrapada. **Śrāvaṇa.** **Āśvina.** **Kārttika.** **Mārgaśirsha.** **Pausha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1716. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·01.** **Śaka 1638.** **Kaliyuga 4817.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·92.** **(S. Cycle) Durmukha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Manmatha. **Makara—Tai.** 3	Sun. 1	*Śukla.* **Pausha.** 4 ·94	10 ·38	17	3	Thur. 1	*Śukla.* **Phāl.** 4 ·39	15 ·32	18	3	Tues. 1	6 ·89	21 ·51	20
4	Mon. 2	5 ·96	11 ·41	18	4	Fri. 2	5 ·48	16 ·43	19	4	Wed. 2	7 ·90	22 ·55	21
5	Tues. 3	... ...	12 ·46	19	5	Sat. 3	6 ·56	17 ·54	20	5	Thur. 3	8 ·89	23 ·58	22
6	Wed. 4	6 ·00	13 ·53	20	6	Sun. 4	7 ·65	18 ·65	21	6	Fri. 4	9 ·87	24 ·59	23
7	Thur. 5	7 ·05	14 ·63	21	7	Mon. 5	8 ·71	19 ·74	22	7	Sat. 5	10 ·82	25 ·58	24
8	Fri. 6	8 ·13	15 ·73	22	8	Tues. 6	9 ·76	20 ·82	23	8	Sun. 6	11 ·74	26 ·55	25
9	Sat. 7	9 ·23	16 ·83	23	9	Wed. 7	10 ·80	21 ·88	24	9	Mon. 7	12 ·67	27 ·51	26
10	Sun. 8	10 ·32	17 ·94	24	10	Thur. 8	11 ·81	22 ·92	25	10	Tues. 8	13 ·58	1 ·46	27
11	Mon. 9	11 ·40	... ...	25	11	Fri. 9	12 ·82	23 ·94	26	11	Wed. 9	14 ·49	2 ·39	28
12	Tues. 10	12 ·47	18 ·04	26	12	Sat. 10	13 ·80	24 ·94	27	12	Thur. 10	—**A** ·39	3 ·32	29
13	Wed. 11	13 ·53	19 ·12	27	13	Sun. 11	14 ·75	25 ·92	28	13	Fri. 11	1 ·29	4 ·25	—30
14	Thur. 12	14 ·58	20 ·20	28	14	Mon. 12	—**A** ·68	26 ·88	29	14	Sat. 12	2 ·18	5 ·19	1
15	Fri. 13	—**A** ·59	21 ·25	29	15	Tues. 13	1 ·61	27 ·83	—30	15	Sun. 13	3 ·09 / 4 ·99	6 ·13	2
16	Sat. 14	1 ·59	22 ·28	—30	16	Wed. 14	2 ·52	1 ·78	1	16	Mon. 14	5 ·92	7 ·07	3
17	Sun. 15	2 ·58	23 ·29	1	17	Thur. 15	3 ·43	2 ·71	2	17	Tues. 15	6 ·87	8 ·03	4
18	Mon. 16	3 ·53	24 ·28	2	18	Fri. 16	4 ·32	3 ·64	3				9 ·00	
19	Tues. 17	4 ·47	25 ·26	3	19	Sat. 17	5 ·22	4 ·57	4	18	Wed. 16	7 ·83	10 ·99	5
20	Wed. 18	5 ·40	26 ·22	4	20	Sun. 18	6 ·13	5 ·51	5					
21	Thur. 19	6 ·32	27 ·16	5	21	Mon. 19	7 ·03 / 8 ·95	6 ·44	6	19	Thur. 17	8 ·81	... ...	6
22	Fri. 20	7 ·22	1 ·10	6						20	Fri. 18	9 ·79	11 ·00	7
23	Sat. 21	8 ·11	2 ·03 / 3 ·97	7	22	Tues. 20	9 ·88	7 ·40	7	21	Sat. 19	10 ·81	12 ·02	8
					23	Wed. 21	10 ·82	8 ·36	8	22	Sun. 20	11 ·86	13 ·07	9
24	Sun. 22	9 ·02 / 10 ·02	4 ·90	8	24	Thur. 22	11 ·78	9 ·34	9	23	Mon. 21	12 ·91	14 ·14	10
					25	Fri. 23	12 ·76	10 ·34	10	24	Tues. 22	13 ·98	15 ·23	11
25	Mon. 23	11 ·84	5 ·83	9	26	Sat. 24	13 ·76	11 ·36	11	25	Wed. 23	... ...	16 ·33	12
26	Tues. 24	12 ·75	6 ·77	10	27	Sun. 25	14 ·78	12 ·40	12	26	Thur. 24	14 ·06	17 ·44	13
27	Wed. 25	13 ·69	7 ·73	11	28	Mon. 26	**P** ·83	13 ·46	13	27	Fri. 25	**P** ·15	18 ·54	14
28	Thur. 26	14 ·63	8 ·71	12	29	Tues. 27	1 ·88	14 ·53	14	28	Sat. 26	1 ·23	19 ·65	15
29	Fri. 27	**P** ·59	9 ·69	13	—30	Wed. 28	2 ·96	15 ·62	15	29	Sun. 27	2 ·30	20 ·73	16
—30	Sat. 28	1 ·57	10 ·70	14	1	Thur. 29	... ...	16 ·73	16	30	Mon. 28	3 ·34	21 ·81	17
1	Sun. 29	2 ·57	11 ·72	15	2	Fri. 30	3 ·05	17 ·84	17	—31	Tues. 29	4 ·38	22 ·87	18
2	Mon. 30	3 ·59	12 ·77	16	3	Sat. 31	4 ·12	18 ·95	18	1	Wed. 30	5 ·39	23 ·90	19
3	Tues. 31	4 ·64	13 ·83	17						2	Thur. 31	6 ·38	24 ·91	20
	Feb.					**April.**					**June.**			
Manmatha. **Kumbha—Māgh.** 4	Wed. 1	5 ·69	14 ·93	18	4	Sun. 1	5 ·21	... ...	19	3	Fri. 1	*Bahula.* 7 ·36	25 ·90	21
5	Thur. 2	6 ·77	... ...	19	5	Mon. 2	6 ·27	19 ·04	20	4	Sat. 2	8 ·31	26 ·89	22
6	Fri. 3	*Bahula.* 7 ·87	15 ·02	20	6	Tues. 3	7 ·33	20 ·13	21	5	Sun. 3	9 ·25	27 ·84	23
7	Sat. 4	8 ·95	16 ·13	21	7	Wed. 4	8 ·37	21 ·19	22	6	Mon. 4	10 ·17	1 ·79	24
8	Sun. 5	... ...	17 ·24	22	8	Thur. 5	9 ·38	22 ·24	23			11 ·08		
9	Mon. 6	9 ·03	18 ·34	23	9	Fri. 6	10 ·37	23 ·26	24	7	Tues. 5	12 ·98	2 ·73	25
10	Tues. 7	10 ·11	19 ·44	24	10	Sat. 7	11 ·35	24 ·26	25	8	Wed. 6	13 ·88	3 ·67	26
11	Wed. 8	11 ·17	20 ·51	25	11	Sun. 8	12 ·30	25 ·25	26	9	Thur. 7	14 ·78	4 ·60	27
12	Thur. 9	12 ·22	21 ·57	26	12	Mon. 9	13 ·23	26 ·21	27	10	Fri. 8	—**A** ·67	5 ·53	28
13	Fri. 10	13 ·22	22 ·60	27	13	Tues. 10	14 ·16	27 ·17	28	11	Sat. 9	1 ·58	6 ·46	—29
14	Sat. 11	14 ·22	23 ·61	28	14	Wed.● 11	**A** ·07 / 1 ·97	1 ·12	—29	12	Sun. 10	2 ·49	7 ·40	1
15	Sun. 12	—**A** ·20	24 ·60	—29						13	Mon. 11	3 ·41	8 ·36	2
16	Mon. 13	1 ·15	25 ·59	1	15	Thur. 12	2 ·87	2 ·05 / 3 ·98	1	14	Tues. 12	4 ·35	9 ·34	3
17	Tues. 14	2 ·09	26 ·55	2						15	Wed. 13	5 ·30	10 ·32	4
18	Wed. 15	3 ·02 / 4 ·93	27 ·50	3	16	Fri. 13	3 ·77	4 ·91	2	16	Thur. 14	6 ·28	11 ·32	5
					17	Sat. 14	4 ·67	5 ·84	3	17	Fri. 15	7 ·27	12 ·34	6
19	Thur. 16	5 ·84	1 ·43	4	18	Sun. 15	5 ·57	6 ·79	4	18	Sat. 16	8 ·30	13 ·38	7
20	Fri. 17	6 ·74	2 ·37	5	19	Mon. 16	6 ·49	7 ·74	5	19	Sun. 17	9 ·32	14 ·46	8
21	Sat. 18	7 ·64	3 ·31	6	20	Tues. 17	7 ·42	8 ·69	6	20	Mon. 18	10 ·38	15 ·54	9
22	Sun. 19	8 ·55	4 ·23	7	21	Wed. 18	8 ·36	9 ·67	7	21	Tues. 19	11 ·45	16 ·63	10
23	Mon. 20	9 ·45	5 ·17	8	22	Thur. 19	9 ·31	10 ·66	8	22	Wed. 20	12 ·53	17 ·74	11
24	Tues. 21	10 ·36	6 ·11	9	23	Fri. 20	10 ·30	11 ·67	9	23	Thur. 21	13 ·61	18 ·84	12
25	Wed. 22	11 ·29	7 ·07	10	24	Sat. 21	11 ·29	12 ·71	10	24	Fri. 22	14 ·69	19 ·95	13
26	Thur. 23	12 ·23	8 ·04	11	25	Sun. 22	12 ·31	13 ·76	11	25	Sat. 23	**P** ·77	... ...	14
27	Fri. 24	13 ·20	9 ·02	12	26	Mon. 23	13 ·36	14 ·83	12	26	Sun. 24	1 ·82	20 ·05	15
28	Sat. 25	14 ·18	10 ·02	13	27	Tues. 24	14 ·41	15 ·92	13	27	Mon. 25	2 ·86	21 ·12	16
29	Sun. 26	**P** ·19	11 ·04	14	28	Wed. 25	**P** ·48	... ...	14	28	Tues. 26	3 ·87	22 ·18	17
—30	Mon. 27	1 ·21	12 ·08	15	29	Thur. 26	1 ·56	16 ·03	15	29	Wed. 27	4 ·88	23 ·22	18
1	Tues. 28	2 ·25	13 ·15	16	30	Fri. 27	2 ·65	17 ·14	16	30	Thur. 28	5 ·83	24 ·23	19
2	Wed. 29	3 ·31	14 ·23	17	—31	Sat. 28	3 ·73	18 ·25	17	31	Fri. 29	6 ·79	25 ·24	20
					1	Sun. 29	4 ·80	19 ·34	18	—32	Sat. 30	7 ·72	26 ·23	21
					2	Mon. 30	5 ·85	20 ·43	19					

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1716. **Kollam 892,** { **N. Malabar—Sep.** **Hijra 1129.** **Vikrama 1773.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Dec. 5.** **Bengal San. 1122.**
P—Paurnimā. **(N. Cycle) Parābhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Sun.	1		27 ·18	22	1	Sat.	1	12 ·91	8 ·37	25	1	Thur.	1	14 ·99	14 ·00	27
2	Mon.	2	9 ·56	1 ·13	23	2	Sun.	2	13 ·86	9 ·32	26	2	Fri.	2	... ...	15 ·07	28
3	Tues.	3	10 ·46	2 ·07	24	3	Mon.	3	14 ·80	10 ·29	27	3	Sat.	3	—A ·06	16 ·14	29
4	Wed.	4	11 ·36	3 ·01 4 ·94	25	4	Tues.	4	—A ·78	11 ·28	28	4	Sun.	4	1 ·14	17 ·24	—30
5	Thur.	5	12 ·25	5 ·87	26	5	Wed.	5	1 ·78	12 ·30	29	5	Mon.	5	2 ·22	18 ·34	1
6	Fri.	6	13 ·15	6 ·80	27	6	Thur.	6	2 ·79	13 ·33	—30	6	Tues.	6	3 ·31	19 ·45	2
7	Sat.	7	14 ·05 A ·96	7 ·74	H. 1128 *Rajab.* 28	7	Fri.	7	3 ·82	14 ·38	1	7	Wed.	7	4 ·39	20 ·55	3
8	Sun.	8	1 ·89	8 ·70	29	8	Sat.	8	4 ·87	15 ·44	2	8	Thur.	8	5 ·47	21 ·65	4
9	Mon.	9	2 ·83	9 ·66	—30	9	Sun.	9	5 ·95	16 ·53	3	9	Fri.	9	6 ·53	22 ·73	5
10	Tues.	10	3 ·78	10 ·64	1	10	Mon.	10	... ...	17 ·64	4	10	Sat.	10	7 ·58	23 ·79	6
11	Wed.	11	4 ·76	11 ·64	2	11	Tues.	11	6 ·06	18 ·75	5	11	Sun.	11	8 ·59	24 ·83	7
12	Thur.	12	5 ·75	12 ·65	3	12	Wed.	12	7 ·11	19 ·85	6	12	Mon.	12	9 ·59	25 ·85	8
13	Fri.	13	6 ·77	13 ·69	4	13	Thur.	13	8 ·19	20 ·95	7	13	Tues.	13	10 ·57	26 ·86	9
14	Sat.	14	7 ·80	14 ·76	5	14	Fri.	14	9 ·26	... ...	8	14	Wed.	14	11 ·53	27 ·84	10
15	Sun.	15	8 ·86	15 ·84	6	15	Sat.	15	10 ·33	21 ·04	9	15	Thur.	15	12 ·48	1 ·80	11
16	Mon.	16	9 ·92	16 ·93	7	16	Sun.	16	11 ·37	22 ·12	10	16	Fri.	16	13 ·41	2 ·76	12
17	Tues.	17	... ...	... ...	8	17	Mon.	17	12 ·39	23 ·17	11	17	Sat.	17	14 ·33	3 ·70	13
18	Wed.	18	10 ·00	17 ·03	9	18	Tues.	18	13 ·39	24 ·20	12	18	Sun.	18	P ·23	4 ·64	14
19	Thur.	19	11 ·09	18 ·15	10	19	Wed.	19	14 ·37	25 ·21	13	19	Mon.	19	1 ·14	5 ·56	15
20	Fri.	20	12 ·17	19 ·25	11	20	Thur.	20	P ·33	26 ·20	14	20	Tues.	20	2 ·03 3 ·94	6 ·50	16
21	Sat.	21	13 ·24	20 ·35	12	21	Fri.	21	1 ·27	27 ·18	15						
22	Sun.	22	14 ·29	21 ·43	13	22	Sat.	22	2 ·20	1 ·15	16	21	Wed.	21	4 ·85	7 ·43	17
23	Mon.	23	P ·33	22 ·49	14	23	Sun.	23	3 ·11	2 ·09	17	22	Thur.	22	5 ·76	8 ·37	18
24	Tues.	24	1 ·35	23 ·53	15	24	Mon.	24	4 ·02 5 ·93	3 ·02 4 ·95	18	23	Fri.	23	6 ·68	9 ·33	19
25	Wed.	25	2 ·35	24 ·56	16	25	Tues.	25	6 ·83	5 ·88	19	24	Sat.	24	7 ·63	10 ·29	20
26	Thur.	26	3 ·31	25 ·56	17	26	Wed.	26	7 ·72	6 ·82	20	25	Sun.	25	8 ·59	11 ·26	21
27	Fri.	27	4 ·28	26 ·54	18	27	Thur.	27	8 ·62	7 ·76	21	26	Mon.	26	9 ·57	12 ·26	22
28	Sat.	28	5 ·22	27 ·51	19	28	Fri.	28	9 ·54	8 ·70	22	27	Tues.	27	10 ·57	13 ·27	23
29	Sun.	29	6 ·14	1 ·46	20	29	Sat.	29	10 ·47	9 ·65	23	28	Wed.	28	11 ·60	14 ·32	24
30	Mon.	30	7 ·05 8 ·95	2 ·41	21	30	Sun.	30	11 ·41	10 ·62	24	—29	Thur.	29	12 ·64	15 ·37	25
—31	Tues.	31	9 ·86	3 ·35	22							1	Fri.	30	13 ·70	16 ·45	26
	Aug.						**Oct.**						**Dec.**				
1	Wed.	1	10 ·75	4 ·28	23	—31	Mon.	1	12 ·36	11 ·61	25	2	Sat.	1	14 ·78	17 ·54	27
2	Thur.	2	11 ·66	5 ·20	24	1	Tues.	2	13 ·35	12 ·62	26	3	Sun.	2	—A ·87	18 ·64	28
3	Fri.	3	12 ·56	6 ·14	25	2	Wed.	3	14 ·34	13 ·64	27	4	Mon.	3	1 ·96	19 ·75	29
4	Sat.	4	13 ·47	7 ·08	26	3	Thur.	4	—A ·35	14 ·69	28	5	Tues.	4	... ...	20 ·85	—30
5	Sun.	5	14 ·39	8 ·03 9 ·99	27	4	Fri.	5	1 ·39	15 ·75	—29	6	Wed.	5	2 ·04	21 ·95	1
6	Mon.	6	—A ·32	10 ·97	28	5	Sat.	6	2 ·45	16 ·83	1	7	Thur.	6	3 ·11	... ...	2
7	Tues.	7	1 ·28	11 ·96	—29	6	Sun.	7	3 ·52	17 ·94	2	8	Fri.	7	4 ·17	22 ·04	3
8	Wed.	8	2 ·25	12 ·97	1	7	Mon.	8	4 ·60	... ...	3	9	Sat.	8	5 ·22	23 ·10	4
9	Thur.	9	3 ·25	... ...	2	8	Tues.	9	5 ·69	18 ·04	4	10	Sun.	9	6 ·28	24 ·15	5
10	Fri.	10	4 ·26	13 ·00	3	9	Wed.	10	6 ·77	19 ·15	5	11	Mon.	10	7 ·23	25 ·18	6
11	Sat.	11	5 ·30	14 ·07	4	10	Thur.	11	7 ·86	20 ·25	6	12	Tues.	11	8 ·20	26 ·19	7
12	Sun.	12	6 ·36	15 ·14	5	11	Fri.	12	8 ·92	21 ·35	7	13	Wed.	12	9 ·17	27 ·17	8
13	Mon.	13	7 ·42	16 ·23	6	12	Sat.	13	9 ·95	22 ·44	8	14	Thur.	13	10 ·11	1 ·13	9
14	Tues.	14	8 ·50	17 ·33	7	13	Sun.	14	10 ·98	23 ·48	9	15	Fri.	14	11 ·04 12 ·96	2 ·09	10
15	Wed.	15	9 ·58	18 ·45	8	14	Mon.	15	11 ·97	24 ·52	10						
16	Thur.	16	10 ·67	19 ·55	9	15	Tues.	16	12 ·95	25 ·53	11	16	Sat.	15	13 ·86	3 ·04 4 ·98	11
17	Fri.	17	11 ·74	20 ·65	10	16	Wed.	17	13 ·91	26 ·53	12	17	Sun.	16	14 ·77	5 ·91	12
18	Sat.	18	12 ·80	21 ·73	11	17	Thur.	18	14 ·86	27 ·50	13	18	Mon.	17	P ·67	6 ·84	13
19	Sun.	19	13 ·83	22 ·80	12	18	Fri.	19	P ·79	1 ·47	14	19	Tues.	18	1 ·58	7 ·77	14
20	Mon.	20	14 ·85	23 ·86	13	19	Sat.	20	1 ·70	2 ·42	15	20	Wed.	19	2 ·48	8 ·72	15
21	Tues.	21	P ·85	24 ·88	14	20	Sun.	21	2 ·61	3 ·36	16	21	Thur.	20	3 ·40	9 ·66	16
22	Wed.	22	1 ·82	25 ·89	15	21	Mon.	22	3 ·51	4 ·29	17	22	Fri.	21	4 ·33	10 ·62	17
23	Thur.	23	2 ·79	26 ·87	16	22	Tues.	23	4 ·41	5 ·23	18	23	Sat.	22	5 ·27	11 ·59	18
24	Fri.	24	3 ·73	27 ·84	17	23	Wed.	24	5 ·31	6 ·16	19	24	Sun.	23	6 ·23	12 ·58	19
25	Sat.	25	4 ·66	1 ·81	18	24	Thur.	25	6 ·23	7 ·09	20	25	Mon.	24	7 ·22	13 ·59	20
26	Sun.	26	5 ·57	2 ·75	19	25	Fri.	26	7 ·14	8 ·02 9 ·98	21	26	Tues.	25	8 ·22	14 ·63	21
27	Mon.	27	6 ·47	3 ·68	20	26	Sat.	27	8 ·07	10 ·96	22	27	Wed.	26	9 ·24	15 ·68	22
28	Tues.	28	7 ·37	4 ·61	21	27	Sun.	28	9 ·01 10 ·95	11 ·94	23	28	Thur.	27	10 ·30	16 ·75	23
29	Wed.	29	8 ·26	5 ·54	22	28	Mon.	29	11 ·95	12 ·94	24	29	Fri.	28	11 ·37	17 ·84	24
30	Thur.	30	9 ·17	6 ·47	23	29	Tues.	30	12 ·94	13 ·96	25	—30	Sat.	29	12 ·44	18 ·95	25
—31	Fri.	31	10 ·07 11 ·99	7 ·42	24	—30	Wed.	31	13 ·96	... ...	26	1	Sun.	30	13 ·52	... ...	26
												2	Mon.	31	14 ·60	19 ·05	27

Durmukha. **Karkataka—Ādi.** *Śukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Durmukha.* **Siṁha—Āvani.** *Durmukha.* **Kanyā—Purattāsi.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Durmukha.* **Tulā—Aippasi.** *Sukla.* **Mārgasīrsha.** *Bahula.* **Pausha.** *Durmukha.* **Vriśchika—Kārttigai.** *Sukla.* **Mārgali.** *Durmukha.* **Dhanus—Mārgali.** *Bahula.* **Pausha.**

H. 1128 *Śha'bān.* *H.* 1128 *Ramazān.* *H.* 1128 *Shawwāl.* *H.* 1128 *Zi-l-ka'da.* *H.* 1129 *Muharram.*

.13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1717. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·27.** **Śaka 1639.** **Kaliyuga 4818.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·18.** **(S. Cycle) Hemalamba.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Tues.	1	—**A** ·69	20 ·16	28	3	Fri.	1	14 ·11	24 ·10	28	3	Wed.	1	2 ·90	4 ·67	—30
4	Wed.	2	1 ·77	21 ·26	29	4	Sat.	2	—**A** ·12	25 ·14	29	4	Thur.	2	3 ·80	5 ·61	1
5	Thur.	3	2 ·83	22 ·34	—30	5	Sun.	3	1 ·11	26 ·15	—30	5	Fri.	3	4 ·70	6 ·54	2
6	Fri	4	3 ·86	23 ·41	1	6	Mon.	4	2 ·08	27 ·16	1	6	Sat.	4	5 ·60	7 ·47	3
7	Sat.	5	4 ·87	24 ·46	2	7	Tues.	5	3 ·03 / 4 ·98	1 ·14	2	7	Sun.	5	6 ·49	8 ·40	4
8	Sun.	6	5 ·88	25 ·50	3							8	Mon.	6	7 ·40	9 ·35	5
9	Mon.	7	6 ·85	26 ·51	4	8	Wed.	6	5 ·90	2 ·10	3	9	Tues.	7	8 ·31	10 ·29	6
10	Tues.	8	7 ·81	27 ·50	5	9	Thur.	7	6 ·81	3 ·05 / 4 ·99	4	10	Wed.	8	9 ·24	11 ·24	7
11	Wed.	9	8 ·76	1 ·47	6							11	Thur.	9	10 ·19	12 ·21	8
12	Thur.	10	9 ·69	2 ·44	7	10	Fri.	8	7 ·72	5 ·93	5	12	Fri.	10	11 ·14	13 ·20	9
13	Fri.	11	10 ·59	3 ·38	8	11	Sat.	9	8 ·61	6 ·86	6	13	Sat.	11	12 ·12	14 ·21	10
14	Sat.	12	11 ·49	4 ·32	9	12	Sun.	10	9 ·52	7 ·80	7	14	Sun.	12	13 ·12	15 ·24	11
15	Sun.	13	12 ·40	5 ·25	10	13	Mon.	11	10 ·42	8 ·73	8	15	Mon.	13	14 ·15	16 ·29	12
16	Mon.	14	13 ·30	6 ·17	11	14	Tues.	12	11 ·34	9 ·66	9	16	Tues.	14	**P** ·18	17 ·36	13
17	Tues.	15	14 ·21	7 ·12	12	15	Wed.	13	12 ·25	10 ·61	10	17	Wed.	15	1 ·24	18 ·45	14
18	Wed	16	**P** ·11	8 ·05 / 9 ·99	13	16	Thur.	14	13 ·17	11 ·59	11	18	Thur.	16	2 ·31	19 ·55	15
						17	Fri.	15	14 ·12	12 ·56	12	19	Fri.	17	3 ·40	20 ·66	16
19	Thur.	17	1 ·04 / 2 ·97	10 ·95	14	18	Sat ○	16	**P** ·08	13 ·56	13	20	Sat.	18	4 ·47	21 ·77	17
						19	Sun.	17	1 ·07	14 ·57	14	21	Sun.	19	5 ·56	22 ·87	18
20	Fri.	18	3 ·92	11 ·92	15	20	Mon.	18	2 ·06	15 ·61	15	22	Mon.	20	6 ·63	23 ·95	19
21	Sat.	19	4 ·88	12 ·91	16	21	Tues.	19	3 ·10	16 ·67	16	23	Tues.	21	7 ·66	.. ...	20
22	Sun.	20	5 ·86	13 ·92	17	22	Wed.	20	4 ·14	17 ·75	17	24	Wed.	22	8 ·70	24 ·04	21
23	Mon.	21	6 ·86	14 ·94	18	23	Thur.	21	5 ·19	18 ·84	18	25	Thur.	23	9 ·71	25 ·09	22
24	Tues.	22	7 ·88	15 ·99	19	24	Fri.	22	6 ·27	19 ·95	19	26	Fri.	24	10 ·71	26 ·12	23
25	Wed.	23	8 ·93	... ...	20	25	Sat.	23	7 ·36	... ...	20	27	Sat.	25	11 ·67	27 ·13	24
26	Thur.	24	... ...	16 ·05	21	26	Sun.	24	8 ·45	20 ·06	21	28	Sun.	26	12 ·63	1 ·12	25
27	Fri.	25	9 ·00	17 ·15	22	27	Mon.	25	9 ·53	21 ·17	22	29	Mon.	27	13 ·57	2 ·10	26
28	Sat.	26	10 ·08	18 ·25	23	28	Tues.	26	10 ·60	22 ·26	23	30	Tues.	28	14 ·50	3 ·06	27
—29	Sun.	27	11 ·16	19 ·35	24	29	Wed.	27	11 ·65	23 ·34	24	31	Wed.	29	—**A** ·40	4 ·01 / 5 ·95	28
1	Mon.	28	12 ·24	20 ·46	25	—30	Thur.	28	12 ·69	24 ·41	25	—32	Thur.	30	1 ·30	6 ·88	—29
2	Tues.	29	13 ·34	21 ·56	26	1	Fri.	29	13 ·69	25 ·45	26	1	Fri.	31	2 ·19	7 ·81	1
3	Wed.	30	14 ·41	22 ·65	27	2	Sat.	30	14 ·68	26 ·47	27						
4	Thur.	31	—**A** ·47	23 ·73	28	3	Sun.	31	—**A** ·65	27 ·47	28		**June.**				
	Feb.						**April.**										
5	Fri.	1	1 ·49	24 ·79	—29	4	Mon.	1	1 ·59	1 ·46	—29	2	Sat.	1	3 ·09 / 4 ·99	8 ·74	2
6	Sat.	2	2 ·51	25 ·82	1	5	Tues.	2	2 ·54	2 ·43	1						
7	Sun.	3	3 ·51	26 ·83	2	6	Wed.	3	3 ·46	3 ·39	2	3	Sun.	2	5 ·90	9 ·68	3
8	Mon.	4	4 ·48	27 ·82	3	7	Thur.	4	4 ·38	4 ·34	3	4	Mon.	3	6 ·82	10 ·62	4
9	Tues.	5	5 ·43	1 81	4	8	Fri.	5	5 ·28	5 ·27	4	5	Tues.	4	7 ·73	11 ·58	5
10	Wed.	6	6 ·37	2 ·77	5	9	Sat.	6	6 ·17	6 ·20	5	6	Wed.	5	8 ·67	12 ·54	6
11	Thur.	7	7 ·31	3 ·72	6				7 ·08			7	Thur.	6	9 ·63	13 ·53	7
12	Fri.	8	8 ·22	4 ·65	7	10	Sun.	7	8 ·97	7 ·13	6	8	Fri	7	10 ·61	14 ·54	8
13	Sat.	9	9 ·13	5 ·59	8	11	Mon.	8	9 ·89	8 ·06	7	9	Sat.	8	11 60	15 ·56	9
14	Sun.	10	10 ·02 / 11 ·93	6 ·52	9	12	Tues.	9	10 ·80	9 ·00 / 10 ·96	8	10	Sun.	9	12 ·62	16 ·60	10
15	Mon.	11	12 ·83	7 ·45	10	13	Wed.	10	11 ·73	11 ·91	9	11	Mon.	10	13 ·66	17 ·67	11
16	Tues.	12	13 ·74	8 ·39	11	14	Thur.	11	12 ·66	12 ·89	10	12	Tues.	11	14 ·71	18 ·76	12
17	Wed.	13	14 ·66	9 ·33	12	15	Fri.	12	13 ·63	13 ·88	11	13	Wed.	12	**P** ·78	19 ·86	13
18	Thur.	14	**P** 58	10 ·28	13	16	Sat.	13	14 61	14 ·89	12	14	Thur.	13	1 ·87	20 ·96	14
19	Fri.	15	1 ·54	11 ·23	14	17	Sun.	14	**P** ·60	15 ·92	13	15	Fri.	14	2 ·95	... ...	15
20	Sat	16	2 ·49	12 ·24	15	18	Mon.	15	1 ·64	16 ·98	14	16	Sat.	15	... ...	21 ·06	16
21	Sun.	17	3 ·48	13 ·24	16	19	Tues.	16	2 ·68	... ...	15	17	Sun.	16	3 ·03	22 ·17	17
22	Mon.	18	4 ·48	14 ·26	17	20	Wed.	17	3 ·74	17 ·06	16	18	Mon.	17	4 ·10	23 ·26	18
23	Tues.	19	5 ·51	15 ·30	18	21	Thur.	18	4 ·82	18 ·14	17	19	Tues.	18	5 ·15	24 ·33	19
24	Wed.	20	6 ·56	16 ·35	19	22	Fri.	19	5 ·90	19 ·24	18	20	Wed.	19	6 ·18	25 ·40	20
25	Thur.	21	7 ·62	17 ·44	20	23	Sat.	20	6 ·98	20 ·36	19	21	Thur.	20	7 ·20	26 ·44	21
26	Fri.	22	8 ·70	18 ·54	21	24	Sun.	21	.. ..	21 ·47	20	22	Fri.	21	8 ·19	27 ·45	22
27	Sat.	23	9 78	19 ·65	22	25	Mon	22	7 ·05	22 ·57	21	23	Sat.	22	9 ·15	1 ·45	23
28	Sun.	24	10 ·87	20 ·76	23	26	Tues.	23	8 ·13	23 ·65	22	24	Sun.	23	10 ·11	2 ·44	24
29	Mon.	25	11 ·96	21 ·86	24	27	Wed.	24	9 ·18	24 ·72	23	25	Mon.	24	11 ·05 / 12 ·97	3 ·40	25
—30	Tues.	26	... ...	22 ·96	25	28	Thur.	25	10 ·22	25 ·78	24	26	Tues.	25	13 ·87	4 ·35	26
1	Wed.	27	12 ·02	... ..	26	29	Fri.	26	11 ·22	26 ·80	25	27	Wed.	26	14 ·78	5 ·29	27
2	Thur.	28	13 ·08	23 ·04	27	30	Sat.	27	12 ·21	27 ·81	26	28	Thur.	27	—**A** ·67	6 ·22	28
						—31	Sun.	28	13 ·18	1 ·79	27	29	Fri.	28	1 ·57	7 ·16	29
						1	Mon.	29	14 ·12	2 ·76	28	30	Sat.	29	2 ·47	8 ·09	—30
						2	Tues.	30	**A** ·06 / 1 ·98	3 ·72	29	—31	Sun.	30	3 ·36	9 ·02 / 10 ·96	1

Durmukha. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *H.* 1129 *Safar.*

Durmukha. **Kumbha—Māśi.** *Sukla.* **Phālguna.** *Bahula.* *H.* 1129 *Rabī-ul awwal.*

Durmukha. **Mīna—Paiguni.** *Sukla.* **Chaitra.** *Bahula.* *H.* 1129 *Rabī-ul ākhir.*

Hemalamba. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 1129 *Jamāda'l awwal.*

Hemalamba. **Vrishabha—Vaigāśi.** *Sukla.* **Adhika Jyeshtha.** *Bahula.* *H.* 1129 *Rajab.*

Hemalamba. **Mithuna—Āni.** *Sukla.* **Nija Jyeshtha.** *Bahula.* *H.* 1129 *Jamāda'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1717. **Kollam 893.** { **N. Malabar—Sep.** **Hijra 1130.** **Vikrama 1774.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 24.** **Bengal San. 1123.**
P—Paurnimā. **(N. Cycle) Plavaṅga.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Mon.	1	4 ·29	11 ·91	2	—31	Sun.	1	7 ·14	18 ·67	5	1	Fri.	1	9 ·76	24 ·88	7
2	Tues.	2	5 ·21	12 ·88	3	1	Mon.	2	8 ·20	19 ·75	6	2	Sat.	2	10 ·82	25 ·95	8
3	Wed.	3	6 ·15	13 ·86	4	2	Tues.	3	9 ·27	20 ·85	7	3	Sun.	3	11 ·85	... ...	9
4	Thur.	4	7 ·10	14 ·86	5	3	Wed.	4	10 ·35	21 ·97	8	4	Mon.	4	12 ·88	26 ·01	10
5	Fri.	5	8 ·09	15 ·87	6	4	Thur.	5	11 ·44	... ...	9	5	Tues.	5	13 ·88	27 ·05	11
6	Sat.	6	9 ·08	16 ·91	7	5	Fri.	6	12 ·53	22 ·07	10	6	Wed.	6	14 ·85	1 ·07	12
7	Sun.	7	10 ·09	17 ·98	8	6	Sat.	7	13 ·60	23 ·17	11	7	Thur.	7	P ·81	2 ·07	13
8	Mon.	8	11 ·14	... ...	9	7	Sun.	8	14 ·64	24 ·26	12	8	Fri.	8	1 ·76	3 ·05	14
9	Tues.	9	12 ·19	18 ·06	10	8	Mon ○	9	P ·68	25 ·33	13	9	Sat.	9	2 ·69	4 ·02 / 5 ·98	15
10	Wed.	10	13 ·26	19 ·15	11	9	Tues.	10	1 ·69	26 ·39	14						
11	Thur.	11	14 ·33	20 ·25	12	10	Wed.	11	2 ·70	27 ·42	15	10	Sun.	10	3 ·60	6 ·92	16
12	Fri.	12	P ·42	21 ·36	13	11	Thur.	12	3 ·67	1 ·43	16	11	Mon.	11	4 ·51	7 ·85	17
13	Sat.	13	1 ·50	22 ·47	14	12	Fri.	13	4 ·64	2 ·42	17	12	Tues.	12	5 ·42	8 ·79	18
14	Sun.	14	2 ·56	23 ·57	15	13	Sat.	14	5 ·58	3 ·39	18	13	Wed.	13	6 ·32	9 ·72	19
15	Mon.	15	3 ·62	24 ·65	16	14	Sun.	15	6 ·50	4 ·36	19	14	Thur.	14	7 ·22	10 ·65	20
16	Tues.	16	4 ·66	25 ·71	17	15	Mon.	16	7 ·41	5 ·31	20	15	Fri.	15	8 ·12	11 ·59	21
17	Wed.	17	5 ·68	26 ·75	18	16	Tues.	17	8 ·31	6 ·24	21	16	Sat.	16	9 ·04 / 10 ·97	12 ·54	22
18	Thur.	18	6 ·66	27 ·77	19	17	Wed.	18	9 ·22	7 ·17	22						
19	Fri.	19	7 ·64	1 ·78	20	18	Thur.	19	10 ·12	8 ·10	23	17	Sun.	17	11 ·92	13 ·51	23
20	Sat.	20	8 ·59	2 ·76	21	19	Fri.	20	11 ·01 / 12 ·92	9 ·03 / 10 ·98	24	18	Mon.	18	12 ·87	14 ·48	24
21	Sun.	21	9 ·53	3 ·73	22							19	Tues.	19	13 ·86	15 ·48	25
22	Mon.	22	10 ·46	4 ·68	23	20	Sat.	21	13 ·84	11 ·92	25	20	Wed.	20	14 ·86	16 ·49	26
23	Tues.	23	11 ·36	5 ·62	24	21	Sun.	22	14 ·77	12 ·87	26	21	Thur.	21	—A ·88	17 ·53	27
24	Wed.	24	12 ·27	6 ·57	25	22	Mon.	23	—A ·71	13 ·84	27	22	Fri.	22	1 ·92	18 ·59	28
25	Thur.	25	13 ·16	7 ·50	26	23	Tues.	24	1 ·66	14 ·82	28	23	Sat.	23	2 ·99	19 ·67	—29
26	Fri.	26	14 ·07 / A ·96	8 ·42	27	24	Wed.	25	2 ·64	15 ·84	—29	24	Sun.	24	... ...	20 ·76	1
27	Sat.	27	1 ·87	9 ·36	28	25	Thur.	26	3 ·64	16 ·86	1	25	Mon.	25	3 ·07	21 ·86	2
28	Sun.	28	2 ·78	10 ·30	—29	26	Fri.	27	4 ·65	17 ·91	2	26	Tues.	26	4 ·15	22 ·97	3
29	Mon.	29	3 ·70	11 ·25	1	27	Sat.	28	5 ·70	18 ·97	3	27	Wed.	27	5 ·24	... ...	4
30	Tues.	30	4 ·64	12 ·21	2	28	Sun.	29	6 ·76	... ...	4	28	Thur.	28	6 ·33	28 ·08	5
31	Wed.	31	5 ·59	13 ·19	3	29	Mon.	30	7 ·83	19 ·05	5	—29	Fri.	29	7 ·40	24 ·18	6
	Aug.						**Oct.**					1	Sat.	30	8 ·46	25 ·26	7
—32	Thur.	1	6 ·57	14 ·18	4	—30	Tues.	1	8 ·91	20 ·16	6		**Dec.**				
1	Fri.	2	7 ·57	15 ·19	5	1	Wed.	2	... ...	21 ·26	7	2	Sun.	1	9 ·50	26 ·32	8
2	Sat.	3	8 ·58	16 ·22	6	2	Thur.	3	9 ·00	22 ·37	8	3	Mon.	2	10 ·52	27 ·37	9
3	Sun.	4	9 ·62	17 ·28	7	3	Fri.	4	10 ·08	23 ·48	9	4	Tues.	3	11 ·51	1 ·39	10
4	Mon.	5	10 ·67	18 ·36	8	4	Sat.	5	11 ·16	24 ·57	10	5	Wed.	4	12 ·49	2 ·40	11
5	Tues.	6	11 ·75	19 ·45	9	5	Sun.	6	12 ·21	25 ·65	11	6	Thur.	5	13 ·45	3 ·39	12
6	Wed.	7	12 ·83	20 ·55	10	6	Mon.	7	13 ·25	26 ·70	12	7	Fri.	6	14 ·38	4 ·36	13
7	Thur.	8	13 ·92	21 ·66	11	7	Tues.	8	14 ·27	27 ·74	13	8	Sat.	7	P ·31	5 ·31	14
8	Fri.	9	14 ·99	22 ·77	12	8	Wed.	9	P ·27	1 ·75	14	9	Sun.	8	1 ·23	6 ·25	15
9	Sat.	10	... ...	23 ·87	13	9	Thur.	10	1 ·24	2 ·74	15	10	Mon.	9	2 ·14	7 ·20	16
10	Sun.	11	P ·07	24 ·96	14	10	Fri.	11	2 ·21	3 ·72	16	11	Tues.	10	3 ·04 / 4 ·94	8 ·13	17
11	Mon.	12	1 ·12	... ...	15	11	Sat.	12	3 ·16	4 ·69	17	12	Wed.	11	5 ·85	9 ·06 / 10 ·99	18
12	Tues.	13	2 ·15	25 ·02	16	12	Sun.	13	4 ·07 / 5 ·99	5 ·64	18	13	Thur.	12	6 ·75	11 ·93	19
13	Wed	14	3 ·17	26 ·07	17	13	Mon.	14	6 ·89	6 ·58	19	14	Fri.	13	7 ·67	12 ·88	20
14	Thur.	15	4 ·16	27 ·10	18	14	Tues.	15	7 ·80	7 ·51	20	15	Sat.	14	8 ·61	13 ·84	21
15	Fri.	16	5 ·14	1 ·11	19	15	Wed.	16	8 ·69	8 ·44	21	16	Sun.	15	9 ·56	14 ·81	22
16	Sat.	17	6 ·10	2 ·09	20	16	Thur.	17	9 ·60	9 ·38	22	17	Mon.	16	10 ·51	15 ·80	23
17	Sun.	18	7 ·05 / 8 ·97	3 ·06	21	17	Fri.	18	10 ·50	10 ·32	23	18	Tues.	17	11 ·51	16 ·81	24
				4 ·02 / 5 ·96		18	Sat.	19	11 ·43	11 ·25	24	19	Wed.	18	12 ·50	17 ·85	25
18	Mon.	19	9 ·87		22	19	Sun.	20	12 ·36	12 ·20	25	20	Thur.	19	13 ·53	18 ·91	26
19	Tues.	20	10 ·77	6 ·90	23	20	Mon.	21	13 ·30	13 ·17	26	21	Fri.	20	14 ·58	19 ·98	27
20	Wed.	21	11 ·67	7 ·83	24	21	Tues.	22	14 ·25	14 ·16	27	22	Sat.	21	—A ·64	... ...	28
21	Thur.	22	12 ·58	8 ·76	25	22	Wed.	23	—A ·23	15 ·16	28	23	Sun.	22	1 ·72	20 ·06	29
22	Fri.	23	13 ·47	9 ·69	26	23	Thur.	24	1 ·23	16 ·18	29	24	Mon.	23	2 ·80	21 ·16	—30
23	Sat.	24	14 ·38	10 ·64	27	24	Fri.	25	2 ·25	17 ·22	—30	25	Tues.	24	3 ·90	22 ·26	1
24	Sun.	25	—A ·30	11 ·58	28	25	Sat.	26	3 ·30	18 ·28	1	26	Wed.	25	4 ·98	23 ·37	2
25	Mon.	26	1 ·23	12 ·54	29	26	Sun.	27	4 ·36	19 ·35	2	27	Thur.	26	... ...	24 ·47	3
26	Tues.	27	2 ·16	13 ·51	—30	27	Mon.	28	5 ·43	20 ·45	3	28	Fri.	27	5 ·05	25 ·57	4
27	Wed.	28	3 ·10	14 ·50	1	28	Tues.	29	6 ·52	21 ·56	4	29	Sat.	28	6 ·11	26 ·63	5
28	Thur.	29	4 ·09	15 ·51	2	29	Wed.	30	7 ·61	22 ·67	5	—30	Sun.	29	7 ·14	27 ·68	6
29	Fri.	30	5 ·09	16 ·54	3	—30	Thur.	31	8 ·69	23 ·77	6	1	Mon.	30	8 ·16	1 ·72	7
30	Sat.	31	6 ·10	17 ·60	4							2	Tues.	31	9 ·16	2 ·73	8

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1718. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·53.** **Śaka 1640.** **Kaliyuga 4819.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·44.** **(S. Cycle) Vilamba.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Wed.	1	10 ·14	3 ·72	9	3	Sat.	1	10 ·11	7 ·21	9	3	Thur.	1	13 ·55	14 ·47	11
4	Thur.	2	11 ·09	4 ·69	10	4	Sun.	2	11 ·01 12 ·91	8 ·14	10	4	Fri.	2	14 ·50	15 ·43	12
5	Fri.	3	12 ·04 13 ·96	5 ·65	11	5	Mon.	3	13 ·81	9 ·07	11	5	Sat.	3	P ·46	16 ·42	13
6	Sat.	4	14 ·87	6 ·60	12	6	Tues.	4	14 ·72	10 ·00 11 ·94	12	6	Sun.	4	1 ·45	17 ·43	14
7	Sun.	5	P ·78	7 ·54	13							7	Mon.	5	2 ·45	18 ·47	15
8	Mon.	6	1 ·68	8 ·47	14	7	Wed. ○	5	P ·62	12 ·88	13	8	Tues.	6	3 ·46	19 ·51	16
9	Tues.	7	2 ·59	9 ·40	15	8	Thur.	6	1 ·53	13 ·83	14	9	Wed.	7	4 ·51	20 ·58	17
10	Wed.	8	3 ·49	10 ·33	16	9	Fri.	7	2 ·47	14 ·79	15	10	Thur.	8	5 ·57	21 ·67	18
11	Thur.	9	4 ·40	11 ·27	17	10	Sat.	8	3 ·41	15 ·78	16	11	Fri.	9	6 ·65	22 ·76	19
12	Fri.	10	5 ·32	12 ·22	18	11	Sun.	9	4 ·39	16 ·78	17	12	Sat.	10	7 ·73	23 ·87	20
13	Sat.	11	6 ·26	13 ·17	19	12	Mon.	10	5 ·37	17 ·79	18	13	Sun.	11	8 ·81	24 ·98	21
14	Sun.	12	7 ·20	14 ·14	20	13	Tues.	11	6 ·37	18 ·83	19	14	Mon.	12	9 ·89	... ...	22
15	Mon.	13	8 ·16	15 ·12	21	14	Wed.	12	7 ·40	19 ·89	20	15	Tues.	13	10 ·96	25 ·08	23
16	Tues.	14	9 ·15	16 ·13	22	15	Thur.	13	8 ·45	20 ·97	21	16	Wed.	14	... ...	26 ·17	24
17	Wed.	15	10 ·14	17 ·16	23	16	Fri.	14	9 ·51	... ...	22	17	Thur.	15	11 ·02	27 ·25	25
18	Thur.	16	11 ·18	18 ·21	24	17	Sat.	15	10 ·59	21 ·06	23	18	Fri.	16	12 ·03	1 ·80	26
19	Fri.	17	12 ·23	19 ·28	25	18	Sun.	16	11 ·68	22 ·17	24	19	Sat.	17	13 ·05	2 ·34	27
20	Sat.	18	13 ·30	20 ·36	26	19	Mon.	17	12 ·76	23 ·27	25	20	Sun.	18	14 ·03	3 ·35	28
21	Sun.	19	14 ·37	21 ·46	27	20	Tues.	18	13 ·85	24 ·38	26	21	Mon.	19	A ·01 1 ·95	4 ·34	—29
22	Mon.	20	—A ·46	22 ·57	28	21	Wed.	19	14 ·91	25 ·48	27	22	Tues.	20	2 ·89	5 ·32	1
23	Tues.	21	1 ·55	23 ·68	—29	22	Thur.	20	—A ·96	26 ·57	28	23	Wed.	21	3 ·80	6 ·28	2
24	Wed.	22	2 ·63	24 ·78	1	23	Fri.	21	... ...	27 ·63	—29	24	Thur.	22	4 ·70	7 ·23	3
25	Thur.	23	3 ·70	25 ·87	2	24	Sat.	22	1 ·00 2 ·99	1 ·67	1	25	Fri.	23	5 ·61	8 ·17	4
26	Fri.	24	4 ·76	26 ·94	3							26	Sat.	24	6 ·50	9 ·10	5
27	Sat.	25	5 ·79	... ...	4	25	Sun.	23	3 ·98	2 ·69	2	27	Sun.	25	7 ·41	10 ·03 11 ·96	6
28	Sun.	26	6 ·80	27 ·01	5	26	Mon.	24	4 ·95	3 ·70	3						
—29	Mon.	27	7 ·79	1 ·04	6	27	Tues.	25	5 ·91	4 ·69	4	28	Mon.	26	8 ·30	12 ·90	7
1	Tues.	28	8 ·78	2 ·05	7	28	Wed.	26	6 ·84	5 ·65	5	29	Tues.	27	9 ·21	13 ·84	8
2	Wed.	29	9 ·73	3 ·04	8	29	Thur.	27	7 ·77	6 ·61	6	30	Wed.	28	10 ·13	14 ·80	9
3	Thur.	30	10 ·66	4 ·02 5 ·99	9	—30	Fri.	28	8 ·68	7 ·55	7	31	Thur.	29	11 ·05 12 ·99	15 ·76	10
4	Fri.	31	11 ·58	6 ·95	10	1	Sat.	29	9 ·58	8 ·48	8	—32	Fri.	30	13 ·95	16 ·75	11
	Feb.					2	Sun.	30	10 ·47	9 ·42	9	1	Sat.	31	14 ·94	17 ·76	12
						3	Mon.	31	11 ·37	10 ·35	10		**June.**				
5	Sat.	1	12 ·49	7 ·87	11		**April.**					2	Sun.	1	P ·93	18 ·78	13
6	Sun.	2	13 ·41	8 ·81	12	4	Tues.	1	12 ·28	11 ·28	11	3	Mon.	2	1 ·95	19 ·82	14
7	Mon.	3	14 ·32	9 ·73	13	5	Wed.	2	13 ·18	12 ·22	12	4	Tues.	3	2 ·99	20 ·89	15
8	Tues.	4	P ·21	10 ·67	14	6	Thur.	3	14 ·09	13 ·17	13	5	Wed.	4	... ...	21 ·97	16
9	Wed.	5	1 ·11	11 ·61	15	7	Fri.	4	P ·03 1 ·98	14 ·13	14	6	Thur.	5	3 ·04	... ...	17
10	Thur.	6	2 ·02 3 ·94	12 ·55	16	8	Sat.	5	2 ·94	15 ·11	15	7	Fri.	6	4 ·12	22 ·06	18
11	Fri.	7	4 ·88	13 ·50	17	9	Sun.	6	3 ·92	16 ·10	16	8	Sat.	7	5 ·20	23 ·18	19
12	Sat.	8	5 ·83	14 ·47	18	10	Mon.	7	4 ·93	17 ·11	17	9	Sun.	8	6 ·28	24 ·28	20
13	Sun.	9	6 ·79	15 ·45	19	11	Tues.	8	5 ·95	18 ·14	18	10	Mon.	9	7 ·37	25 ·39	21
14	Mon.	10	7 ·77	16 ·46	20	12	Wed.	9	... ...	19 ·20	19	11	Tues.	10	8 ·44	26 ·49	22
15	Tues.	11	8 ·76	17 ·48	21	13	Thur.	10	6 ·00	20 ·28	20	12	Wed.	11	9 ·49	27 ·56	23
16	Wed.	12	9 ·80	18 ·52	22	14	Fri.	11	7 ·06	21 ·37	21	13	Thur.	12	10 ·53	1 ·62	24
17	Thur.	13	10 ·85	19 ·58	23	15	Sat.	12	8 ·15	22 ·47	22	14	Fri.	13	11 ·53	2 ·66	25
18	Fri.	14	11 ·92	20 ·66	24	16	Sun.	13	9 ·22	23 ·57	23	15	Sat.	14	12 ·51	3 ·67	26
19	Sat.	15	12 ·99	21 ·76	25	17	Mon.	14	10 ·30	24 ·69	24	16	Sun.	15	13 ·49	4 ·67	27
20	Sun.	16	... ..	22 ·87	26	18	Tues.	15	11 ·38	25 ·79	25	17	Mon.	16	14 ·43	5 ·65	28
21	Mon.	17	13 ·09	23 ·98	27	19	Wed.	16	12 ·45	26 ·87	26	18	Tues.	17	—A ·37	6 ·62	29
22	Tues.	18	14 ·17	... ...	28	20	Thur.	17	13 ·50	27 ·95	27	19	Wed.	18	1 ·29	7 ·57	—30
23	Wed.	19	—A ·25	24 ·08	29	21	Fri.	18	14 ·54	1 ·99	28	20	Thur.	19	2 ·20	8 ·51	1
24	Thur.	20	1 ·32	25 ·17	—30	22	Sat.	19	—A ·55	... ...	29	21	Fri.	20	3 ·10 4 ·99	9 ·44	2
25	Fri.	21	2 ·37	26 ·26	1	23	Sun.	20	1 ·53	2 ·01	—30	22	Sat.	21	5 ·90	10 ·37	3
26	Sat.	22	3 ·41	27 ·32	2	24	Mon.	21	2 ·49	3 ·03	1	23	Sun.	22	6 ·79	11 ·31	4
27	Sun.	23	4 ·41	1 ·36	3	25	Tues.	22	3 ·44	4 ·02 5 ·98	2	24	Mon.	23	7 ·70	12 ·24	5
28	Mon.	24	5 ·41	2 ·37	4	26	Wed.	23	4 ·37	6 ·94	3	25	Tues.	24	8 ·61	13 ·18	6
29	Tues.	25	6 ·38	3 ·37	5	27	Thur.	24	5 ·30	7 ·88	4	26	Wed.	25	9 ·53	14 ·13	7
—30	Wed.	26	7 ·34	4 ·36	6	28	Fri.	25	6 ·21	8 ·83	5	27	Thur.	26	10 ·47	15 ·09	8
1	Thur.	27	8 ·27	5 ·32	7	29	Sat.	26	7 ·11	9 ·76	6	28	Fri.	27	11 ·44	16 ·07	9
2	Fri.	28	9 ·19	6 ·27	8	30	Sun.	27	8 ·00 9 ·91	10 ·69	7	29	Sat.	28	12 ·41	17 ·08	10
						—31	Mon.	28	10 ·81	11 ·62	8	30	Sun.	29	13 ·41	18 ·10	11
						1	Tues.	29	11 ·71	12 ·56	9	—31	Mon.	30	14 ·48	19 ·13	12
						2	Wed.	30	12 ·68	13 ·51	10						

Hemalamba. **Makara—Tai.** *Śukla.* **Pausha.** *Bahula.* *H.* 1130 *Śafar.*

Hemalamba. **Mīna—Phālguna.** *Bahula.* *Śukla.* **Phālguna.** *Bahula.* *H.* 1130 *Rabī-ul ākhir.*

Hemalamba. **Kumbha—Māgi.** *Śukla.* **Māgha.** *Bahula.* *H.* 1130 *Rabī-ul awwal.*

Vilamba. **Mēsha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* *H.* 1130 *Jamāda'l awwal.*

Vilamba. **Vṛishabha—Vaigāśi.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 1130 *Jamāda'l ākhir.*

Vilamba. **Mithuna—Āni.** *Śukla.* **Jyeshṭha.** *Bahula.* *H.* 1130 *Sha'bān.*

Naksh:—1 Aśvin 2 Bhar 3. Krit. 4. Rohi 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1718. **Kollam 894,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1131.** Commences **Nov. 13.** **Vikrama 1775.** **Bengal San. 1124.** **(N. Cycle) Kīlaka.**

A—Amavāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
									Bhād.								
									Bahula.								
Vilamba.																	
Karkataka—Ādi.																	
1	Tues.	1	**P** ·46	20 ·19	13	—31	Mon.	1	3 ·96	27 ·48	16	1	Sat.	1	4 ·10	6 ·27	18
2	Wed.	2	1 ·53	21 ·27	14	1	Tues.	2	.. ...	1 ·55	17	2	Sun.	2	5 ·05 / 6 ·97	7 ·25	19
3	Thur.	3	2 ·60	22 ·37	15	2	Wed.	3	4 ·00	2 ·60	18	3	Mon.	3	7 ·88	8 ·20	20
4	Fri.	4	3 ·69	23 ·47	16	3	Thur.	4	5 ·03	3 ·64	19	4	Tues.	4	8 ·78	9 ·14	21
5	Sat.	5	4 ·76	24 ·58	17	4	Fri.	5	6 ·01	4 ·65	20	5	Wed.	5	9 ·69	10 ·07	22
6	Sun.	6	5 ·84	25 ·69	18				7 ·98								
7	Mon.	7	6 ·92	26 ·78	19	5	Sat.	6	8 ·95	5 ·64	21	6	Thur.	6	10 ·59	11 ·00 / 12 ·94	23
8	Tues.	8	7 ·96	27 ·87	20	6	Sun.	7	9 ·88	6 ·61	22						
9	Wed.	9	... ...	1 ·93	21	7	Mon.	8	10 ·81	7 ·57	23	7	Fri.	7	11 ·49	13 ·87	24
10	Thur.	10	8 ·00	2 ·97	22	8	Tues.	9	11 ·71	8 ·52	24	8	Sat.	8	12 ·41	14 ·81	25
11	Fri.	11	9 ·01	3 ·99	23	9	Wed.	10	12 ·62	9 ·46	25	9	Sun.	9	13 ·33	15 ·76	26
12	Sat.	12	10 ·00 / 11 ·96	4 ·99	24	10	Thur.	11	13 ·52	10 ·39	26	10	Mon.	10	14 ·26	16 ·72	27
						11	Fri.	12	14 ·42	11 ·32	27	11	Tues.	11	—**A** ·19	17 ·70	28
13	Sun.	13	12 ·91	5 ·98	25	12	Sat.●	13	—**A** ·31	12 ·25	28	12	Wed.	12	1 ·15	18 ·70	—29
14	Mon.	14	13 ·85	6 ·95	26	13	Sun.	14	1 ·22	13 ·19	—29	13	Thur.	13	2 ·15	19 ·71	1
15	Tues.	15	14 ·77	7 ·90	27	14	Mon.	15	2 ·14	14 ·14	1	14	Fri.	14	3 ·15	20 ·75	2
16	Wed.	16	—**A** ·69	8 ·84	28	15	Tues.	16	3 ·06	15 ·09	2	15	Sat.	15	4 ·17	21 ·80	3
17	Thur.	17	1 ·59	9 ·78	—29				4 ·00			16	Sun.	16	5 ·21	22 ·88	4
18	Fri.	18	2 ·49	10 ·71	1	16	Wed.	17	5 ·96	16 ·06	3	17	Mon.	17	6 ·28	23 ·98	5
19	Sat.	19	3 ·38	11 ·64	2							18	Tues.	18	7 ·36	... ...	6
20	Sun.	20	4 ·28	12 ·57	3	17	Thur.	18	6 ·95	17 ·04	4	19	Wed.	19	8 ·44	24 ·08	7
21	Mon.	21	5 ·19	13 ·51	4	18	Fri.	19	7 ·94	18 ·05	5	20	Thur.	20	9 ·53	25 ·19	8
22	Tues.	22	6 ·09	14 ·46	5	19	Sat.	20	8 ·96	19 ·08	6	21	Fri.	21	10 ·61	26 ·29	9
						20	Sun.	21	... ...	20 ·13	7	22	Sat.	22	11 ·69	27 ·39	10
23	Wed.	23	7 ·01 / 8 ·95	15 ·42	6	21	Mon.	22	9 ·00	21 ·19	8	23	Sun.	23	12 ·75	1 ·48	11
24	Thur.	24	9 ·92	16 ·42	7	22	Tues.	23	10 ·05	22 ·27	9	24	Mon.	24	13 ·79	2 ·55	12
25	Fri.	25	10 ·89	17 ·40	8	23	Wed.	24	11 ·13	23 ·37	10	25	Tues.	25	14 ·81	3 ·59	13
26	Sat.	26	11 ·90	18 ·42	9	24	Thur.	25	12 ·22	24 ·49	11	26	Wed.	26	**P** ·80	4 ·61	14
27	Sun.	27	12 ·91	19 ·44	10	25	Fri.	26	13 ·31	25 ·59	12	27	Thur.	27	1 ·77	5 ·62	15
28	Mon.	28	13 ·94	20 ·50	11	26	Sat.	27	14 ·38	26 ·69	13	28	Fri.	28	2 ·73	6 ·61	16
29	Tues.	29	... ...	21 ·58	12	27	Sun.	28	**P** ·46	27 ·78	14	29	Sat.	29	3 ·67	7 ·58	17
30	Wed.	30	14 ·00	22 ·67	13	28	Mon.	29	1 ·52	1 ·86	15	—30	Sun.	30	4 ·59	8 ·53	18
31	Thur.	31	**P** ·07	23 ·77	14	29	Tues.	30	2 ·56	2 ·92	16						
									Āśvina.								
	Aug.						**Oct.**						**Dec.**				
—32	Fri.	1	1 ·16	24 ·88	15	—30	Wed.	1	3 ·59	3 ·96	17	1	Mon.	1	5 ·50	9 ·47	19
1	Sat.	2	2 ·25	25 ·98	16	1	Thur.	2	4 ·57	4 ·97	18	2	Tues.	2	6 ·41	10 ·41	20
2	Sun.	3	3 ·33	... ...	17	2	Fri.	3	5 ·55	5 ·97	19	3	Wed.	3	7 ·32	11 ·35	21
3	Mon.	4	4 ·39	26 ·09	18	3	Sat.	4	6 ·51	6 ·94	20	4	Thur.	4	8 ·21	12 ·28	22
4	Tues.	5	5 ·44	27 ·18	19	4	Sun.	5	7 ·44	7 ·90	21	5	Fri.	5	9 ·12	13 ·21	23
5	Wed.	6	6 ·48	1 ·24	20	5	Mon.	6	8 ·37	8 ·86	22	6	Sat.	6	10 ·03 / 11 ·95	14 ·14	24
6	Thur.	7	7 ·50	2 ·29	21	6	Tues.	7	9 ·28	9 ·80	23						
7	Fri.	8	8 ·49	3 ·31	22	7	Wed.	8	10 ·18	10 ·73	24	7	Sun.	7	12 ·89	15 ·09	25
8	Sat.	9	9 ·45	4 ·33	23							8	Mon.	8	13 ·83	16 ·05	26
9	Sun.	10	10 ·42	5 ·31	24	8	Thur.	9	11 ·08 / 12 ·99	11 ·66	25	9	Tues.	9	14 ·80	17 ·03	27
10	Mon.	11	11 ·35	6 ·28	25							10	Wed.	10	—**A** ·78	18 ·02	28
11	Tues.	12	12 ·28	7 ·24	26	9	Fri.	10	13 ·89	12 ·59	26	11	Thur.	11	1 ·80	19 ·03	29
12	Wed.	13	13 ·19	8 ·18	27	10	Sat.	11	14 ·80	13 ·53	27	12	Fri.	12	2 ·82	20 ·06	—30
						11	Sun.	12	—**A** ·72	14 ·47	28	13	Sat.	13	3 ·86	21 ·11	1
13	Thur.	14	14 ·09 / **A** ·98	9 ·11	28	12	Mon.	13	1 ·64	15 ·42	29	14	Sun.	14	4 ·93	22 ·19	2
						13	Tues.	14	2 ·59	16 ·39	—30	15	Mon.	15	... ...	23 ·28	3
14	Fri.	15	1 ·88	10 ·05 / 11 ·98	29	14	Wed.	15	3 ·54	17 ·37	1	16	Tues.	16	5 ·01	24 ·38	4
						15	Thur.	16	4 ·53	18 ·38	2	17	Wed.	17	6 ·10	25 ·48	5
15	Sat.	16	2 ·78	12 ·91	—30	16	Fri.	17	5 ·53	19 ·40	3	18	Thur.	18	7 ·19	26 ·59	6
16	Sun.	17	3 ·69	13 ·85	1	17	Sat.	18	6 ·55	20 ·44	4	19	Fri.	19	8 ·28	27 ·69	7
17	Mon.	18	4 ·61	14 ·79	2	18	Sun.	19	7 ·59	21 ·50	5	20	Sat.	20	9 ·34	1 ·79	8
18	Tues.	19	5 ·53	15 ·76	3	19	Mon.	20	8 ·65	22 ·58	6	21	Sun.	21	10 ·39	2 ·85	9
19	Wed.	20	6 ·46	16 ·73	4	20	Tues.	21	9 ·73	23 ·68	7	22	Mon.	22	11 ·44	3 ·90	10
20	Thur.	21	7 ·42	17 ·72	5	21	Wed.	22	10 ·81	24 ·78	8	23	Tues.	23	12 ·45	4 ·93	11
21	Fri.	22	8 ·40	18 ·73	6	22	Thur.	23	11 ·90	25 ·89	9	24	Wed.	24	13 ·44	5 ·95	12
22	Sat.	23	9 ·41	19 ·76	7	23	Fri.	24	12 ·98	26 ·99	10	25	Thur.	25	14 ·41	6 ·94	13
23	Sun.	24	10 ·42	20 ·82	8	24	Sat.	25	... ...	... ...	11	26	Fri.	26	**P** ·38	7 ·91	14
24	Mon.	25	11 ·47	21 ·89	9	25	Sun.	26	13 ·06	27 ·09	12	27	Sat.	27	1 ·31	8 ·86	15
25	Tues.	26	12 ·52	22 ·97	10	26	Mon.	27	14 ·12	1 ·16	13	28	Sun.	28	2 ·23	9 ·81	16
26	Wed.	27	13 ·58	... ...	11	27	Tues.	28	**P** ·15	2 ·23	14	—29	Mon.	29	3 ·15	10 ·76	17
27	Thur.	28	14 ·66	23 ·07	12	28	Wed.	29	1 ·18	3 ·27	15	1	Tues.	30	4 ·05 / 5 ·96	11 ·69	18
28	Fri.○	29	**P** ·75	24 ·18	13	29	Thur.	30	2 ·16	4 ·29	16	2	Wed.	31	6 ·86	12 ·61	19
29	Sat.	30	1 ·83	25 ·29	14	—30	Fri.	31	3 ·14	5 ·29	17						
30	Sun.	31	2 ·91	26 ·39	15												
			Bhādrapada.														
			Sukla.														
Vilamba.						*Vilamba.*						*Vilamba.*					
Simha—Āvaṇi.						**Tulā—Aippaśi.**						**Dhanus—Mārgaḷi.**					

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1719. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·79.** **Śaka 1641.** **Kaliyuga 4820.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·70.** **(S. Cycle) Vikārin.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Vilamba.					*Vilamba.*		*Bahula.*			*Vikārin.*		*Sukla.*		
3	Thur. 1	7 ·76	13 ·55	20	3	Sun. 1	7 ·72	17 ·01 / 18 ·99	20	2	Fri. 1	9 ·90	24 ·89	22
4	Fri. 2	8 ·67	14 ·48	21	4	Mon. 2	8 ·68	... ...	21	3	Sat. 2	10 ·97	25 ·98	23
5	Sat. 3	9 ·60	15 ·42	22	5	Tues. 3	9 ·67	19 ·00	22	4	Sun. 3	... ...	... ...	24
6	Sun. 4	*Bahula.* 10 ·53	16 ·39	23	6	Wed. 4	10 ·67	20 ·01	23	5	Mon. 4	11 ·06	26 ·09	25
7	Mon. 5	11 ·47	17 ·36	24	7	Thur. 5	11 ·71	21 ·05	24	6	Tues. 5	12 ·14	27 ·20	26
8	Tues. 6	12 ·44	18 ·34	25	8	Fri. 6	12 ·75	22 ·11	25	7	Wed. 6	13 ·22	1 ·31	27
9	Wed. 7	13 ·43	19 ·35	26	9	Sat. 7	13 ·81	23 ·18	26	8	Thur. 7	14 ·28	2 ·40	28
10	Thur. 8	14 ·44	20 ·37	27	10	Sun. 8	14 ·90	24 ·28	27	9	Fri. 8	—**A** ·33	3 ·47	—29
11	Fri. 9	—**A** ·46	21 ·43	28	11	Mon. 9	—**A** ·98	25 ·39	28	10	Sat. 9	1 ·36	4 ·52	1
12	Sat. 10	1 ·52	22 ·50	—29	12	Tues. 10	... ...	26 ·49	—29	11	Sun. 10	2 ·37	5 ·55	2
13	Sun. 11	2 ·59	23 ·58	1	13	Wed. 11	1 ·08	27 ·60	1	12	Mon. 11	3 ·36	6 ·57	3
14	Mon. 12	3 ·66	24 ·68	2	*Vilamba.*					13	Tues. 12	4 ·32	7 ·56	4
15	Tues. 13	4 ·75	25 ·78	3	14	Thur. 12	2 ·16	1 ·69	2	*Vikārin.*		*Sukla.*		
16	Wed. 14	5 ·84	26 ·90	4	15	Fri. 13	3 ·22	2 ·78	3	14	Wed. 13	5 ·28	8 ·54	5
17	Thur. 15	6 ·93	... ...	5	16	Sat. 14	4 ·27	3 ·85	4	15	Thur. 14	6 ·20	9 ·49	6
18	Fri. 16	7 ·99	27 ·00	6	17	Sun. 15	5 ·30	4 ·89	5	16	Fri. 15	7 ·11	10 ·44	7
19	Sat. 17	... ...	1 ·09	7	18	Mon. 16	6 ·31	5 ·91	6	17	Sat. 16	8 ·02 / 9 ·92	11 ·39	8
20	Sun. 18	8 ·05	2 ·16	8	19	Tues. 17	7 ·29	6 ·91	7	18	Sun. 17	10 ·82	12 ·32	9
21	Mon. 19	9 ·08	3 ·22	9	20	Wed. 18	8 ·26	7 ·90	8	19	Mon. 18	11 ·72	13 ·25	10
22	Tues. 20	10 ·09	4 ·26	10	21	Thur. 19	9 ·21	8 ·87	9	20	Tues. 19	12 ·62	14 ·18	11
23	Wed. 21	11 ·08	5 ·27	11	22	Fri. 20	10 ·15	9 ·83	10	21	Wed. 20	13 ·52	15 ·11	12
24	Thur. 22	12 ·06	6 ·26	12			*Sukla.*			22	Thur. 21	14 ·43	16 ·05	13
		Māgha.			*Mīna—Pangguni.*					*Vikārin.*				
25	Fri. 23	13 ·02 / 14 ·94	7 ·24	13	23	Sat. 21	11 ·06 / 12 ·97	10 ·77	11				17 ·02	
		Sukla.								*Vrishabha—Vaigāśi.*		**P** ·37	18 ·98	14
26	Sat. 24	**P** ·87	8 ·20	14	24	Sun. 22	13 ·88	11 ·70	12					
27	Sun. 25	1 ·78	9 ·15	15	25	Mon. 23	14 ·77	12 ·63	13	24	Sat. 23	1 ·31	19 ·97	15
28	Mon. 26	2 ·69	10 ·09	16	26	Tues. 24	**P** ·67	13 ·57	14	25	Sun. 24	2 ·28	20 ·97	16
			11 ·02		27	Wed. 25	1 ·58	14 ·50	15	26	Mon. 25	3 ·26	21 ·99	17
29	Tues. 27	3 ·59	12 ·95	17	28	Thur. 26	2 ·49	15 ·44	16	27	Tues. 26	**4** ·26	... ...	18
		Bahula.			29	Fri. 27	3 ·41	16 ·39	17	28	Wed. 27	5 ·28	22 ·04	19
—30	Wed. 28	4 ·49	13 ·88	18	30	Sat. 28	4 ·34	17 ·34	18	29	Thur. 28	6 ·33	23 ·11	20
1	Thur 29	5 ·40	14 ·82	19	—31	Sun. 29	5 ·29	18 ·33	19	30	Fri. 29	7 ·40	24 ·19	21
2	Fri. 30	6 ·31	15 ·77	20	1	Mon. 30	6 ·25	19 ·32	20	—31	Sat. 30	8 ·46	25 ·28	22
3	Sat. 31	7 ·23	16 ·72	21	2	Tues. 31	7 ·28	20 ·33	21	1	Sun. 31	9 ·54	26 ·39	23
	Feb.					**April.**					**June.**			
Vilamba.					*Vikārin.*		*Bahula.*			*Vikārin.*		*Bahula.*		
4	Sun. 1	8 ·15	17 ·68	22	3	Wed. 1	8 ·23	21 ·36	22	2	Mon. 1	10 ·63	27 ·50	24
5	Mon. 2	9 ·11	18 ·67	23	4	Thur. 2	9 ·27	22 ·42	23	3	Tues. 2	11 ·70	1 ·61	25
6	Tues. 3	10 ·08	19 ·65	24	5	Fri. 3	10 ·31	23 ·50	24	4	Wed. 3	12 ·76	2 ·70	26
7	Wed. 4	11 ·06	20 ·70	25	6	Sat. 4	11 ·38	24 ·59	25	5	Thur. 4	13 ·82	3 ·77	27
8	Thur. 5	12 ·07	21 ·74	26	7	Sun. 5	12 ·46	25 ·69	26	6	Fri. 5	14 ·84	4 ·83	28
9	Fri. 6	13 ·10	22 ·80	27	8	Mon. 6	13 ·54	26 ·79	27	7	Sat. 6	—**A** ·85	5 ·88	29
10	Sat. 7	14 ·16	23 ·88	28	9	Tues. 7	14 ·63	27 ·90	28	8	Sun. 7	1 ·84	6 ·89	—30
11	Sun. ● 8	—**A** ·22	24 ·98	29	10	Wed. 8	—**A** ·71	... ...	29	9	Mon. 8	2 ·81	7 ·89	1
12	Mon. 9	1 ·30	... ...	—30	11	Thur. 9	1 ·77	1 ·00	—30	10	Tues. 9	3 ·76	8 ·86	2
13	Tues. 10	2 ·38	25 ·09	1	12	Fri. 10	2 ·82	2 ·09	1	11	Wed. 10	4 ·69	9 ·83	3
14	Wed. 11	3 ·46	26 ·20	2	13	Sat. 11	3 ·86	3 ·16	2	12	Thur. 11	5 ·61	10 ·78	4
15	Thur. 12	4 ·55	27 ·30	3	14	Sun. 12	4 ·85	4 ·21	3	13	Fri. 12	6 ·51	11 ·72	5
16	Fri. 13	5 ·62	1 ·39	4	15	Mon. 13	5 ·83	5 ·23	4	14	Sat. 13	7 ·41	12 ·67	6
17	Sat. 14	6 ·68	2 ·47	5	16	Tues. 14	6 ·81	6 ·24	5	15	Sun. 14	8 ·31	13 ·59	7
18	Sun. 15	7 ·71	3 ·54	6	17	Wed. 15	7 ·75	7 ·23	6	16	Mon. 15	9 ·20	14 ·52	8
19	Mon. 16	8 ·72	4 ·58	7	18	Thur. 16	8 ·69	8 ·20	7	17	Tues. 16	10 ·11	15 ·45	9
20	Tues. 17	9 ·70	5 ·59	8	19	Fri. 17	9 ·60	9 ·16	8			*Sukla.*		
21	Wed. 18	10 ·68	6 ·59	9	20	Sat. 18	10 ·52	10 ·10	9	18	Wed. 17	11 ·01 / 12 ·92	16 ·40	10
22	Thur. 19	11 ·62	7 ·57	10			*Sukla.*			*Vikārin.*				
23	Fri. 20	12 ·56	8 ·53	11	21	Sun. 19	11 ·42	11 ·04 / 12 ·98	10	19	Thur. 18	13 ·85	17 ·35	11
24	Sat. 21	13 ·49	9 ·49	12	22	Mon. 20	12 ·32	13 ·91	11	20	Fri. 19	14 ·80	18 ·31	12
25	Sun. 22	14 ·39	10 ·43	13	23	Tues. 21	13 ·21	14 ·84	12	*Mithuna—Āni.*				
26	Mon. ○ 23	**P** ·30	11 ·36	14	24	Wed. 22	14 ·11	15 ·77	13	21	Sat. 20	**P** ·76	19 ·29	13
27	Tues. 24	1 ·20	12 ·29	15			*Bahula.*			22	Sun. 21	1 ·74	20 ·29	14
28	Wed. 25	2 ·10	13 ·23	16	25	Thur. 23	**P** ·02 / 1 ·93	16 ·72	14	23	Mon. 22	2 ·74	21 ·31	15
		Phālguna.								24	Tues. 23	3 ·76	22 ·35	16
—29	Thur. 26	3 ·00 / 4 ·91	14 ·16	17	26	Fri. 24	2 ·87	17 ·67	15	25	Wed. 24	4 ·81	23 ·41	17
					27	Sat. 25	3 ·82	18 ·65	16	26	Thur. 25	5 ·86	24 ·49	18
1	Fri. 27	5 ·84	15 ·10	18	28	Sun. 26	4 ·78	19 ·63	17	27	Fri. 26	6 ·84	25 ·58	19
2	Sat. 28	6 ·76	16 ·05	19	29	Mon. 27	5 ·76	20 ·65	18	28	Sat. 27	... ...	26 ·69	20
					30	Tues. 28	6 ·76	21 ·68	19	29	Sun. 28	7 ·62	27 ·80	21
					—31	Wed. 29	7 ·80	22 ·72	20	30	Mon. 29	8 ·09	1 ·91	22
					1	Thur. 30	8 ·84	23 ·80	21	31	Tues. 30	9 ·18	... ...	23

Naksh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P Bhad. 26. U. Bhad. 27. Rev.

A.D. 1719. **Kollam 895,** { **N. Malabar—Sep.** **Hijra 1132.** **Vikrama 1776.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 3.** **Bengal San. 1125.**
P—Paurnimā. **(N. Cycle) Saumya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
—32	Wed.	1	10 ·24	2 ·00	24	—31	Tues.	1	13 ·18	10 ·79	27	1	Sun.	1	1 ·69	16 ·08	29
1	Thur.	2	11 ·29	3 ·08	25	1	Wed.	2	14 10	11 ·73	28	2	Mon.	2	2 ·61	17 ·03 / 18 ·98	—30
2	Fri.	3	12 ·32	4 ·15	26	2	Thur.	3	A ·02 / 1 ·92	12 ·67	—29	3	Tues.	3	3 ·54	19 ·94	1
3	Sat.	4	13 ·34	5 ·19	27	3	Fri.	4	2 ·83	13 ·61	1	4	Wed.	4	4 ·48	20 ·91	2
4	Sun.	5	14 ·32	6 21	28	4	Sat.	5	3 ·72	14 ·54	2	5	Thur.	5	5 ·45	21 ·91	3
5	Mon.	6	—A ·28	7 ·21	—29	5	Sun.	6	4 ·62	15 ·47	3	6	Fri.	6	6 ·43	22 ·92	4
6	Tues.	7	1 ·24	8 ·19	1	6	Mon.	7	5 ·53	16 ·41	4	7	Sat.	7	7 ·44	23 ·97	5
7	Wed.	8	2 ·17	9 ·16	2	7	Tues.	8	6 ·44	17 ·35	5	8	Sun.	8	8 ·46	... ...	6
8	Thur.	9	3 ·08 / 4 ·99	10 ·12	3	8	Wed.	9	7 ·37	18 ·31	6	9	Mon.	9	9 ·51	24 ·02	7
9	Fri.	10	5 ·90	11 ·06	4	9	Thur.	10	8 ·31	19 ·28	7	10	Tues.	10	10 ·57	25 ·10	8
10	Sat.	11	6 ·79	12 ·00 / 13 ·92	5	10	Fri.	11	9 ·27	20 ·26	8	11	Wed.	11	11 ·65	26 ·19	9
11	Sun.	12	7 ·70	14 ·85	6	11	Sat.	12	10 ·25	21 ·27	9	12	Thur.	12	12 ·74	27 ·30	10
12	Mon.	13	8 ·60	15 ·80	7	12	Sun.	13	11 ·24	22 ·29	10	13	Fri.	13	13 ·83	1 ·41	11
13	Tues.	14	9 ·50	16 ·73	8	13	Mon.	14	12 ·27	23 ·34	11	14	Sat.	14	14 ·91	2 ·51	12
14	Wed.	15	10 ·40	17 ·68	9	14	Tues.	15	13 ·31	24 ·41	12	15	Sun.	15	P ·98	3 ·61	13
15	Thur.	16	11 ·33	18 ·64	10	15	Wed.	16	14 ·37	25 ·49	13	16	Mon.	16	... ...	4 ·69	14
16	Fri.	17	12 ·28	19 ·62	11	16	Thur.	17	P ·45	26 ·59	14	17	Tues.	17	1 ·03	5 ·77	15
17	Sat.	18	13 ·24	20 ·62	12	17	Fri.	18	1 ·54	27 ·70	15	18	Wed.	18	2 ·08	6 ·81	16
18	Sun.	19	14 ·22	21 ·63	13	18	Sat.	19	2 ·62	1 ·80	16	19	Thur.	19	3 ·10	7 ·83	17
19	Mon.	20	P ·22	22 ·66	14	19	Sun.	20	3 ·70	2 ·91	17	20	Fri.	20	4 ·08	8 ·84	18
20	Tues.	21	1 ·24	23 ·72	15	20	Mon.	21	4 ·78	... ...	18	21	Sat.	21	5 ·05	9 ·82	19
21	Wed.	22	2 ·27	24 ·79	16	21	Tues.	22	5 ·82	3 ·00	19	22	Sun.	22	6 ·01 / 7 ·95	10 ·79	20
22	Thur.	23	3 ·33	25 ·89	17	22	Wed.	23	6 ·86	4 ·08	20	23	Mon.	23	8 ·88	11 ·75	21
23	Fri.	24	4 ·41	26 ·99	18	23	Thur.	24	7 ·88	5 ·13	21	24	Tues.	24	9 ·79	12 ·69	22
24	Sat.	25	5 ·49	... ..	19	24	Fri.	25	8 ·87	6 ·17	22	25	Wed.	25	10 ·70	13 ·63	23
25	Sun.	26	6 ·58	27 ·10	20	25	Sat.	26	9 ·84	7 ·19	23	26	Thur.	26	11 ·60	14 ·56	24
26	Mon.	27	7 ·65	1 ·21	21	26	Sun.	27	10 ·79	8 ·19	24	27	Fri.	27	12 ·50	15 ·49	25
27	Tues.	28	8 ·71	2 ·30	22	27	Mon.	28	11 ·73	9 ·16	25	28	Sat.	28	13 ·40	16 ·43	26
28	Wed.	29	9 ·77	3 ·39	23	28	Tues.	29	12 ·65	10 ·12	26	29	Sun.	29	14 ·31	17 ·36	27
29	Thur.	30	10 ·80	4 ·45	24	29	Wed.	30	13 ·58	11 ·07	27	—30	Mon.	30	—A ·28	18 ·31	28
30	Fri.	31	11 ·82	5 ·50	25												
	Aug.						**Oct.**						**Dec.**				
—31	Sat.	1	12 ·80	6 ·53	26	30	Thur.	1	14 ·48	12 ·02 / 13 ·95	28	1	Tues.	1	1 ·16	19 ·27	29
1	Sun.	2	13 ·78	7 ·54	27	—31	Fri.	2	—A ·38	14 ·88	29	2	Wed.	2	2 ·12	20 ·24	—30
2	Mon.	3	14 ·72	8 ·52	28	1	Sat.	3	1 ·28	15 ·81	—30	3	Thur.	3	3 ·08	21 ·23	1
3	Tues.	4	—A ·66	9 ·50	29	2	Sun.	4	2 ·18	16 ·74	1	4	Fri.	4	4 ·07	22 ·25	2
4	Wed.	5	1 ·58	10 ·45	—30	3	Mon.	5	3 ·09	17 ·68	2	5	Sat.	5	5 ·08	23 ·28	3
5	Thur.	6	2 ·49	11 ·40	1	4	Tues.	6	4 ·00 / 5 ·94	18 ·63	3	6	Sun.	6	6 ·10	24 ·33	4
6	Fri.	7	3 ·40	12 ·33	2	5	Wed.	7	6 ·88	19 ·61	4	7	Mon.	7	7 ·15	25 ·40	5
7	Sat.	8	4 ·29	13 ·26	3	6	Thur.	8	7 ·84	20 ·59	5	8	Tues.	8	8 ·22	26 ·50	6
8	Sun.	9	5 ·19	14 ·20	4	7	Fri.	9	8 ·82	21 ·59	6	9	Wed.	9	9 ·30	27 ·60	7
9	Mon.	10	6 ·09	15 ·13	5	8	Sat.	10	9 ·83	22 ·61	7	10	Thur.	10	10 ·39	1 ·71	8
10	Tues.	11	7 ·00 / 8 ·91	16 ·07	6	9	Sun.	11	10 ·85	23 ·66	8	11	Fri.	11	11 ·48	2 ·81	9
11	Wed.	12	9 ·84	17 ·01 / 18 ·97	7	10	Mon.	12	11 ·89	24 ·72	9	12	Sat.	12	12 ·56	3 ·91	10
12	Thur.	13	10 ·77	19 ·95	8	11	Tues.	13	12 ·96	25 ·80	10	13	Sun.	13	13 ·63	... ...	11
13	Fri.	14	11 ·73	20 ·94	9	12	Wed.	14	... ...	26 ·89	11	14	Mon.	14	14 ·68	4 ·00	12
14	Sat.	15	12 ·72	21 ·95	10	13	Thur.	15	13 ·03	27 ·99	12	15	Tues.	15	P ·72	5 ·07	13
15	Sun.	16	13 ·72	22 ·98	11	14	Fri.	16	14 ·12	... ...	13	16	Wed.	16	1 ·74	6 ·12	14
16	Mon.	17	14 ·74	... ...	12	15	Sat.	17	P ·20	1 ·10	14	17	Thur.	17	2 ·72	7 ·15	15
17	Tues.	18	P ·78	23 ·03	13	16	Sun.	18	1 ·29	2 ·21	15	18	Fri.	18	3 ·70	8 ·16	16
18	Wed.	19	1 ·84	24 ·11	14	17	Mon.	19	2 ·36	3 ·31	16	19	Sat.	19	4 ·65	9 ·14	17
19	Thur.	20	2 ·90	25 ·19	15	18	Tues.	20	3 ·41	4 ·38	17	20	Sun.	20	5 ·59	10 ·13	18
20	Fri.	21	3 ·98	26 ·29	16	19	Wed.	21	4 ·45	5 ·45	18	21	Mon.	21	6 ·52	11 ·08	19
21	Sat.	22	... ...	27 ·40	17	20	Thur.	22	5 ·47	6 ·49	19	22	Tues.	22	7 ·43	12 ·03 / 13 ·96	20
22	Sun.	23	4 ·08	1 ·50	18	21	Fri.	23	6 ·46	7 ·51	20	23	Wed.	23	8 ·38	14 ·89	21
23	Mon.	24	5 ·16	2 ·60	19	22	Sat.	24	7 ·43	8 ·51	21	24	Thur.	24	9 ·23	15 ·83	22
24	Tues.	25	6 ·24	3 ·69	20	23	Sun.	25	8 ·39	9 ·49	22	25	Fri.	25	10 ·14	16 ·76	23
25	Wed.	26	7 ·28	4 ·77	21	24	Mon.	26	9 ·33	10 ·45	23	26	Sat.	26	11 ·04 / 12 ·96	17 ·70	24
26	Thur.	27	8 ·32	5 ·82	22	25	Tues.	27	10 ·26	11 ·42	24	27	Sun.	27	13 ·87	18 ·64	25
27	Fri.	28	9 ·34	6 ·85	23	26	Wed.	28	11 ·17	12 ·36	25	28	Mon.	28	14 ·81	19 ·60	26
28	Sat.	29	10 ·31	7 ·86	24	27	Thur.	29	12 ·07 / 13 ·97	13 ·29	26	—29	Tues.	29	—A ·76	20 ·58	27
29	Sun.	30	11 ·29	8 ·86	25							1	Wed.	30	1 ·73	21 ·56	28
30	Mon.	31	12 ·24	9 ·82	26	28	Fri.	30	14 ·87	14 ·22	27	2	Thur.	31	2 ·72	22 ·57	—29
						—29	Sat.	31	—A ·78	15 ·15	28						

Vikārin. **Karkaṭaka—Ādi.** *Śrāvaṇa.* *Bahula.* *Sukla.* *H.* 1131 *Ramaẓān.*

Vikārin. **Siṁha—Āvaṇi.** *Bhādrapada.* *Bahula.* *Sukla.* *H.* 1131 *Shawwāl.*

Vikārin. **Kanyā—Puraṭṭāśi.** *Āśvina.* *Bahula.* *Sukla.* *H.* 1131 *Zi-l-ka'da.*

Vikārin. **Tulā—Aippaśi.** *Āśvina.* *Bahula.* *Sukla.* *H.* 1131 *Zi-l-hijja.*

Vikārin. **Vṛśchika—Kārttigai.** *Kārttika.* *Bahula.* *Sukla.* *H.* 1132 *Muharram.*

Vikārin. **Dhanus—Mārgaḷi.** *Mārgaśirsha.* *Bahula.* *Sukla.* *H.* 1132 *Śafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1720. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 29·04.** **Śaka 1642.** **Kaliyuga 4821.**
Lunar Eclipse. ○ (Arya Sid.) **March 28·95.** **(S. Cycle) Śārvari.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
3	Fri. 1	3 ·72	23 ·59	1	3	Tues. 1	3 ·21	1 ·60	2	3	Sun. 1	5 ·68	7 ·74	4
4	Sat. 2	4 ·75	24 ·66	2	4	Wed. 2	4 ·30	2 ·72	3	4	Mon. 2	6 ·69	8 ·77	5
5	Sun. 3	5 ·80	25 ·72	3	5	Thur. 3	5 ·38	3 ·82	4	5	Tues. 3	7 ·67	9 ·78	6
6	Mon. 4	6 ·86	26 ·80	4	6	Fri. 4	6 ·46	4 ·92	5	6	Wed. 4	8 ·64	10 ·77	7
7	Tues. 5	7 ·95	27 ·90	5	7	Sat. 5	7 ·52	... ...	6	7	Thur. 5	9 ·58	11 ·74	8
8	Wed. 6	... ...	... ...	6	8	Sun. 6	8 ·57	5 ·00	7	8	Fri. 6	10 ·50	12 ·71	9
9	Thur. 7	8 ·04	1 ·00	7	9	Mon. 7	9 ·60	6 ·06	8	9	Sat. 7	11 ·43	13 ·66	10
10	Fri. 8	9 ·14	2 ·11	8	10	Tues. 8	10 ·60	7 ·11	9	10	Sun. 8	12 ·33	14 ·60	11
11	Sat. 9	10 ·22	3 ·21	9	11	Wed. 9	11 ·59	8 ·13	10	11	Mon. 9	13 ·24	15 ·53	12
12	Sun. 10	11 ·28	4 ·31	10	12	Thur. 10	12 ·56	9 ·13	11	12	Tues. 10	14 ·14	16 ·47	13
13	Mon. 11	12 ·33	5 ·38	11	13	Fri. 11	13 ·51	10 ·12	12			P ·03		
14	Tues. 12	13 ·86	6 ·44	12	14	Sat. 12	14 ·44	11 ·08	13	13	Wed. 11	1 ·93	17 ·40	14
15	Wed. 13	14 ·38	7 ·47	13				12 ·05				2 ·83	18 ·33	15
16	Thur. 14	P ·37	8 ·48	14	15	Sun. 13	P ·36	13 ·99	14	14	Thur. 12	3 ·76	19 ·27	16
17	Fri. 15	1 ·35	9 ·48	15	16	Mon. 14	1 ·27	14 ·92	15	15	Fri. 13	4 ·69	20 ·22	17
18	Sat. 16	2 29	10 ·46	16	17	Tues. 15	2 ·16	15 ·85	16	16	Sat. 14	5 ·64	21 ·20	18
19	Sun. 17	3 ·28	11 ·42	17			3 ·07			17	Sun. 15	6 ·60	22 ·19	19
20	Mon. 18	4 ·15	12 ·36	18	18	Wed. 16	4 ·96	16 ·78	17	18	Mon. 16	7 ·59	23 ·19	20
21	Tues. 19	5 ·06	13 ·30	19	19	Thur. 17	5 ·88	17 ·72	18	19	Tues. 17	8 ·58	24 ·21	21
22	Wed. 20	6 ·96	14 ·24	20	20	Fri. 18	6 ·79	18 ·66	19	20	Wed. 18	9 ·61	25 ·25	22
23	Thur. 21	7 ·86	15 ·17	21	21	Sat. 19	7 ·71	19 ·61	20	21	Thur. 19	10 ·66	26 ·33	23
24	Fri. 22	8 ·77	16 ·10	22	22	Sun. 20	8 ·64	20 ·56	21	22	Fri. 20	11 ·72	27 ·41	24
25	Sat. 23	9 ·67	17 ·04	23	23	Mon. 21	9 ·59	21 ·54	22	23	Sat. 21	12 ·80	1 ·50	25
		10 ·59	18 ·98		24	Tues. 22	10 ·56	22 ·53	23	24	Sun. 22	13 ·88	2 ·61	26
26	Sun. 24	11 ·50	19 ·93	24	25	Wed. 23	11 ·54	23 ·55	24	25	Mon. 23	14 ·97	3 ·72	27
27	Mon. 25	12 ·45	20 ·90	25	26	Thur. 24	12 ·55	24 ·60	25	26	Tues. 24	... ...	4 ·83	28
28	Tues. 26	13 ·40	21 ·89	26	27	Fri. 25	13 ·58	25 ·65	26	27	Wed. 25	A ·04	5 ·92	29
29	Wed. 27	14 ·36	22 ·89	27	28	Sat. 26	14 ·64	26 ·71	27	28	Thur. 26	1 ·10	6 ·99	30
30	Thur. ● 28	A ·35	23 ·91	28	29	Sun. 27	A ·71	27 ·80	28	29	Fri. 27	2 ·15	... ...	1
1	Fri. 29	1 ·36	24 ·96	29	30	Mon. 28	1 ·78	1 ·91	29	30	Sat. 28	3 ·17	7 ·05	2
2	Sat. 30	2 ·40	... ...	30	1	Tues. 29	2 ·87	... ...	30	31	Sun. 29	4 ·19	8 ·09	3
3	Sun. 31	3 ·45	25 ·02	1	2	Wed. 30	3 ·94	2 ·01	1	1	Mon. 30	5 ·17	9 ·10	4
					3	Thur. 31	... ...	3 ·12	2	2	Tues. 31			
	Feb.					**April.**					**June.**			
4	Mon. 1	4 ·52	26 ·10	2	4	Fri. 1	4 ·02	4 ·22	3	3	Wed. 1	6 ·14	10 ·11	5
5	Tues. 2	5 ·59	27 ·20	3	5	Sat. 2	5 ·08	5 ·30	4	4	Thur. 2	7 ·07	11 ·08	6
6	Wed. 3	6 ·69	1 ·30	4	6	Sun. 3	6 ·14	6 ·38	5			8 ·01	12 ·05	
7	Thur. 4	7 ·77	2 ·41	5	7	Mon. 4	7 ·16	7 ·43	6	5	Fri. 3	9 ·93	13 ·99	7
8	Fri. 5	8 ·85	3 ·52	6	8	Tues. 5	8 ·16	8 ·45	7	6	Sat. 4	10 ·83	14 ·93	8
9	Sat. 6	9 ·92	4 ·61	7	9	Wed. 6	9 ·15	9 ·46	8	7	Sun. 5	11 ·73	15 ·88	9
10	Sun. 7	10 ·98	5 ·69	8	10	Thur. 7	10 ·11	10 ·44	9	8	Mon. 6	12 ·63	16 ·81	10
11	Mon. 8	... ...	6 ·75	9	11	Fri. 8	11 ·06	11 ·41	10	9	Tues. 7	13 ·53	17 ·73	11
12	Tues. 9	11 ·00	7 ·79	10			12 ·99			10	Wed. 8	14 ·42	18 ·67	12
13	Wed. 10	12 ·01	8 ·81	11	12	Sat. 9	13 ·92	12 ·38	11	11	Thur. 9	P ·33	19 ·61	13
14	Thur. 11	13 ·00	9 ·81	12	13	Sun. 10	14 ·82	13 ·32	12	12	Fri. 10	1 ·25	20 ·57	14
		14 ·97			14	Mon. 11	P ·72	14 ·26	13	13	Sat. 11	2 ·18	21 ·53	15
15	Fri. 12	P ·91	10 ·79	13	15	Tues. 12	1 ·62	15 ·19	14	14	Sun. 12	3 ·12	22 ·51	16
16	Sat. 13	1 ·85	11 ·75	14	16	Wed. 13	2 ·51	16 ·12	15	15	Mon. 13	4 ·08	23 ·51	17
17	Sun. 14	2 ·77	12 ·70	15	17	Thur. 14	3 ·42	17 ·06	16	16	Tues. 14	5 ·06	24 ·53	18
18	Mon. 15	3 ·68	13 ·65	16				18 ·99		17	Wed. 15	6 ·06	25 ·57	19
19	Tues. 16	4 ·58	14 ·58	17	18	Fri. 15	4 ·32	19 ·94	17	18	Thur. 16	7 ·09	26 ·63	20
20	Wed. 17	5 ·49	15 ·51	18	19	Sat. 16	5 ·25	20 ·89	18	19	Fri. 17	8 ·13	27 ·71	21
21	Thur. 18	6 ·38	16 ·44	19	20	Sun. 17	6 ·18	21 ·86	19	20	Sat. 18	9 ·20	1 ·80	22
22	Fri. 19	7 ·29	17 ·37	20	21	Mon. 18	7 ·14	22 ·86	20	21	Sun. 19	10 ·27	2 ·91	23
23	Sat. 20	8 ·21	18 ·32	21	22	Tues. 19	8 ·09	23 ·87	21	22	Mon. 20	11 ·35	... ...	24
24	Sun. 21	9 ·12	19 ·27	22	23	Wed. 20	9 ·07	24 ·90	22	23	Tues. 21	12 ·43	3 ·02	25
25	Mon. 22	10 ·07	20 ·23	23	24	Thur. 21	10 ·08	25 ·94	23	24	Wed. 22	13 ·51	4 ·13	26
26	Tues. 23	11 ·01	21 ·21	24	25	Fri. 22	11 ·11	... ...	24	25	Thur. 23	14 ·58	5 ·22	27
		12 ·98			26	Sat. 23	12 ·17	26 ·01	25	26	Fri. 24	A ·62	6 ·30	28
27	Wed. 24	13 ·96	22 ·21	25	27	Sun. 24	13 ·23	27 ·10	26	27	Sat. 25	1 ·65	7 ·36	29
28	Thur. 25	14 ·98	23 ·22	26	28	Mon. 25	14 ·30	1 ·20	27	28	Sun. 26	2 ·66	8 ·40	1
29	Fri. 26	... ...	24 ·27	27	29	Tues. 26	A ·38	2 ·31	28	29	Mon. 27	3 ·63	9 ·43	2
30	Sat. 27	A ·01	25 ·33	28	30	Wed. 27	1 ·46	3 ·42	29	30	Tues. 28	4 ·61	10 ·43	3
1	Sun. 28	1 ·06	26 ·40	29	31	Thur. 28	2 ·54	4 ·52	1	31	Wed. 29	5 ·55	11 ·41	4
2	Mon. 29	2 ·13	27 ·50	1	1	Fri. 29	3 ·61	5 ·62	2	32	Thur. 30	6 ·48	12 ·38	5
					2	Sat. 30	4 ·66	6 ·69	3					

Nakshatras: 1. Aśvin 2 Bhar 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Hast. 14. U. Hast. 15. Chit.

A.D. 1720. **Kollam 896,** { **N. Malabar—Sep.** **Hijra 1133.** **Vikrama 1777.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 22.** **Bengal San. 1126.**
P—Paurnimā. **(N. Cycle) Sādhāraṇa.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari. **Karkaṭaka—Ādi.**	**July.**			
1	Fri. 1	*Śukla.* 7 ·40	13 ·38	6
2	Sat 2	8 ·31	14 ·28	7
3	Sun. 3	9 ·21	15 ·21	8
4	Mon. 4	10 ·11	16 ·14	9
5	Tues. 5	11 ·00 / 12 ·90	17 ·07	10
6	Wed. 6	**Āshādha.** 13 ·81	18 ·00 / 19 ·94	11
7	Thur. 7	14 ·72	20 ·89	12
8	Fri. 8	**P** ·65	21 ·86	13
9	Sat. 9	1 ·60	22 ·84	14
10	Sun. 10	2 ·57	23 ·83	15
11	Mon. 11	3 ·54	24 ·85	16
12	Tues. 12	4 ·54	25 ·88	17
13	Wed. 13	5 ·57	26 ·94	18
14	Thur. 14	6 ·61	.. ..	19
15	Fri. 15	*Bahula.* 7 ·67	27 ·01	*H.* 1132 *Ramaẓān.* 20
16	Sat. 16	8 ·74	1 ·10	21
17	Sun. 17	9 ·83	2 ·20	22
18	Mon. 18	10 ·90	3 ·32	23
19	Tues. 19	11 ·98	4 ·43	24
20	Wed. 20	.. ..	5 ·52	25
21	Thur. 21	12 ·05	6 ·60	26
22	Fri. 22	13 09	7 ·67	27
23	Sat. 23	14 ·13	8 ·73	28
24	Sun. 24	**A** ·14	9 ·75	29
25	Mon. 25	1 ·13	10 ·76	30
26	Tues. 26	2 ·99	11 ·74	1
27	Wed. 27	3 ·04 / 4 ·98	12 ·71	2
28	Thur. 28	5 ·90	13 ·67	3
29	Fri. 29	6 ·80	14 ·62	4
30	Sat. 30	7 ·70	15 ·55	5
31	Sun. 31	*Sukla.* 8 ·60	16 ·48	6
Śārvari. **Siṁha—Śrāvaṇi.**	**Aug.**			
1	Mon. 1	9 ·50	17 ·41	7
2	Tues. 2	10 ·41	18 ·35	8
3	Wed. 3	11 ·30	19 ·29	9
4	Thur. 4	12 ·22	20 ·23	10
5	Fri. 5	13 ·15	21 ·19	11
6	Sat. 6	14 ·09	22 ·16	12
7	Sun. 7	**P** ·06	23 ·15	13
8	Mon. 8	1 ·03	24 ·17	14
9	Tues. 9	2 ·04	25 ·20	15
10	Wed. 10	3 ·06	26 ·25	16
11	Thur. 11	4 ·11	27 ·32	17
12	Fri. 12	5 ·17	1 ·40	18
13	Sat. 13	6 ·23	2 ·51	19
14	Sun. 14	7 ·31	3 ·62	20
15	Mon. 15	8 ·41	4 ·73	21
16	Tues. 16	9 ·49	5 ·83	22
17	Wed. 17	10 ·55	6 ·92	23
18	Thur. 18	11 ·60	7 ·99	24
19	Fri. 19	12 ·62	.. ..	25
20	Sat. 20	13 ·64	8 ·04	26
21	Sun. 21	14 ·63	9 ·07	27
22	Mon. 22	**A** ·60	10 ·08	28
23	Tues. 23	1 ·56	11 ·07	29
24	Wed. 24	2 ·49	12 ·05	30
25	Thur. 25	3 ·41	13 ·02 / 14 ·96	1
26	Fri. 26	*Sukla.* 4 ·32	15 ·89	*H.* 1132 *Zi-l-ka'da.* 2
27	Sat. 27	5 ·21	16 ·82	3
28	Sun. 28	6 ·11	17 ·76	4
29	Mon. 29	7 ·01 / 8 ·92	18 ·69	5
30	Tues. 30	9 ·82	19 ·62	6
31	Wed. 31	10 ·75	20 ·57	7

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari. **Kanyā—Puraṭṭāśi.**	**Sep.**			
1	Thur. 1	11 ·67	21 ·52	9
2	Fri. 2	12 ·62	22 49	10
3	Sat. 3	13 ·58	23 ·48	11
4	Sun. 4	**P** ·54	24 ·49	12
5	Mon. 5	14 ·56	25 ·51	13
6	Tues. 6	1 59	26 ·56	14
7	Wed. 7	2 ·64	27 ·62	15
8	Thur. 8	3 ·69	1 ·71	16
9	Fri. 9	4 ·76	2 ·81	17
10	Sat. 0	5 ·85	3 ·92	18
11	Sun. 11	6 ·93	.. ..	19
12	Mon. 12	*Bahula.*	4 ·02	*H.* 1132 *Zi-l-ka'da.* 20
13	Tues. 13	7 ·01	5 12	21
14	Wed. 14	8 ·08	6 ·22	22
15	Thur. 15	9 ·14	7 ·29	23
16	Fri. 16	10 ·17	8 ·35	24
17	Sat. 17	11 ·19	9 ·39	25
18	Sun. 18	12 ·17	10 ·40	26
19	Mon. 19	13 ·15	11 ·40	27
20	Tues. 20	14 ·10	12 ·38	28
21	Wed. 21	**A** ·03 / 1 ·95	13 ·34	29
22	Thur. 22	2 ·86	14 ·29	—30
23	Fri. 23	3 ·77	15 ·23	1
24	Sat. 24	4 ·67	16 ·16	2
25	Sun. 25	5 ·58	17 ·10	3
26	Mon. 26	*Sukla* 6 ·47	18 ·03 / 19 ·96	4
27	Tues. 27	7 ·37	20 ·90	5
28	Wed. 28	8 ·30	21 ·85	6
29	Thur. 29	9 ·23	22 ·83	7
30	Fri. 30	10 ·18	23 ·81	8
31	Sat. 1	**Oct.** 11 ·14	24 ·81	9
Śārvari. **Tulā—Aippaśi.**				
1	Sun. 2	12 ·13	25 ·83	10
2	Mon. 3	13 ·13	26 ·87	11
3	Tues. 4	14 ·15	27 ·93	12
4	Wed. 5	**P** ·19	.	13
5	Thur. 6	1 ·25	1 ·02	14
6	Fri. 7	2 ·33	2 ·11	15
7	Sat. 8	3 ·42	3 ·21	16
8	Sun. 9	4 ·51	4 ·32	17
9	Mon. 10	5 ·58	5 ·43	18
10	Tues. 11	*Bahula.* 6 ·66	6 ·53	19
11	Wed. 12	7 ·72	7 ·61	20
12	Thur. 13	8 ·75	8 ·66	21
13	Fri. 14	9 ·77	9 ·70	22
14	Sat. 15	10 ·75	10 ·72	23
15	Sun. 16	11 ·72	11 ·73	24
16	Mon. 17	12 ·68	12 ·71	25
17	Tues. 18	13 ·62	13 ·67	26
18	Wed. 19	14 ·54	14 ·62	27
19	Thur. 20	**A** ·45	15 ·57	28
20	Fri. 21	1 ·36	16 ·51	—29
21	Sat. 22	2 ·25	17 ·44	1
22	Sun. 23	3 ·16	18 ·37	2
23	Mon. 24	4 ·06 / *Sukla* 5 ·97	19 ·30	*H.* 1133 *Muharram.* 3
24	Tues. 25	6 ·90	20 ·24	4
25	Wed. 26	7 ·83	21 ·20	5
26	Thur. 27	8 ·77	22 ·16	6
27	Fri. 28	9 ·73	23 ·13	7
28	Sat. 29	10 ·75	24 ·13	8
29	Sun. 30	11 ·73	25 ·14	9
30	Mon. 31	12 ·76	26 ·19	10

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śārvari. **Vṛiśchika—Kārttigai.**	**Nov.**			
1	Tues. 1	13 ·80	27 ·24	11
2	Wed. 2	14 ·87	1 ·32	12
3	Thur. 3	**P** ·96	2 ·41	13
4	Fri. 4	.. ...	3 ·51	14
5	Sat. 5	1 ·04	4 ·63	15
6	Sun. 6	2 ·13	5 ·73	16
7	Mon. 7	3 ·20	6 ·83	17
8	Tues. 8	4 ·27	7 ·91	18
9	Wed. 9	5 ·33	8 ·98	19
10	Thur. 10	*Bahula.* 6 ·37	.. ...	*H.* 1133 *Muharram.* 20
11	Fri. 11	7 ·38	9 ·02	21
12	Sat. 12	8 ·36	10 ·05	22
13	Sun. 13	9 ·34	11 ·06	23
14	Mon. 14	10 ·29	12 ·04	24
15	Tues. 15	11 ·24	13 ·01 / 14 ·96	25
16	Wed. 16	12 ·16	15 ·91	26
17	Thur. 17	13 ·08 / 14 ·98	16 ·85	27
18	Fri. 18	**A** ·87	17 ·78	28
19	Sat. 19	1 ·78	18 ·70	29
20	Sun. 20	2 ·69	19 ·64	—30
21	Mon. 21	3 ·60	20 ·58	1
22	Tues. 22	4 ·51	21 ·53	2
23	Wed. 23	5 ·44	22 ·49	3
24	Thur. 24	6 ·40	23 ·46	4
25	Fri. 25	7 ·37	24 ·45	5
26	Sat. 26	*Sukla.* 8 ·35	25 ·47	6
27	Sun. 27	9 ·36	26 ·50	7
28	Mon. 28	10 ·40	27 ·55	8
29	Tues. 29	11 ·4	1 ·62	9
30	Wed. 30	12 ·51	2 ·71	10
Śārvari. **Dhanus—Mārgali.**	**Dec.**			
1	Thur. 1	13 ·60	3 ·81	11
2	Fri. 2	14 ·68	4 ·93	12
3	Sat. 3	**P** ·77	.. ...	13
4	Sun. 4	1 ·85	5 ·03	14
5	Mon. 5	2 ·92	6 ·13	15
6	Tues. 6	3 98	7 ·22	16
7	Wed. 7	.. ..	8 ·29	17
8	Thur. 8	4 ·02	9 ·34	18
9	Fri. 9	5 ·02	10 ·37	19
10	Sat. 10	6 ·01 / 7 ·97	11 ·38	20
11	Sun. 11	*Bahula.* 8 ·93	12 ·37	21
12	Mon. 12	9 ·87	13 ·34	22
13	Tues. 13	10 ·79	14 29	23
14	Wed. 14	11 ·71	15 ·24	24
15	Thur. 15	12 ·61	16 ·18	25
16	Fri. 16	13 ·51	17 ·11	26
17	Sat. 17	14 ·42	18 04 / 19 ·98	27
18	Sun. 18	**A** ·33	20 ·92	28
19	Mon. 19	1 ·24	21 ·86	—29
20	Tues. 20	2 16	22 ·82	1
21	Wed. 21	3 ·09	23 ·79	2
22	Thur. 22	4 ·04	24 ·78	3
23	Fri. 23	5 ·00	25 ·79	4
24	Sat. 24	6 ·00	26 ·81	5
25	Sun. 25	7 ·01	27 ·86	6
26	Mon. 26	8 04	1 ·93	7
27	Tues. 27	*Sukla.* 9 ·09	... ...	8
28	Wed. 28	10 ·16	2 ·02	9
29	Thur. 29	11 ·24	3 ·12	*H.* 1133 *Rabi-ul awwal.* 10
30	Fri. 30	12 ·34	4 ·22	11
31	Sat. 31	13 ·42	5 ·33	12
		Pausha.		*H.* 1133 *Ṣafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1721. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·30.** **Śaka 1643.** **Kaliyuga 4822.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·21.** **(S. Cycle) Plava.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Śārvari. **Makara—Tai.** 3	Sun. 1	14 ·50	6 ·43	13
4	Mon.○ 2	**P** ·58	7 ·52	14
5	Tues. 3	1 ·63	8 ·60	15
6	Wed. 4	2 ·66	9 ·66	16
7	Thur. 5	3 ·66	10 ·69	17
8	Fri. 6	4 ·66	11 ·70	18
9	Sat. 7	5 ·62	12 ·69	19
10	Sun. 8	6 ·58	13 ·68	20
11	Mon. 9	7 ·52	14 ·63	21
12	Tues. 10	8 ·44	15 ·58	22
13	Wed. 11	9 ·34	16 ·52	23
14	Thur. 12	10 ·24	17 ·45	24
15	Fri. 13	11 ·14	18 ·39	25
16	Sat. 14	12 ·05 / 13 ·95	19 ·32	26
17	Sun. 15	14 ·87	20 ·26	27
18	Mon. 16	**A** ·80	21 ·20	28
19	Tues. 17	1 ·73	22 ·15	29
20	Wed. 18	2 ·68	23 ·11	—30
21	Thur. 19	3 ·65	24 ·11	1
22	Fri. 20	4 ·64	25 ·11	2
23	Sat. 21	5 ·65	26 ·13	3
24	Sun. 22	6 ·69	27 ·17	4
25	Mon. 23	7 ·74	1 ·23	5
26	Tues. 24	8 ·81	2 ·32	6
27	Wed. 25	9 ·90	3 ·42	7
28	Thur. 26	10 ·98	4 ·52	8
—29	Fri. 27	... ...	5 ·63	9
1	Sat. 28	11 ·06	6 ·73	10
2	Sun. 29	12 ·15	7 ·83	11
3	Mon. 30	13 ·22	8 ·91	12
4	Tues. 31	14 ·27	9 ·97	13
	Feb.			
Śārvari. **Kumbha—Māśi.** 5	Wed. 1	**P** ·29	... ...	14
6	Thur. 2	1 ·30	10 ·01	15
7	Fri. 3	2 ·29	11 ·02	16
8	Sat. 4	3 ·25	12 ·03	17
9	Sun. 5	4 ·20	13 ·01 / 14 ·97	18
10	Mon. 6	5 ·13	15 ·92	19
11	Tues. 7	6 ·06 / 7 ·97	16 ·86	20
12	Wed. 8	8 ·88	17 ·80	21
13	Thur. 9	9 ·77	18 ·73	22
14	Fri. 10	10 ·67	19 ·66	23
15	Sat. 11	11 ·57	20 ·59	24
16	Sun. 12	12 ·49	21 ·53	25
17	Mon. 13	13 ·41	22 ·48	26
18	Tues. 14	14 ·34	23 ·45	27
19	Wed. 15	**A** ·30	24 ·43	28
20	Thur. 16	1 ·27	25 ·43	—29
21	Fri. 17	2 ·26	26 ·44	1
22	Sat. 18	3 ·27	27 ·48	2
23	Sun. 19	4 ·31	1 ·55	3
24	Mon. 20	5 ·38	2 ·62	4
25	Tues. 21	6 ·43	3 ·72	5
26	Wed. 22	7 ·52	4 ·82	6
27	Thur. 23	8 ·60	5 ·93	7
28	Fri. 24	9 ·69	... ...	8
29	Sat. 25	10 ·77	6 ·04	9
—30	Sun. 26	11 ·83	7 ·14	10
1	Mon. 27	12 ·88	8 ·22	11
2	Tues. 28	13 ·90	9 ·28	12
	March.			
Śārvari. **Mīna—Panguni.** 3	Wed. 1	14 ·91	10 ·32	13
4	Thur. 2	**P** ·89	11 ·35	14
5	Fri. 3	1 ·86	12 ·35	15
6	Sat. 4	2 ·80	13 ·34	16
7	Sun. 5	3 ·73	14 ·30	17
8	Mon. 6	4 ·65	15 ·25	18
9	Tues. 7	5 ·56	16 ·20	19
10	Wed. 8	6 ·47	17 ·13	20
11	Thur. 9	7 ·36	18 ·07	21
12	Fri. 10	8 ·27	19 ·00 / 20 ·93	22
13	Sat. 11	9 ·17	21 ·87	23
14	Sun. 12	10 ·08	22 ·82	24
15	Mon. 13	11 ·00 / 12 ·93	23 ·78	25
16	Tues. 14	13 ·90	24 ·76	26
17	Wed. 15	14 ·86	25 ·75	27
18	Thur. 16	**A** ·85	26 ·76	28
19	Fri. 17	1 ·85	27 ·80	29
20	Sat. 18	2 ·89	1 ·86	—30
21	Sun. 19	3 ·94	2 ·93	1
22	Mon. 20	... ...	... ...	2
23	Tues. 21	4 ·02	3 ·02	3
24	Wed. 22	5 ·10	4 ·12	4
25	Thur. 23	6 ·18	5 ·23	5
26	Fri. 24	7 ·27	6 ·34	6
27	Sat. 25	8 ·35	7 ·44	7
28	Sun. 26	9 ·41	8 ·52	8
29	Mon. 27	10 ·45	9 ·59	9
—30	Tues. 28	11 ·48	10 ·65	10
1	Wed. 29	12 ·48	11 ·67	11
2	Thur. 30	13 ·46	12 ·68	12
3	Fri. 31	14 ·42	13 ·66	13
	April.			
Plava. **Mēsha—Chittirai.** 4	Sat. 1	**P** ·36	14 ·63	14
5	Sun. 2	1 ·30	15 ·59	15
6	Mon. 3	2 ·22	16 ·55	16
7	Tues. 4	3 ·13	17 ·48	17
8	Wed. 5	4 ·02 / 5 ·92	18 ·41	18
9	Thur. 6	6 ·82	19 ·34	19
10	Fri. 7	7 ·72	20 ·27	20
11	Sat. 8	8 ·63	21 ·21	21
12	Sun. 9	9 ·55	22 ·16	22
13	Mon. 10	10 ·49	23 ·14	23
14	Tues. 11	11 ·44	24 ·08	24
15	Wed. 12	12 ·40	25 ·07	25
16	Thur. 13	13 ·39	26 ·09	26
17	Fri. 14	14 ·39	27 ·12	27
18	Sat. 15	**A** ·43	1 ·16	28
19	Sun. 16	1 ·48	2 ·23	—29
20	Mon. 17	2 ·56	3 ·32	1
21	Tues. 18	3 ·64	4 ·43	2
22	Wed. 19	4 ·72	5 ·53	3
23	Thur. 20	5 ·79	6 ·64	4
24	Fri. 21	6 ·87	7 ·74	5
25	Sat. 22	7 ·94	8 ·83	6
26	Sun. 23	8 ·98	9 ·90	7
27	Mon. 24	... ...	10 ·96	8
28	Tues. 25	9 ·01	11 ·99	9
29	Wed. 26	10 ·00 / 11 ·99	... ...	10
30	Thur. 27	12 ·95	12 ·00 / 13 ·99	11
—31	Fri. 28	13 ·89	14 ·96	12
1	Sat. 29	14 ·83	15 ·93	13
2	Sun. 30	**P** ·74	16 ·88	14
	May.			
Plava. **Vrishabha—Vaigāśi.** 3	Mon. 1	1 ·65	17 ·82	15
4	Tues. 2	2 ·54	18 ·75	16
5	Wed. 3	3 ·45	19 ·68	17
6	Thur. 4	4 ·34	20 ·62	18
7	Fri. 5	5 ·23	21 ·55	19
8	Sat. 6	6 ·14	22 ·49	20
9	Sun. 7	7 ·06	23 ·45	21
10	Mon. 8	8 ·00 / 9 ·96	24 ·41	22
11	Tues. 9	10 ·92	25 ·41	23
12	Wed. 10	11 ·90	26 ·41	24
13	Thur. 11	12 ·91	27 ·43	25
14	Fri. 12	13 ·95	1 ·47	26
15	Sat. 13	14 ·99	2 ·54	27
16	Sun. 14	... ...	3 ·63	28
17	Mon. 15	**A** ·06	4 ·72	29
18	Tues. 16	1 ·13	5 ·83	—30
19	Wed. 17	2 ·22	6 ·94	1
20	Thur. 18	3 ·30	... ...	2
21	Fri. 19	4 ·38	7 ·04	3
22	Sat. 20	5 ·44	8 ·13	4
23	Sun. 21	6 ·47	9 ·22	5
24	Mon. 22	7 ·50	10 ·27	6
25	Tues. 23	8 ·50	11 ·31	7
26	Wed. 24	9 ·49	12 ·32	8
27	Thur. 25	10 ·45	13 ·32	9
28	Fri. 26	11 ·40	14 ·30	10
29	Sat. 27	12 ·32	15 ·27	11
30	Sun. 28	13 ·24	16 ·21	12
31	Mon. 29	14 ·14	17 ·15	13
—32	Tues. 30	**P** ·03 / 1 ·94	18 ·09	14
1	Wed. 31	2 ·84	19 ·02 / 20 ·95	15
	June.			
Plava. **Mithuna—Āni.** 2	Thur. 1	3 ·74	21 ·89	16
3	Fri. 2	4 ·65	22 ·83	17
4	Sat. 3	5 ·57	23 ·78	18
5	Sun. 4	6 ·49	24 ·74	19
6	Mon. 5	7 ·44	25 ·72	20
7	Tues. 6	8 ·41	26 ·73	21
8	Wed. 7	9 ·39	27 ·75	22
9	Thur. 8	10 ·39	1 ·78	23
10	Fri. 9	11 ·42	2 ·84	24
11	Sat. 10	12 ·47	3 ·93	25
12	Sun. 11	13 ·53	... ...	26
13	Mon. 12	14 ·60	4 ·02	27
14	Tues. 13	**A** ·69	5 ·13	28
15	Wed. 14	1 ·77	6 ·24	—29
16	Thur. 15	2 ·85	7 ·35	1
17	Fri. 16	3 ·91	8 ·44	2
18	Sat. 17	4 ·95	9 ·52	3
19	Sun. 18	5 ·98	10 ·58	4
20	Mon. 19	6 ·98	11 ·62	5
21	Tues. 20	7 ·97	12 ·64	6
22	Wed. 21	8 ·93	13 ·65	7
23	Thur. 22	9 ·88	14 ·63	8
24	Fri. 23	10 ·80	15 ·60	9
25	Sat. 24	11 ·72	16 ·55	10
26	Sun. 25	12 ·62	17 ·49	11
27	Mon. 26	13 ·53	18 ·43	12
28	Tues. 27	14 ·42	19 ·36	13
29	Wed.○ 28	**P** ·31	20 ·29	14
30	Thur. 29	1 ·22	21 ·22	15
—31	Fri. 30	2 ·12	22 ·16	16

Nakah:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1721. **Kollam 897,** { **N. Malabar—Sep.** **Hijra 1134.** **Vikrama 1778.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 11.** **Bengal San. 1127.**
P—Paurnimā. **(N. Cycle) Virodhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
						—31	Fri.	1									
			3 ·04			1	Sat.	2							8 ·57	9 ·05	22
1	Sat.	1	4 ·97	23 ·11	17												
2	Sun.	2	5 ·92	24 ·08	18	2	Sun.	3	7 ·01	5 ·03	22	1	Wed.	1	9 ·62	10 ·13	23
3	Mon.	3	6 ·88	25 ·06	19	3	Mon.	4	8 ·08	6 ·14	23	2	Thur.	2	10 ·66	11 ·20	24
4	Tues.	4	7 ·86	26 ·05	20	4	Tues.	5	9 ·16	7 ·24	24	3	Fri.	3	11 ·67	12 ·24	25
5	Wed.	5	8 ·88	27 ·06	21	5	Wed.	6	10 ·25	8 ·35	25	4	Sat.	4	12 ·66	13 ·26	26
6	Thur.	6	9 ·89	1 ·10	22	6	Thur.	7	11 ·33	9 ·44	26	5	Sun.	5	13 ·62	14 ·28	27
7	Fri.	7	10 ·95	2 ·16	23	7	Fri.	8	12 ·40	10 ·52	27	6	Mon.	6	14 ·58	15 ·26	28
8	Sat.	8	... ...	3 ·23	24	8	Sat.	9	13 ·45	11 ·57	28	7	Tues.	7	—A ·52	16 ·23	29
9	Sun.	9	11 ·01	4 ·82	25	9	Sun.	10	14 ·48	12 ·62	29	8	Wed.	8	1 ·45	17 ·18	—30
10	Mon.	10	12 ·08	5 ·42	26	10	Mon.	11	—A ·49	13 ·62	—30	9	Thur.	9	2 ·36	18 ·12	1
11	Tues.	11	13 ·16	6 ·53	27	11	Tues.	12	1 ·47	14 ·62	1	10	Fri.	10	3 ·25	19 ·06	2
12	Wed.	12	14 ·24	7 ·64	28	12	Wed.	13	2 ·45	15 ·59	2	11	Sat.	11	4 ·16	20 ·99	3
13	Thur. ●	13	—A ·32	8 ·74	29	13	Thur.	14	3 ·40	16 ·56	3	12	Sun.	12	5 ·06	21 ·92	4
14	Fri.	14	1 ·38	9 ·83	—30	14	Fri.	15	4 ·33	17 ·51	4	13	Mon.	13	6 ·97	22 ·86	5
15	Sat.	15	2 ·43	10 ·89	1	15	Sat.	16	5 ·25	18 ·45	5	14	Tues.	14	7 ·87	23 ·79	6
16	Sun.	16	3 ·46	11 ·94	2				6 ·16			15	Wed.	15	8 ·80	24 ·74	7
17	Mon.	17	4 ·47	12 ·97	3	16	Sun.	17	7 ·07	19 ·38	6	16	Thur.	16	9 ·74	25 ·71	8
18	Tues.	18	5 ·45	13 ·98	4	17	Mon.	18	8 ·98	20 ·31	7	17	Fri.	17	10 ·68	26 ·68	9
19	Wed.	19	6 ·41	14 ·97	5	18	Tues.	19	9 ·87	21 ·25	8	18	Sat.	18	11 ·65	27 ·67	10
20	Thur.	20	7 ·36	15 ·95	6	19	Wed.	20	10 ·76	22 ·18	9	19	Sun.	19	12 ·63	1 ·68	11
21	Fri.	21	8 ·29	16 ·90	7	20	Thur.	21	11 ·67	23 ·12	10	20	Mon.	20	13 ·66	2 ·71	12
22	Sat.	22	9 ·21	17 ·84	8	21	Fri.	22	12 ·59	24 ·07	11	21	Tues.	21	14 ·68	3 ·77	13
23	Sun.	23	10 ·11	18 ·77	9	22	Sat.	23	13 ·52	25 ·04	12	22	Wed.	22	P ·73	4 ·84	14
24	Mon.	24	11 ·02	19 ·70	10	23	Sun.	24	14 ·46	26 ·03	13	23	Thur.	23	1 ·79	5 ·93	15
25	Tues.	25	12 ·92	20 ·63	11	24	Mon.	25	P ·44	27 ·03	14	24	Fri.	24	2 ·88	... ...	16
26	Wed.	26	13 ·81	21 ·56	12	25	Tues.	26	1 ·42	1 ·05	15	25	Sat.	25	3 ·97	6 ·03	17
27	Thur.	27	14 ·71	22 ·50	13	26	Wed.	27	2 ·44	2 ·09	16	26	Sun.	26	... ...	7 ·14	18
28	Fri.	28	P ·62	23 ·45	14	27	Thur.	28	3 ·45	3 ·15	17	27	Mon.	27	4 ·05	8 ·25	19
29	Sat.	29	1 ·54	24 ·41	15	28	Fri.	29	4 ·50	4 ·24	18	28	Tues.	28	5 ·14	9 ·35	20
30	Sun.	30	2 ·46	25 ·38	16	29	Sat.	30	5 ·57	5 ·33	19	29	Wed.	29	6 ·21	10 ·44	21
31	Mon.	31	3 ·41	26 ·37	17				6 ·64			—30	Thur.	30	7 ·27	11 ·51	
			4 ·37														
	Aug.						**Oct.**						**Dec.**				
—32	Tues.	1	5 ·36	27 ·38	18	—30	Sun.	1	7 ·73	6 ·43	20	1	Fri.	1	8 ·29	12 ·55	22
1	Wed.	2	6 ·37	1 ·42	19	1	Mon.	2	8 ·82	7 ·54	21	2	Sat.	2	9 ·31	13 ·59	23
2	Thur.	3	7 ·38	2 ·47	20	2	Tues.	3	9 ·90	8 ·65	22	3	Sun.	3	10 ·29	14 ·60	24
3	Fri.	4	8 ·43	3 ·54	21	3	Wed.	4	10 ·97	9 ·74	23	4	Mon.	4	11 ·25	15 ·59	25
4	Sat.	5	9 ·50	4 ·62	22	4	Thur.	5	... ...	10 ·83	24	5	Tues.	5	12 ·20	16 ·56	26
5	Sun.	6	10 ·57	5 ·72	23	5	Fri.	6	11 ·01	11 ·89	25	6	Wed.	6	13 ·14	17 ·51	27
6	Mon.	7	11 ·65	6 ·84	24	6	Sat.	7	12 ·05	12 ·92	26	7	Thur.	7	14 ·07	18 ·47	28
7	Tues.	8	12 ·74	7 ·95	25	7	Sun.	8	13 ·06	13 ·94	27				A ·98		
8	Wed.	9	13 ·81	... ...	26	8	Mon.	9	14 ·05	14 ·94	28	8	Fri.	8	1 ·89	19 ·41	—29
9	Thur.	10	14 ·88	8 ·04	27	9	Tues.	10	A ·02	15 ·93	—29	9	Sat.	9	2 ·78	20 ·33	1
10	Fri.	11	—A ·92	9 ·13	28	10	Wed.	11	1 ·98	16 ·89	1	10	Sun.	10	3 ·69	21 ·26	2
11	Sat.	12	1 ·96	10 ·20	—29	11	Thur.	12	2 ·91	17 ·84	2	11	Mon.	11	4 ·60	22 ·19	3
12	Sun.	13	2 ·96	11 ·26	1	12	Fri.	13	3 ·83	18 ·78	3	12	Tues.	12	5 ·50	23 ·14	4
13	Mon.	14	3 ·94	12 ·29	2	13	Sat.	14	4 ·74	19 ·72	4	13	Wed.	13	6 ·43	24 ·08	5
14	Tues.	15	4 ·91	13 ·30	3	14	Sun.	15	5 ·64	20 ·66	5	14	Thur.	14	7 ·37	25 ·04	6
15	Wed.	16	5 ·87	14 ·29	4	15	Mon.	16	6 ·55	21 ·59	6	15	Fri.	15	8 ·32	26 ·01	7
16	Thur.	17	6 ·80	15 ·26	5	16	Tues.	17	7 ·44	22 ·52	7					27 ·99	
17	Fri.	18	7 ·72	16 ·22	6	17	Wed.	18	8 ·35	23 ·46	8	16	Sat.	16	9 ·29	... ...	8
18	Sat.	19	8 ·62	17 ·17	7	18	Thur.	19	9 ·25	24 ·41	9	17	Sun.	17	10 ·19	1 ·00	9
19	Sun.	20	9 ·52	18 ·11	8	19	Fri.	20	10 ·18	25 ·38	10	18	Mon.	18	11 ·30	2 ·03	10
20	Mon.	21	10 ·42	19 ·04	9	20	Sat.	21	11 ·12	26 ·35	11	19	Tues.	19	12 ·32	3 ·08	11
21	Tues.	22	11 ·32	20 ·97	10	21	Sun.	22	12 ·06	27 ·35	12	20	Wed.	20	13 ·38	4 ·15	12
22	Wed.	23	12 ·22	21 ·90	11	22	Mon.	23	13 ·03	1 ·36	13	21	Thur.	21	14 ·45	5 ·23	13
23	Thur.	24	13 ·14	22 ·84	12	23	Tues.	24	14 ·01	2 ·40	14	22	Fri. ○	22	P ·54	6 ·33	14
24	Fri.	25	14 ·05	23 ·79	13	24	Wed.	25	P ·02	3 ·46	15	23	Sat.	23	1 ·62	7 ·45	15
25	Sat.	26	P ·98	24 ·74	14	25	Thur.	26	1 ·05	4 ·54	16	24	Sun.	24	2 ·71	8 ·55	16
26	Sun.	27	1 ·92	25 ·71	15	26	Fri.	27	2 ·11	5 ·63	17	25	Mon.	25	3 ·79	9 ·65	17
27	Mon.	28	2 ·88	26 ·69	16	27	Sat.	28	3 ·17	6 ·73	18	26	Tues.	26	4 ·86	10 ·74	18
28	Tues.	29	3 ·87	27 ·71	17	28	Sun.	29	4 ·25	7 ·84	19	27	Wed.	27	5 ·92	11 ·82	19
29	Wed.	30	4 ·89	1 ·73	18	29	Mon.	30	5 ·34	8 ·94	20	28	Thur.	28	6 ·94	12 ·88	20
30	Thur.	31	5 ·90	2 ·78	19	—30	Tues.	31	6 ·43	... ...	21	—29	Fri.	29	7 ·95	13 ·91	21
			6 ·95	3 ·84					7 ·51			1	Sat.	30	8 ·94	14 ·92	22
												2	Sun.	31	9 ·91	15 ·91	23

Plava. **Karkataka—Ādi.** *Bahula.* *Sukla.* **Śrāvana.** *Plava.* **Simha—Āvaṇi.** *Bahula.* *Sukla.* **Bhādrapada.** *Plava.* **Kanyā—Puraṭṭāśi.** *Bahula.* *Sukla.* **Āśvina.** *Plava.* **Tulā—Aippaśi.** *Bahula.* *Sukla.* **Kārttika.** *Plava.* **Vṛśchika—Kārttigai.** *Bahula.* *Sukla.* **Mārgaśirsha.** *Plava.* **Dhanus—Mārgaḷi.** *Bahula.* *Sukla.* **Pausha.** *Plava.* **Makara—Tai.** *Bahula.*

H. 1133 *Shawwāl.* *H.* 1133 *Zi-l-ka'da.* *H.* 1133 *Zi-l-ḥijja.* *H.* 1134 *Muharram.* *H.* 1134 *Ṣafar.* *H.* 1134 *Rabi-ul awwal.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1722. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·56** **Śaka 1644.** **Kaliyuga 4823.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·47.** **(S. Cycle) Śubhakṛit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Mon.	1	10 ·86	16 ·89	24	3	Thur.	1	*Bahula.* 10 ·76	20 ·35	24	3	Tues.	1	12 ·31	27 ·63	26
4	Tues.	2	11 ·80	17 ·86	25	4	Fri.	2	11 ·66	21 ·29	25	4	Wed.	2	13 ·27	1 ·61	27
5	Wed.	3	12 ·72	18 ·80	26	5	Sat.	3	12 ·56	22 ·22	26	5	Thur.	3	14 ·24	2 ·63	28
6	Thur.	4	13 ·63	19 ·74	27	6	Sun.	4	13 ·47	23 ·15	27	6	Fri.	4	—**A** ·23	3 ·65	29
7	Fri.	5	14 ·53	20 ·67	28	7	Mon.	5	14 ·37	24 ·09	28	7	Sat.	5	1 ·24	4 ·69	—30
8	Sat.	6	—**A** ·43	21 ·60	29	8	Tues.	6	—**A** ·29	25 ·03	29	8	Sun.	6	2 ·26	5 ·76	1
9	Sun.	7	1 ·34	22 ·53	—30	9	Wed.	7	1 ·23	26 ·00 / 27 ·98	—30	9	Mon.	7	3 ·32	6 ·84	2
10	Mon.	8	2 ·24	23 ·48	1							10	Tues.	8	4 ·39	7 ·94	3
11	Tues.	9	3 ·16	24 ·42	2	10	Thur.	8	2 ·19	1 ·97	1	11	Wed.	9	5 ·47	... ...	4
12	Wed.	10	4 ·08	25 ·37	3	11	Fri.	9	3 ·17	2 ·98	2	12	Thur.	10	6 ·55	8 ·05	5
13	Thur.	11	5 ·01 / 6 ·96	26 ·33	4	1	Sat.	10	4 ·15	.. ...	3	13	Fri.	11	7 ·63	9 ·16	6
14	Fri.	12	7 ·94	27 ·32	5	13	Sun.	11	5 ·17	3 ·01	4	14	Sat.	12	8 ·71	10 ·26	7
15	Sat.	13	8 ·93	1 ·33	6	14	Mon.	12	6 ·20	4 ·08	5	15	Sun.	13	9 ·77	11 ·35	8
16	Sun.	14	9 ·94	2 ·35	7	15	Tues.	13	7 ·25	5 ·15	6	16	Mon.	14	10 ·82	12 ·43	9
17	Mon.	15	10 ·98	3 ·39	8	16	Wed.	14	8 ·33	6 ·24	7	17	Tues.	15	11 ·88	13 ·49	10
18	Tues.	16	.. ...	4 ·45	9	17	Thur.	15	9 ·41	7 ·34	8	18	Wed.	16	12 ·83	14 ·58	11
19	Wed.	17	11 ·04	5 ·53	10	18	Fri.	16	10 ·50	8 ·45	9	19	Thur.	17	13 ·81	15 ·54	12
20	Thur.	18	12 ·11	6 ·63	11	19	Sat.	17	11 ·58	9 ·56	10	20	Fri.	18	14 ·78	16 ·54	13
21	Fri.	19	13 ·19	7 ·74	12	20	Sun.	18	12 ·66	10 ·66	11	21	Sat.	19	P ·71	17 ·51	14
22	Sat.	20	14 ·27	8 ·85	13	21	Mon.	19	13 ·71	11 ·74	12	22	Sun.	20	1 ·63	18 ·49	15
23	Sun.	21	P ·37	9 ·95	14	22	Tues.	20	14 ·76	12 ·80	13	23	Mon.	21	2 ·55	19 ·48	16
24	Mon.	22	1 ·44	... ...	15	23	Wed.	21	P ·79	13 ·85	14	24	Tues.	22	3 ·45	20 ·37	17
25	Tues.	23	2 ·51	10 ·04	16	24	Thur.	22	1 ·78	14 ·88	15	25	Wed.	23	4 ·35	21 ·30	18
26	Wed.	24	3 ·56	11 ·13	17	25	Fri.	23	2 ·77	15 ·90	16	26	Thur.	24	5 ·25	22 ·23	19
27	Thur.	25	4 ·59	12 ·19	18	26	Sat.	24	3 ·72	16 ·88	17	27	Fri.	25	6 ·16	23 ·17	20
28	Fri.	26	5 ·59	13 ·23	19	27	Sun.	25	4 ·67	17 ·85	18	28	Sat.	26	7 ·05 / 8 ·97	24 ·11	21
—29	Sat.	27	6 ·57	14 ·24	20	28	Mon.	26	5 ·60	18 ·81	19	29	Sun.	27	9 ·89	25 ·05	22
1	Sun.	28	7 ·53	15 ·24	21	29	Tues.	27	6 ·52	19 ·75	20	30	Mon.	28	*Bahula.* 10 ·82	26 ·00 / 27 ·96	23
2	Mon.	29	8 ·48	16 ·22	22	—30	Wed.	28	7 ·43	20 ·70	21	31	Tues.	29	11 ·77	1 ·94	24
3	Tues.	30	9 ·42	17 ·19	23	1	Thur.	29	8 ·32	21 ·63	22	—32	Wed.	30	12 ·78	2 ·95	25
4	Wed.	31	10 ·34	18 ·14	24	2	Fri.	30	9 ·22	22 ·56	23	1	Thur.	31	13 ·72	3 ·97	26
	Feb.					3	Sat.	31	10 12	23 ·49	24		**June.**				
5	Thur.	1	11 ·25	19 ·08	25		**April.**					2	Fri.	1	14 ·73	... ...	27
6	Fri.	2	12 ·15	20 ·01 / 21 ·94	26	4	Sun.	1	11 ·03 / 12 ·93	24 ·42	25	3	Sat.	2	—**A** ·76	4 ·00	28
7	Sat.	3	13 ·05 / 14 ·96	22 ·88	27	5	Mon.	2	13 ·86	25 ·38	26	4	Sun.	3	1 ·80	5 ·06	—29
8	Sun.	4	—**A** ·85	23 ·81	28	6	Tues.	3	14 ·79	26 ·38	27	5	Mon.	4	2 ·87	6 ·14	1
9	Mon.	5	1 ·77	24 ·75	—29	7	Wed.	4	—**A** ·74	27 ·30	28	6	Tues.	5	3 ·94	7 ·24	2
10	Tues.	6	2 ·70	25 ·70	1	8	Thur.	5	1 ·72	1 ·29	—29	7	Wed.	6	... ...	8 ·35	3
11	Wed.	7	3 ·64	26 ·66	2	9	Fri.	6	2 ·70	2 ·30	1	8	Thur.	7	4 ·02	9 ·46	4
12	Thur.	8	4 ·59	27 ·65	3	10	Sat.	7	3 ·72	3 ·34	2	9	Fri.	8	5 ·11	10 ·56	5
13	Fri.	9	5 ·57	1 ·65	4	11	Sun.	8	4 ·75	4 ·39	3	10	Sat.	9	6 ·19	11 ·65	6
14	Sat.	10	6 ·55	2 ·66	5	12	Mon.	9	5 ·81	5 ·45	4	11	Sun.	10	7 ·25	12 ·74	7
15	Sun.	11	7 ·56	3 ·70	6	13	Tues.	10	6 ·88	6 ·54	5	12	Mon.	11	8 ·29	13 ·80	8
16	Mon.	12	8 ·60	4 ·76	7	14	Wed.	11	7 ·97	7 ·64	6	13	Tues.	12	9 ·31	14 ·84	9
17	Tues.	13	9 ·66	5 ·85	8	15	Thur.	12	... ..	8 ·74	7	14	Wed.	13	10 ·31	15 ·86	10
18	Wed.	14	10 ·73	6 ·94	9	16	Fri.	13	8 ·04	9 ·86	8	15	Thur.	14	11 ·29	16 ·86	11
19	Thur.	15	11 ·81	... ...	10	17	Sat.	14	9 ·12	10 ·96	9	16	Fri.	15	12 ·26	17 ·85	12
20	Fri.	16	12 ·90	7 ·04	11	18	Sun.	15	10 ·19	.. ..	10	17	Sat.	16	13 ·20	18 ·82	13
21	Sat.	17	13 ·98	8 ·15	12	19	Mon.	16	11 ·25	11 ·05	11	18	Sun.○	17	14 ·13	19 ·77	14
22	Sun.	18	.. ...	9 ·26	13	20	Tues.	17	12 ·30	12 ·12	12	19	Mon.	18	P ·04 / 1 ·95	20 ·71	15
23	Mon.	19	14 ·08	10 ·36	14	21	Wed.	18	13 ·32	13 ·17	13	20	Tues.	19	2 ·84	21 ·64	16
24	Tues.	20	P ·18	11 ·44	15	22	Thur.	19	14 ·33	14 ·21	14	21	Wed.	20	3 ·74	22 ·57	17
25	Wed.	21	1 ·18	12 ·50	16	23	Fri.	20	P ·31	15 ·22	15	22	Thur.	21	4 ·64	23 ·51	18
26	Thur.	22	2 ·20	13 ·54	17	24	Sat.	21	1 ·26	16 ·21	16	23	Fri.	22	5 ·54	24 ·44	19
27	Fri.	23	3 ·20	14 ·56	18	25	Sun.	22	2 ·20	17 ·18	17	24	Sat.	23	6 ·45	25 ·38	20
28	Sat.	24	4 ·19	15 ·56	19	26	Mon.	23	3 ·13	18 ·14	18	25	Sun.	24	7 ·37	26 ·33	21
29	Sun.	25	5 ·15	16 ·56	20	27	Tues.	24	4 ·05 / 5 ·96	19 ·10	19	26	Mon.	25	8 ·30	27 ·29	22
—30	Mon.	26	6 ·09	17 ·52	21	28	Wed.	25	6 ·86	20 ·04 / 21 ·97	20	27	Tues.	26	9 ·24	1 ·27	23
1	Tues.	27	7 ·03 / 8 ·95	18 ·47	22	29	Thur.	26	7 ·75	22 ·89	21	28	Wed.	27	10 ·21	2 ·27	24
2	Wed.	28	9 ·86	19 ·42	23	30	Fri.	27	8 ·65	23 ·82	22	29	Thur.	28	11 ·19	3 ·28	25
						—31	Sat.	28	9 ·55	24 ·77	23	30	Fri.	29	12 ·20	4 ·32	26
						1	Sun.	29	10 ·46	25 ·71	24	—31	Sat.	30	13 ·24	5 ·37	27
						2	Mon.	30	11 ·38	26 ·66	25						

Plava. **Makara—Tai.** *Bahula.* *Śukla.* **Māgha.** *Bahula.* **Kumbha—Māsi.** *Plava.* *Śukla.* **Phālguna.** *Bahula.* *H.* 1134 *Rabī-ul ākhir.* *H.* 1134 *Jamāda'l awwal.* *Śubhakṛit.* **Mēsha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* *H.* 1134 *Jamāda'l ākhir.* *Śubhakṛit.* **Vrishabha—Vaigāśi.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 1134 *Rajab.* *Śubhakṛit.* **Mithuna—Āni.** *Śukla.* **Jyeshṭha.** *Bahula.* **Āshādha.** *H.* 1134 *Sha'bān.* *H.* 1134 *Ramazān.*

Naksh:— 1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1722. **Kollam 898,** {**N. Malabar—Sep.** **Hijra 1135.** **Vikrama 1779.**
A—Amāvāsyā. Commences {**S. Malabar—Aug.** Commences **Oct. 1.** **Bengal San. 1128.**
P—Paurnimā. **(N. Cycle) Paridhāvin.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Śubhakṛit. **Karkataka—Ādi.** 1	Sun. 1	14 ·27	6 ·45	28
2	Mon. 2	—**A** ·35	7 ·54	29
3	Tues. 3	1 ·42	8 ·65	—30
4	Wed. 4	2 ·50	9 ·75	1
5	Thur. 5	3 ·58	10 ·86	2
6	Fri. 6	4 ·66	11 ·96	3
7	Sat. 7	5 ·73	... ...	4
8	Sun. 8	6 ·76	12 ·05	5
9	Mon. 9	7 ·79	13 ·11	6
10	Tues. 10	8 ·79	14 ·16	7
11	Wed. 11	9 ·78	15 ·18	8
12	Thur. 12	10 ·73	16 ·20	9
13	Fri. 13	11 ·67	17 ·18	10
14	Sat. 14	12 ·61	18 ·15	11
15	Sun. 15	13 ·53	19 ·10	12
16	Mon. 16	14 ·44	20 ·05 / 21 ·98	13
17	Tues. 17	**P** ·34	22 ·92	14
18	Wed. 18	1 ·24	23 ·85	15
19	Thur. 19	2 ·12	24 ·78	16
20	Fri. 20	3 ·02 / 4 ·94	25 ·72	17
21	Sat. 21	5 ·85	26 ·66	18
22	Sun. 22	6 ·78	27 ·63	19
23	Mon. 23	7 ·72	1 ·60	20
24	Tues. 24	8 ·70	2 ·59	21
25	Wed. 25	9 ·67	3 ·60	22
26	Thur. 26	10 ·69	4 ·63	23
27	Fri. 27	11 ·71	5 ·69	24
28	Sat. 28	12 ·75	6 ·76	25
29	Sun. 29	13 ·82	7 ·84	26
30	Mon. 30	14 ·89	8 ·94	27
31	Tues. 31	—**A** ·98	... ...	28
	Aug.			
—32	Wed. 1	... ...	9 ·05	—29
1	Thur. 2	1 ·07	10 ·17	1
2	Fri. 3	2 ·15	11 ·27	2
3	Sat. 4	3 ·21	12 ·35	3
4	Sun. 5	4 ·24	13 ·42	4
5	Mon. 6	5 ·28	14 ·47	5
6	Tues. 7	6 ·28	15 ·50	6
7	Wed. 8	7 ·27	16 ·52	7
8	Thur. 9	8 ·23	17 ·50	8
9	Fri. 10	9 ·18	18 ·48	9
10	Sat. 11	10 ·11	19 ·44	10
11	Sun. 12	11 ·03 / 12 ·94	20 ·38	11
12	Mon. 13	13 ·83	21 ·33	12
13	Tues. 14	14 ·73	22 ·28	13
14	Wed. 15	**P** ·62	23 ·19	14
15	Thur. 16	1 ·53	24 ·12	15
16	Fri. 17	2 ·44	25 ·05	16
17	Sat. 18	3 ·37	26 ·00 / 27 ·96	17
18	Sun. 19	4 ·30	1 ·93	18
19	Mon. 20	5 ·23	2 ·91	19
20	Tues. 21	6 ·20	3 ·92	20
21	Wed. 22	7 ·18	4 ·95	21
22	Thur. 23	8 ·20	5 ·99	22
23	Fri. 24	9 ·22	... ...	23
24	Sat. 25	10 ·27	6 ·06	24
25	Sun. 26	11 ·34	7 ·15	25
26	Mon. 27	12 ·40	8 ·24	26
27	Tues. 28	13 ·48	9 ·35	27
28	Wed. 29	14 ·57	10 ·46	28
29	Thur. 30	—**A** ·65	11 ·57	29
30	Fri. 31	1 ·72	12 ·66	—30

Śukla. **Adhika Śrāvana.** *Bahula.* *H.* 1134 *Shawwāl.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Śubhakṛit. —31	Sat. 1	2 ·76	13 ·73	1
Kanyā—Purattāśi. 1	Sun. 2	3 ·79	14 ·78	2
2	Mon. 3	4 ·80	15 ·83	3
3	Tues. 4	5 ·79	16 ·84	4
4	Wed. 5	6 ·76	17 ·83	5
5	Thur. 6	7 ·71	18 ·81	6
6	Fri. 7	8 ·64	19 ·77	7
7	Sat. 8	9 ·56	20 ·73	8
8	Sun. 9	10 ·46	21 ·67	9
9	Mon. 10	11 ·36	22 ·60	10
10	Tues. 11	12 ·27	23 ·53	11
11	Wed. 12	13 ·16	24 ·46	12
12	Thur. 13	14 ·06 / **P** ·97	25 ·40	13
13	Fri. 14	1 ·90	26 ·34	14
14	Sat. 15	2 ·83	27 ·29	15
15	Sun. 16	3 ·77	1 ·26	16
16	Mon. 17	4 ·74	2 ·24	17
17	Tues. 18	5 ·72	3 ·25	18
18	Wed. 19	6 ·74	4 ·27	19
19	Thur. 20	7 ·76	5 ·31	20
20	Fri. 21	8 ·81	6 ·37	21
21	Sat. 22	9 ·87	7 ·45	22
22	Sun. 23	10 ·95	8 ·54	23
23	Mon. 24	... ...	9 ·65	24
24	Tues. 25	11 ·04	10 ·76	25
25	Wed. 26	12 ·13	11 ·87	26
26	Thur. 27	13 ·20	12 ·96	27
27	Fri. 28	14 ·27	... ...	28
28	Sat. 29	—**A** ·32	13 ·04	29
29	Sun. 30	1 ·34	14 ·11	—30
	Oct.			
—30	Mon. 1	2 ·36	15 ·14	1
1	Tues. 2	3 ·35	16 ·16	2
2	Wed. 3	4 ·33	17 ·16	3
3	Thur. 4	5 ·27	18 ·14	4
4	Fri. 5	6 ·20	19 ·11	5
5	Sat. 6	7 ·12	20 ·06	6
6	Sun. 7	8 ·02 / 9 ·93	21 ·00 / 22 ·94	7
7	Mon. 8	10 ·84	23 ·87	8
8	Tues. 9	11 ·73	24 ·81	9
9	Wed. 10	12 ·63	25 ·74	10
10	Thur. 11	13 ·54	26 ·68	11
11	Fri. 12	14 ·47	27 ·62	12
12	Sat. 13	**P** ·41	1 ·59	13
13	Sun. 14	1 ·35	2 ·56	14
14	Mon. 15	2 ·32	3 ·57	15
15	Tues. 16	3 ·31	4 ·58	16
16	Wed. 17	4 ·33	5 ·62	17
17	Thur. 18	5 ·35	6 ·67	18
18	Fri. 19	6 ·40	7 ·75	19
19	Sat. 20	7 ·47	8 ·85	20
20	Sun. 21	8 ·55	9 ·95	21
21	Mon. 22	9 ·63	... ...	22
22	Tues. 23	10 ·72	10 ·06	23
23	Wed. 24	11 ·80	11 ·17	24
24	Thur. 25	12 ·87	12 ·26	25
25	Fri. 26	13 ·92	13 ·35	26
26	Sat. 27	14 ·95	14 ·42	27
27	Sun. 28	—**A** ·96	15 ·46	28
28	Mon. 29	1 ·94	16 ·48	29
29	Tues. 30	2 ·91	17 ·48	—30
—30	Wed. 31	3 ·87	18 ·48	1

Śukla. **Tulā—Aippaśi.** *Bahula.* *H.* 1134 *Zī-l-ka'da.* *Śukla.* **Āśvina.** *Bahula.* *H.* 1135 *Muharram.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Śubhakṛit. 1	Thur. 1	4 ·80	19 ·45	2
Vṛiśchika—Kārttigai. 2	Fri. 2	5 ·72	20 ·40	3
3	Sat. 3	6 ·62	21 ·34	4
4	Sun. 4	7 ·53	22 ·28	5
5	Mon. 5	8 ·44	23 ·21	6
6	Tues. 6	9 ·34	24 ·14	7
7	Wed. 7	10 ·24	25 ·07	8
8	Thur. 8	11 ·16	26 ·01 / 27 ·96	9
9	Fri. 9	12 ·08	1 ·92	10
10	Sat. 10	13 ·02 / 14 ·96	2 ·90	11
11	Sun. 11	**P** ·93	3 ·89	12
12	Mon. 12	1 ·93	4 ·90	13
13	Tues. 13	2 ·94	5 ·93	14
14	Wed. 14	3 ·97	6 ·98	15
15	Thur. 15	... ...	... ...	16
16	Fri. 16	4 ·02	7 ·06	17
17	Sat. 17	5 ·10	8 ·15	18
18	Sun. 18	6 ·18	9 ·25	19
19	Mon. 19	7 ·26	10 ·36	20
20	Tues. 20	8 ·35	11 ·46	21
21	Wed. 21	9 ·43	12 ·57	22
22	Thur. 22	10 ·50	13 ·66	23
23	Fri. 23	11 ·55	14 ·73	24
24	Sat. 24	12 ·58	15 ·77	25
25	Sun. 25	13 ·59	16 ·80	26
26	Mon. 26	14 ·57	17 ·82	27
27	Tues. 27	—**A** ·54	18 ·81	28
28	Wed. 28	1 ·49	19 ·78	—29
29	Thur. 29	2 ·43	20 ·73	1
—30	Fri. 30	3 ·34	21 ·68	2
	Dec.			
1	Sat. 1	4 ·25	22 ·61	3
2	Sun. 2	5 ·16	23 ·55	4
3	Mon. 3	6 ·07 / 7 ·96	24 ·48	5
4	Tues. 4	8 ·86	25 ·41	6
5	Wed. 5	9 ·78	26 ·35	7
6	Thur. 6	10 ·70	27 ·29	8
7	Fri. 7	11 ·64	1 ·24	9
8	Sat. 8	12 ·60	2 ·23	10
9	Sun. 9	13 ·58	3 ·21	11
10	Mon. 10	14 ·56	4 ·22	12
11	Tues. 11	**P** ·57	5 ·24	13
12	Wed. 12	1 ·62	6 ·30	14
13	Thur. 13	2 ·67	7 ·37	15
14	Fri. 14	3 ·74	8 ·45	16
15	Sat. 15	4 ·83	9 ·55	17
16	Sun. 16	5 ·92	10 ·66	18
17	Mon. 17	... ...	11 ·77	19
18	Tues. 18	6 ·00	12 ·87	20
19	Wed. 19	7 ·09	13 ·96	21
20	Thur. 20	8 ·15	... ...	22
21	Fri. 21	9 ·19	14 ·03	23
22	Sat. 22	10 ·23	15 ·09	24
23	Sun. 23	11 ·23	16 ·13	25
24	Mon. 24	12 ·22	17 ·14	26
25	Tues. 25	13 ·18	18 ·13	27
26	Wed. 26	14 ·14	19 ·11	28
27	Thur. 27	**A** ·07 / 1 ·98	20 ·07	29
28	Fri. 28	2 ·90	21 ·01 / 22 ·96	—30
—29	Sat. 29	3 ·81	23 ·89	1
1	Sun. 30	4 ·71	24 ·82	2
2	Mon. 31	5 ·61	25 ·75	3

Śukla. **Mārgaśirsha.** *Bahula.* *H.* 1135 *Rabī-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1723. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·82.** **Śaka 1645.** **Kaliyuga 4824.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·73.** **(S. Cycle) Śobhana.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śubhakṛit. **Makara—Tai.**	**Jan.**			
3	Tues. 1	6 ·51	26 ·68	4
4	Wed. 2	7 ·43	27 ·64	5
5	Thur. 3	8 ·35	1 ·59	6
6	Fri. 4	9 ·29	2 ·55	7
7	Sat. 5	10 ·24	3 ·54	8
8	Sun. 6	11 ·22	4 ·54	9
9	Mon. 7	12 ·21	5 ·57	10
10	Tues. 8	13 ·23	6 ·61	11
11	Wed. 9	14 ·26	7 ·67	12
12	Thur. 10	P ·33	8 ·75	13
13	Fri. 11	1 ·40	9 ·85	14
14	Sat. 12	2 ·48	10 ·95	15
15	Sun. 13	3 ·57	... ...	16
16	Mon. 14	4 ·66	11 ·07	17
17	Tues. 15	5 ·74	12 ·17	18
18	Wed. 16	6 ·80	13 ·27	19
19	Thur. 17	7 ·85	14 ·34	H. 1135 20
20	Fri. 18	8 ·87	15 ·40	21
21	Sat. 19	9 ·87	16 ·45	22
22	Sun. 20	10 ·86	17 ·46	23
23	Mon. 21	11 ·83	18 ·46	24
24	Tues. 22	12 ·78	19 ·44	25
25	Wed. 23	13 ·70	20 ·40	26
26	Thur. 24	14 ·62	21 ·36	27
27	Fri. 25	—A ·53	22 ·30	28
28	Sat. 26	1 ·43	23 ·23	—29
29	Sun. 27	2 ·33	24 ·16	1
—30	Mon. 28	3 ·23	25 ·09	2
1	Tues. 29	4 ·15	26 ·03 27 ·97	3
2	Wed. 30	5 ·06 6 ·98	1 ·92	4
3	Thur. 31	7 ·92	2 ·88	5
		Sukla. **Pausha.** *Bahula.*		
Śubhakṛit. **Kumbha—Māśi.**	**Feb.**			
4	Fri. 1	8 ·88	3 ·86	6
5	Sat. 2	9 ·85	4 ·87	7
6	Sun. 3	10 ·84	5 ·87	8
7	Mon. 4	11 ·86	6 ·92	9
8	Tues. 5	12 ·90	7 ·98	10
9	Wed. 6	13 ·96	... ...	11
10	Thur. 7	... ...	8 ·06	12
11	Fri. 8	14 ·03	9 ·15	13
12	Sat. 9	P ·12	10 ·26	14
13	Sun. 10	1 ·20	11 ·37	15
14	Mon. 11	2 ·28	12 ·47	16
15	Tues. 12	3 ·36	13 ·57	17
16	Wed. 13	4 ·42	14 ·65	18
17	Thur. 14	5 ·47	15 ·72	19
18	Fri. 15	6 ·49	16 ·76	H. 1135 20
19	Sat. 16	7 ·50	17 ·78	21
20	Sun. 17	8 ·48	18 ·78	22
21	Mon. 18	9 ·44	19 ·77	23
22	Tues. 19	10 ·38	20 ·74	24
23	Wed. 20	11 ·31	21 ·69	25
24	Thur. 21	12 ·24	22 ·63	26
25	Fri. 22	13 ·14	23 ·57	27
26	Sat. 23	14 ·05 A ·94	24 ·50	28
27	Sun. 24	1 ·85	25 ·44	29
28	Mon. 25	2 ·75	26 ·37	—30
—29	Tues. 26	3 ·67	27 ·31	1
1	Wed. 27	4 ·59	1 ·25	2
2	Thur. 28	5 ·52	2 ·21	3
		Sukla. **Māgha.** *Bahula.*		
Śubhakṛit. **Mīna—Paṅguni.**	**March.**			
3	Fri. 1	6 ·48	3 ·19	4
4	Sat. 2	7 ·46	4 ·19	5
5	Sun. 3	8 ·45	5 ·20	6
6	Mon. 4	9 ·46	6 ·23	7
7	Tues. 5	10 ·50	7 ·29	8
8	Wed. 6	11 ·56	8 ·36	9
9	Thur. 7	12 ·63	9 ·46	10
10	Fri. 8	13 ·72	10 ·56	11
11	Sat. 9	14 ·80	11 ·67	12
12	Sun. 10	P ·90	12 ·77	13
13	Mon. 11	1 ·97	13 ·87	14
14	Tues. 12	... ...	14 ·96	15
15	Wed. 13	2 ·03	... ...	16
16	Thur. 14	3 ·07	15 ·03	17
17	Fri. 15	4 ·09	16 ·08	18
18	Sat. 16	5 ·09	17 ·10	19
19	Sun. 17	6 ·07	18 ·11	20
20	Mon. 18	7 ·03 8 ·97	19 ·10	21
21	Tues. 19	9 ·90	20 ·07	22
22	Wed. 20	10 ·82	21 ·03 22 ·97	23
23	Thur. 21	11 ·72	23 ·91	24
24	Fri. 22	12 ·62	24 ·85	25
25	Sat. 23	13 ·52	25 ·78	26
26	Sun. 24	14 ·42	26 ·71	27
27	Mon. 25	—A ·33	27 ·64	28
28	Tues. 26	1 ·24	1 ·59	—29
29	Wed. 27	2 ·16	2 ·54	1
30	Thur. 28	3 ·09	3 ·52	2
—31	Fri. 29	4 ·06	4 ·51	3
1	Sat. 30	5 ·03	5 ·52	4
2	Sun. 31	6 ·01	6 ·55	5
		Sukla. **Phālguna.** *Bahula.*		*H.* 1135 *Jamāda'l ākhir.*
Śobhana. **Mēsha—Chittirai.**	**April.**			
3	Mon. 1	7 ·02	7 ·59	6
4	Tues. 2	8 ·07	8 ·67	7
5	Wed. 3	9 ·13	9 ·76	8
6	Thur. 4	10 ·20	10 ·86	9
7	Fri. 5	11 ·28	11 ·96	10
8	Sat. 6	12 ·36	... ...	11
9	Sun. 7	13 ·45	12 ·07	12
10	Mon. 8	14 ·52	13 ·18	13
11	Tues. 9	P ·58	14 ·27	14
12	Wed. 10	1 ·62	15 ·34	15
13	Thur. 11	2 ·64	16 ·39	16
14	Fri. 12	3 ·64	17 ·42	17
15	Sat. 13	4 ·61	18 ·44	18
16	Sun. 14	5 ·57	19 ·43	19
17	Mon. 15	6 ·51	20 ·40	20
18	Tues. 16	7 ·44	21 ·36	21
19	Wed. 17	8 ·36	22 ·31	22
20	Thur. 18	9 ·27	23 ·24	23
21	Fri. 19	10 ·17	24 ·19	24
22	Sat. 20	11 ·06 12 ·96	25 ·11	25
23	Sun. 21	13 ·86	26 ·04 27 ·98	26
24	Mon. 22	14 ·77	1 ·92	27
25	Tues. 23	—A ·69	2 ·88	28
26	Wed. 24	1 ·63	3 ·85	29
27	Thur. 25	2 ·59	4 ·83	—30
28	Fri. 26	3 ·56	5 ·84	1
29	Sat. 27	4 ·54	6 ·86	2
30	Sun. 28	5 ·55	7 ·91	3
—31	Mon. 29	6 ·60	8 ·98	4
1	Tues. 30	7 ·65	... ...	5
		Sukla. **Chaitra.** *Bahula.*		*H.* 1135 *Rajab.*
Śobhana. **Mithuna—Āni.**	**May.**			
2	Wed. 1	8 ·71	9 ·06	6
3	Thur. 2	9 ·79	10 ·16	7
4	Fri. 3	10 ·88	11 ·26	8
5	Sat. 4	11 ·96	12 ·38	9
6	Sun. 5	... ...	13 ·48	10
7	Mon. 6	12 ·03	14 ·57	11
8	Tues. 7	13 ·09	15 ·65	12
9	Wed. 8	14 ·13	16 ·70	13
10	Thur. 9	P ·15	17 ·74	14
11	Fri. 10	1 ·15	18 ·76	15
12	Sat. 11	2 ·14	19 ·76	16
13	Sun. 12	3 ·09	20 ·73	17
14	Mon. 13	4 ·02 5 ·95	21 ·69	18
15	Tues. 14	6 ·87	22 ·64	19
16	Wed. 15	7 ·77	23 ·59	20
17	Thur. 16	8 ·67	24 ·52	21
18	Fri. 17	9 ·57	25 ·45	22
19	Sat. 18	10 ·47	26 ·38	23
20	Sun. 19	11 ·38	27 ·32	24
21	Mon. 20	12 ·27	1 ·27	25
22	Tues. 21	13 ·20	2 ·22	26
23	Wed. 22	14 ·13	3 ·18	27
24	Thur. ● 23	—A ·08	4 ·16	28
25	Fri. 24	1 ·06	5 ·16	—29
26	Sat. 25	2 ·04	6 ·19	1
27	Sun. 26	3 ·05	7 ·22	2
28	Mon. 27	4 ·08	8 ·28	3
29	Tues. 28	5 ·14	9 ·36	4
30	Wed. 29	6 ·21	10 ·46	5
—31	Thur. 30	7 ·28	11 ·56	6
1	Fri. 31	8 ·37	12 ·68	7
		Sukla. **Vaiśākha.** *Bahula.*		
Śobhana. **Vrishabha—Vaigāśi.**	**June.**			
2	Sat. 1	9 ·45	13 ·78	8
3	Sun. 2	10 ·51	14 ·87	9
4	Mon. 3	11 ·57	15 ·95	10
5	Tues. 4	12 ·62	... ...	11
6	Wed. 5	13 ·63	16 ·01	12
7	Thur. 6	14 ·63	17 ·06	13
8	Fri. 7	P ·62	18 ·08	14
9	Sat. 8	1 ·58	19 ·08	15
10	Sun. 9	2 ·52	20 ·06	16
11	Mon. 10	3 ·45	21 ·03 22 ·99	H. 1135 17
12	Tues. 11	4 ·37	23 ·93	18
13	Wed. 12	5 ·27	24 ·86	19
14	Thur. 13	6 ·16	25 ·79	20
15	Fri. 14	7 ·06 8 ·96	26 ·72	21
16	Sat. 15	9 ·86	27 ·66	22
17	Sun. 16	10 ·76	1 ·60	23
18	Mon. 17	11 ·68	2 ·55	24
19	Tues. 18	12 ·61	3 ·51	25
20	Wed. 19	13 ·56	4 ·48	26
21	Thur. 20	14 ·54	5 ·49	27
22	Fri. 21	—A ·52	6 ·50	28
23	Sat. 22	1 ·53	7 ·54	29
24	Sun. 23	2 ·56	8 ·59	—30
25	Mon. 24	3 ·62	9 ·66	1
26	Tues. 25	4 ·68	10 ·76	2
27	Wed. 26	5 ·76	11 ·87	3
28	Thur. 27	6 ·84	12 ·97	4
29	Fri. 28	7 ·92	... ...	5
30	Sat. 29	... ...	13 ·08	6
31	Sun. 30	8 ·00	14 ·18	7
		Sukla. **Jyeshtha.** *Bahula.*		
Śobhana. **Mithuna—Āni.**				
		Sukla. **Āshādha.**		

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1723. **Kollam 899,** { **N. Malabar—Sep.** **Hijra 1136** **Vikrama 1780.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 20.** **Bengal San. 1129.**
P—Paurnimā. **(N. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
—32	Mon.	1	9 ·05	15 ·26	8	—31	Sun.	1	13 ·85	23 ·94	11	—30	Fri.	1	P ·44	2 ·23	3
1	Tues.	2	10 ·09	16 ·33	9	1	Mon.	2	14 ·77	24 ·89	12	1	Sat.	2	1 ·37	3 ·18	14
2	Wed.	3	11 ·11	17 ·38	10	2	Tues.	3	P ·66	25 ·82	13	2	Sun.	3	2 ·30	4 ·14	15
3	Thur.	4	12 ·12	18 ·40	11	3	Wed.	4	1 ·56	26 ·75	14	3	Mon.	4	3 ·24	5 ·11	16
4	Fri.	5	13 ·10	19 ·41	12	4	Thur.	5	2 ·46	27 ·68	15	4	Tues.	5	4 ·23	6 ·11	17
5	Sat.	6	14 ·05	20 ·39	13	5	Fri.	6	3 ·36	1 ·61	16	5	Wed.	6	5 ·21	7 ·12	18
6	Sun.	7	P ·00 1 ·92	21 ·37	14	6	Sat.	7	4 ·28	2 ·55	17	6	Thur.	7	6 ·23	8 ·15	19
7	Mon.	8	2 ·83	22 ·32	15	7	Sun.	8	5 ·20	3 ·51	18	7	Fri.	8	7 ·26	9 ·20	20
8	Tues.	9	3 ·74	23 ·27	16	8	Mon.	9	6 ·13	4 ·48	19	8	Sat.	9	8 ·32	10 ·27	21
9	Wed.	10	4 ·65	24 ·20	17	9	Tues.	10	7 ·07	5 ·46	20	9	Sun.	10	9 ·39	11 ·37	22
10	Thur.	11	5 ·54	25 ·13	18	10	Wed.	11	8 ·04	6 ·46	21	10	Mon.	11	10 ·47	12 ·47	23
11	Fri.	12	6 ·44	26 ·07	19	11	Thur.	12	9 ·03	7 ·48	22	11	Tues.	12	11 ·56	13 ·58	24
12	Sat.	13	7 ·34	27 ·00 1 ·94	20	12	Fri.	13	10 ·05	8 ·53	23	12	Wed.	13	12 ·65	14 ·68	25
13	Sun.	14	8 ·24	2 ·88	21	13	Sat.	14	11 ·07	9 ·59	24	13	Thur.	14	13 ·73	15 ·78	26
14	Mon.	15	9 ·16	3 ·84	22	14	Sun.	15	12 ·12	10 ·67	25	14	Fri.	15	14 ·79	16 ·87	27
15	Tues.	16	10 ·09	4 ·82	23	15	Mon.	16	13 ·19	11 ·76	26	15	Sat.	16	—A ·84	17 ·95	28
16	Wed.	17	11 ·05	5 ·80	24	16	Tues.	17	14 ·27	12 ·87	27	16	Sun.	17	1 ·87	18 ·99	—29
17	Thur.	18	12 ·02	6 ·80	25	17	Wed.	18	—A ·36	13 ·98	28	17	Mon.	18	2 ·88	... ...	1
18	Fri.	19	13 ·00	7 ·85	26	18	Thur.	19	1 ·44	... ...	—29	18	Tues.	19	3 ·86	19 ·02	2
19	Sat.	20	14 ·01	8 ·90	27	19	Fri.	20	2 ·51	14 ·09	1	19	Wed.	20	4 ·82	20 ·03	3
20	Sun.	21	—A ·03	9 ·97	28	20	Sat.	21	3 ·58	15 ·18	2	20	Thur.	21	5 ·78	21 ·02	4
21	Mon.	22	1 ·08	... ...	—29	21	Sun.	22	4 ·62	16 ·26	3	21	Fri.	22	6 ·71	22 ·00 23 ·95	5
22	Tues.	23	2 ·15	10 ·07	1	22	Mon.	23	5 ·65	17 ·32	4	22	Sat.	23	7 ·63	24 ·90	6
23	Wed.	24	3 ·23	11 ·17	2	23	Tues.	24	6 ·66	18 ·36	5	23	Sun.	24	8 ·54	25 ·83	7
24	Thur.	25	4 ·31	12 ·27	3	24	Wed.	25	7 ·65	19 ·38	6	24	Mon.	25	9 ·45	26 ·76	8
25	Fri.	26	5 ·39	13 ·38	4	25	Thur.	26	8 ·62	20 ·38	7	25	Tues.	26	10 ·35	27 ·70	9
26	Sat.	27	6 ·47	14 ·48	5	26	Fri.	27	9 ·56	21 ·36	8	26	Wed.	27	11 ·24	1 ·63	10
27	Sun.	28	7 ·52	15 ·57	6	27	Sat.	28	10 ·49	22 ·32	9	27	Thur.	28	12 ·15	2 ·57	11
28	Mon.	29	8 ·57	16 ·64	7	28	Sun.	29	11 ·40	23 ·27	10	28	Fri.	29	13 ·06 14 ·99	3 ·51	12
29	Tues.	30	9 ·59	17 ·69	8	29	Mon.	30	12 ·32	24 ·22	11	—29	Sat.	30	P ·92	4 ·47	13
30	Wed	31	10 ·60	18 ·72	9												
	Aug.						**Oct.**						**Dec.**				
—31	Thur.	1	11 ·58	19 ·73	10	30	Tues.	1	13 ·22	25 ·16	12	1	Sun.	1	1 ·88	5 ·45	14
1	Fri.	2	12 ·55	20 ·73	11	—31	Wed.	2	14 ·13	26 ·09	13	2	Mon.	2	2 ·86	6 ·42	15
2	Sat.	3	13 ·50	21 ·70	12	1	Thur.	3	P ·03 1 ·93	27 ·01 1 ·95	14	3	Tues.	3	3 ·84	7 ·44	16
3	Sun.	4	14 ·41	22 ·66	13	2	Fri.	4	2 ·84	2 ·90	15	4	Wed.	4	4 ·87	8 ·46	17
4	Mon.	5	P ·33	23 ·60	14	3	Sat.	5	3 ·76	3 ·85	16	5	Thur.	5	5 ·90	9 ·51	18
5	Tues.	6	1 ·24	24 ·54	15	4	Sun.	6	4 ·70	4 ·81	17	6	Fri.	6	6 ·96	10 ·59	19
6	Wed.	7	2 ·15	25 ·48	16	5	Mon.	7	5 ·65	5 ·78	18	7	Sat.	7	... ...	11 ·67	20
7	Thur.	8	3 ·04 4 ·94	26 ·41	17	6	Tues.	8	6 ·62	6 ·78	19	8	Sun.	8	7 ·04	12 ·77	21
8	Fri.	9	5 ·84	27 ·34	18	7	Wed.	9	7 ·60	7 ·80	20	9	Mon.	9	8 ·13	13 ·88	22
9	Sat.	10	6 ·75	1 ·27	19	8	Thur.	10	8 ·62	8 ·84	21	10	Tues.	10	9 ·22	14 ·98	23
10	Sun.	11	7 ·67	2 ·22	20	9	Fri.	11	9 ·64	9 ·90	22	11	Wed.	11	10 ·30	... ...	24
11	Mon.	12	8 ·60	3 ·17	21	10	Sat.	12	10 ·70	10 ·97	23	12	Thur.	12	11 ·38	15 ·08	25
12	Tues.	13	9 ·55	4 ·15	22	11	Sun.	13	11 ·77	... ...	24	13	Fri.	13	12 ·44	16 ·18	26
13	Wed.	14	10 ·51	5 ·12	23	12	Mon.	14	12 ·85	11 ·06	25	14	Sat.	14	13 ·49	17 ·25	27
14	Thur.	15	11 ·50	6 ·14	24	13	Tues.	15	13 ·94	12 ·17	26	15	Sun.	15	14 ·50	18 ·31	28
15	Fri.	16	12 ·50	7 ·16	25	14	Wed.	16	... ...	13 ·28	27	16	Mon.	16	—A ·52	19 ·34	29
16	Sat.	17	13 ·54	8 ·21	26	15	Thur.	17	14 ·03	14 ·39	28	17	Tues.	17	1 ·50	20 ·35	—30
17	Sun.	18	14 ·59	9 ·28	27	16	Fri.	18	—A ·11	15 ·48	29	18	Wed.	18	2 ·47	21 ·35	1
18	Mon.	19	—A ·66	10 ·37	28	17	Sat.	19	1 ·17	16 ·56	—30	19	Thur.	19	3 ·42	22 ·33	2
19	Tues.	20	1 ·72	11 ·46	29	18	Sun.	20	2 ·21	17 ·64	1	20	Fri.	20	4 ·34	23 ·29	3
20	Wed.	21	2 ·80	12 ·57	—30	19	Mon.	21	3 ·24	18 ·68	2	21	Sat.	21	5 ·26	24 ·23	4
21	Thur.	22	3 ·89	13 ·68	1	20	Tues.	22	4 ·25	19 ·70	3	22	Sun.	22	6 ·17	25 ·17	5
22	Fri.	23	4 ·98	14 ·79	2	21	Wed.	23	5 ·24	20 ·70	4	23	Mon.	23	7 ·08 8 ·98	26 ·11	6
23	Sat.	24	... ...	15 ·88	3	22	Thur.	24	6 ·20	21 ·69	5	24	Tues.	24	9 ·88	27 ·04 1 ·97	7
24	Sun.	25	5 ·04	16 ·95	4	23	Fri.	25	7 ·15	22 ·66	6	25	Wed.	25	10 ·79	2 ·90	8
25	Mon.	26	6 ·08	... ...	5	24	Sat.	26	8 ·01	23 ·62	7	26	Thur.	26	11 ·70	3 ·85	9
26	Tues.	27	7 ·11	17 ·00	6	25	Sun.	27	9 ·00 10 ·91	24 ·56	8	27	Fri.	27	12 ·68	4 ·81	10
27	Wed.	28	8 ·12	18 ·04	7	26	Mon.	28	11 ·81	25 ·49	9	28	Sat.	28	13 ·57	5 ·77	11
28	Thur.	29	9 ·09	19 ·06	8	27	Tues.	29	12 ·72	26 ·42	10	—29	Sun.	29	14 ·53	6 ·76	12
29	Fri.	30	10 ·07	20 ·05	9	28	Wed.	30	13 ·62	27 ·35	11	1	Mon.	30	P ·50	7 ·76	13
30	Sat.	31	11 ·01 12 ·94	21 ·03 22 ·99	10	29	Thur.	31	14 ·53	1 ·29	12	2	Tues.	31	1 ·50	8 ·78	14

Śobhana. **Karkaṭaka—Ādi.** *Bahula.* **Āshādha.** *Śukla.* **Śrāvana.** *Bahula.* **Siṁha—Avani.** *Śukla.* *Śobhana.* **Kanyā—Puraṭṭāśi.** *Bahula.* **Bhādrapada.** *Śukla.* *Śobhana.* **Tulā—Aippaśi.** *Bahula.* **Āśvina.** *Śukla.* *Śobhana.* **Vṛiśchika—Kārttigai.** *Bahula.* **Kārttika.** *Śukla.* *Śobhana.* **Dhanus—Mārgali.** *Bahula.* **Mārgaśīrsha.** *Śukla.* **Pausha.**

H. 1135 *Shawwāl.* *H.* 1135 *Zi-l-ka'da.* *H.* 1135 *Zi-l-hijja.* *H.* 1136 *Muharram.* *H.* 1136 *Ṣafar.* *H.* 1136 *Rabi-ul awwal.* *H.* 1136 *Rabi-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Asb. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1724. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·08.** **Śaka 1646.** **Kaliyuga 4825.**
Lunar Eclipse. ○ **(Arya Sid.) March 28·99.** **(S. Cycle) Krodhin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Śobhana. **Makara—Tai.**	**Jan.**			
3	Wed. 1	*Pausha.* 2 ·51	9 ·82	15
4	Thur. 2	3 ·55	10 ·89	16
5	Fri. 3	4 ·60	11 ·97	17
6	Sat. 4	5 ·68	. .	18
7	Sun. 5	6 ·78	12 ·07	19
8	Mon. 6	7 ·86	13 ·17	20
9	Tues. 7	8 ·95	14 ·28	21
10	Wed. 8	...	15 ·39	22
11	Thur. 9	*Bahula.* 9 ·02	16 ·49	23
12	Fri. 10	10 ·09	17 ·56	24
13	Sat. 11	11 ·14	18 ·62	25
14	Sun. 12	12 ·15	19 ·66	26
15	Mon. 13	13 ·16	20 ·68	27
16	Tues. 14	14 ·14	21 ·68	28
17	Wed. 15	—**A** ·12	22 ·66	—29
18	Thur. 16	1 ·06 2 ·98	23 ·62	1
19	Fri. 17	3 ·90	24 ·57	2
20	Sat. 18	4 ·80	25 ·52	3
21	Sun. 19	5 ·71	26 ·45	4
22	Mon. 20	6 ·61	27 ·38	5
23	Tues. 21	*Sukla.* 7 ·52	1 ·31	6
24	Wed. 22	8 ·42	2 ·24	7
25	Thur. 23	9 ·34	3 ·18	8
26	Fri. 24	10 ·26	4 ·14	9
27	Sat. 25	11 ·21	5 ·10	10
28	Sun 26	12 ·17	6 ·08	11
29	Mon. 27	13 ·14	7 ·08	12
—30	Tues. 28	*Māgha.* 14 ·14	8 ·09	13
1	Wed. 29	P ·15	9 ·14	14
2	Thur. 30	1 ·20	10 ·20	15
3	Fri. 31	2 ·25	11 ·28	16
	Feb.			
4	Sat. 1	3 ·33	12 ·37	17
5	Sun. 2	4 ·42	13 ·47	18
6	Mon. 3	5 ·51	14 ·59	19
7	Tues. 4	6 ·59	15 ·69	20
8	Wed. 5	*Bahula.* 7 ·66	16 ·79	21
9	Thur. 6	8 ·73	17 ·87	22
10	Fri. 7	9 ·78	18 ·93	23
11	Sat. 8	10 ·79	19 ·98	24
12	Sun. 9	11 ·79	... ...	25
13	Mon. 10	12 ·77	20 ·00	26
14	Tues. 11	13 ·74	21 ·00 22 ·98	27
15	Wed. 12	14 ·67	23 ·95	28
16	Thur. 13	—**A** ·60	24 ·91	29
17	Fri. 14	1 ·52	25 ·85	—30
18	Sat. 15	2 ·43	26 ·79	1
19	Sun. 16	3 ·33	27 ·72	2
20	Mon. 17	4 ·24	1 ·65	3
21	Tues. 18	5 ·14	2 ·58	4
22	Wed. 19	*Sukla.* 6 ·04 7 ·96	3 ·53	5
23	Thur. 20	8 ·88	4 ·47	6
24	Fri. 21	9 ·82	5 ·43	7
25	Sat. 22	10 ·78	6 ·41	8
26	Sun. 23	11 ·76	7 ·40	9
27	Mon. 24	12 ·75	8 ·42	10
28	Tues. 25	13 ·75	9 ·45	11
29	Wed. 26	14 ·80	10 ·51	12
—30	Thur. 27	*Phāl.* P ·87	11 ·58	13
1	Fri. 28	1 ·95	12 ·67	14
2	Sat. 29	... ...	13 ·78	15

H. 1136 *Jamādu'l awwal.* *H.* 1136 *Jamādu'l ākhir.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Śobhana. **Mīna—Pāṅguni.**	**March.**			
3	Sun. 1	*Phālguna.* 2 ·03	14 ·89	16
4	Mon. 2	3 ·12	15 ·99	17
5	Tues. 3	4 ·20	.. ..	18
6	Wed. 4	5 ·27	16 ·09	19
7	Thur. 5	6 ·33	17 ·17	20
8	Fri. 6	7 ·37	18 ·25	21
9	Sat. 7	8 ·39	19 ·30	22
10	Sun. 8	9 ·38	20 ·32	23
11	Mon. 9	*Bahula.* 10 ·37	21 ·33	24
12	Tues. 10	11 ·33	22 ·31	25
13	Wed. 11	12 ·27	23 ·28	26
14	Thur. 12	13 ·20	24 ·24	27
15	Fri. 13	14 ·11	25 ·19	28
16	Sat. 14	**A** ·02 1 ·91	26 ·13	—29
17	Sun. 15	2 ·81	27 ·06 1 ·98	1
18	Mon. 16	3 ·72	2 ·92	2
19	Tues. 17	4 ·63	3 ·86	3
20	Wed. 18	5 ·54	4 ·81	4
21	Thur. 19	*Sukla.* 6 ·46	5 ·76	5
22	Fri. 20	7 ·40	6 ·73	6
23	Sat. 21	8 ·36	7 ·73	7
24	Sun. 22	9 ·34	8 ·74	8
25	Mon. 23	10 ·33	9 ·77	9
26	Tues. 24	11 ·36	10 ·82	10
27	Wed. 25	12 ·39	11 ·89	11
28	Thur. 26	13 ·45	12 ·98	12
29	Fri. 27	14 ·52	... ...	13
—30	Sat. 28	P ·60	13 ·08	14
1	Sun. 29	1 ·69	14 ·18	15
2	Mon. 30	2 ·76	15 ·29	16
3	Tues. 31	3 ·83	16 ·39	17
	April.			
4	Wed. 1	4 ·89	17 ·49	18
5	Thur. 2	5 ·94	18 ·56	19
6	Fri. 3	*Bahula.* 6 ·95	19 ·61	20
7	Sat. 4	7 ·94	20 ·64	21
8	Sun. 5	8 ·92	21 ·65	22
9	Mon. 6	9 ·87	22 ·64	23
10	Tues. 7	10 ·82	23 ·62	24
11	Wed. 8	11 ·75	24 ·58	25
12	Thur. 9	12 ·67	25 ·53	26
13	Fri. 10	13 ·57	26 ·46	27
14	Sat. 11	14 ·47	27 ·40	28
15	Sun. 12	—**A** ·36	1 ·33	29
16	Mon. 13	1 ·26	2 ·26	—30
17	Tues. 14	2 ·17	3 ·20	1
18	Wed. 15	3 ·08	4 ·14	2
19	Thur. 16	*Sukla.* 4 ·01 5 ·94	5 ·09	3
20	Fri. 17	6 ·91	6 ·07	4
21	Sat. 18	7 ·88	7 ·06	5
22	Sun. 19	8 ·86	8 ·06	6
23	Mon. 20	9 ·89	9 ·08	7
24	Tues. 21	10 ·92	10 ·12	8
25	Wed. 22	11 ·98	11 ·20	9
26	Thur. 23	.. ...	12 ·28	10
27	Fri. 24	*Vaiśākha.* 12 ·05	13 ·38	11
28	Sat. 25	13 ·12	14 ·48	12
29	Sun. 26	14 ·20	15 ·59	13
30	Mon.○ 27	P ·28	16 ·69	14
—31	Tues. 28	1 ·36	17 ·79	15
1	Wed. 29	2 ·42	18 ·87	16
2	Thur. 30	3 ·47	19 ·92	17

H. 1136 *Rajab.* *H.* 1136 *Sha'bān.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Krodhin. **Vrishabha—Vaigāsi.**	**May.**			
3	Fri. 1	4 ·47	20 ·96	18
4	Sat. 2	5 ·47	21 ·97	19
5	Sun. 3	*Bahula.* 6 ·45	22 ·98	20
6	Mon. 4	7 ·40	23 ·95	21
7	Tues. 5	8 ·34	24 ·91	22
8	Wed. 6	9 ·26	25 ·86	23
9	Thur. 7	10 ·18	26 ·80	24
10	Fri. 8	11 ·08 12 ·99	27 ·74	25
11	Sat. 9	13 ·88	1 ·67	26
12	Sun. 10	14 ·78	2 ·60	27
13	Mon. 11	—**A** ·68	3 ·53	28
14	Tues. 12	1 ·59	4 ·47	—29
15	Wed. 13	2 ·52	5 ·44	1
16	Thur. 14	3 ·45	6 ·40	2
17	Fri. 15	4 ·41	7 ·38	3
18	Sat. 16	5 ·38	8 ·38	4
19	Sun. 17	6 ·38	9 ·40	5
20	Mon 18	*Sukla.* 7 ·38	10 ·44	6
21	Tues. 19	8 ·42	11 ·50	7
22	Wed. 20	9 ·48	12 ·58	8
23	Thur. 21	10 ·54	13 ·68	9
24	Fri. 22	11 ·62	14 ·78	10
25	Sat. 23	12 ·70	15 ·89	11
26	Sun. 24	13 ·79	... ...	12
27	Mon. 25	14 ·86	16 ·00	13
28	Tues. 26	*Jyeshtha.* P ·91	17 ·09	14
29	Wed. 27	1 ·95	18 ·17	15
30	Thur. 28	2 ·97	19 ·23	16
—31	Fri. 29	3 ·96	20 ·27	17
1	Sat. 30	4 ·94	21 ·33	18
2	Sun. 31	5 ·89	22 ·30	19
	June.			
3	Mon. 1	6 ·83	23 ·28	20
4	Tues. 2	7 ·76	24 ·25	21
5	Wed. 3	8 ·68	25 ·20	22
6	Thur. 4	9 ·57	26 ·15	23
7	Fri. 5	*Bahula.* 10 ·48	27 ·08	24
8	Sat. 6	11 ·37	1 ·01 2 ·94	25
9	Sun. 7	12 ·28	3 ·87	26
10	Mon. 8	13 ·17	4 ·82	27
11	Tues. 9	14 ·09	5 ·77	28
12	Wed. 10	**A** ·01 1 ·93	6 ·73	29
13	Thur. 11	2 ·89	7 ·70	—30
14	Fri. 12	3 ·86	8 ·70	1
15	Sat. 13	4 ·85	9 ·71	2
16	Sun. 14	5 ·86	10 ·76	3
17	Mon. 15	6 ·90	11 ·81	4
18	Tues. 16	*Sukla.* 7 ·94	12 ·89	5
19	Wed. 17	... ...	13 ·98	6
20	Thur. 18	8 ·01	... ...	7
21	Fri. 19	9 ·09	14 ·08	8
22	Sat. 20	10 ·17	15 ·19	9
23	Sun. 21	11 ·26	16 ·39	10
24	Mon. 22	12 ·33	17 ·40	11
25	Tues. 23	13 ·39	18 ·49	12
26	Wed. 24	14 ·43	19 ·55	13
27	Thur. 25	*Āshādha.* P ·45	20 ·60	14
28	Fri. 26	1 ·44	21 ·62	15
29	Sat. 27	2 ·42	22 ·63	16
30	Sun. 28	3 ·37	23 ·61	17
31	Mon. 29	4 ·31	24 ·58	18
—32	Tues. 30	5 ·24	25 ·54	19

H. 1136 *Shawwāl.* *H.* 1136 *Ramaẓān.*

Nakshatras—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1724. **Kollam 900,** { **N. Malabar—Sep.** **Hijra 1137.** **Vikrama 1781.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 9.** **Bengal San. 1130.**
P—Paurnimā. **(N. Cycle) Ānanda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Krodhin. **Karkaṭaka—Ādi.**						*Krodhin.* **Kanyā—Puraṭṭāśi.**						*Krodhin.* **Vṛiśchika—Kārttigai.**					
1	Wed.	1	6 ·15	26 ·49	20	1	Tues.	1	10 ·44	7 ·70	23	1	Sun.	1	12 ·61	13 ·49	24
2	Thur.	2	7 ·06 / 8 ·96	27 ·42	21	2	Wed.	2	11 ·38	8 ·68	24	2	Mon.	2	13 ·68	14 ·58	25
3	Fri.	3	9 ·85	1 ·35	22	3	Thur.	3	12 ·36	9 ·68	25	3	Tues.	3	14 ·76	15 ·68	26
4	Sat.	4	10 ·75	2 ·28	23	4	Fri.	4	13 ·35	10 ·70	26	4	Wed.	4	—**A** ·86	16 ·80	27
5	Sun.	5	11 ·65	3 ·22	24	5	Sat.	5	14 ·36	11 ·74	27	5	Thur.	5	1 ·95	17 ·98	28
6	Mon.	6	12 ·27	4 ·16	25	6	Sun.	6	—**A** ·39	12 ·81	28	6	Fri.	6	... ...	... ...	—29
7	Tues.	7	13 ·48	5 ·10	26	7	Mon.	7	1 ·45	13 ·89	29	7	Sat.	7	2 ·02	18 ·00	1
8	Wed.	8	14 ·43	6 ·06	27	8	Tues.	8	2 ·50	14 ·98	—30	8	Sun.	8	3 ·08	19 ·09	2
9	Thur.	9	—**A** ·37	7 ·03	28	9	Wed.	9	3 ·58	...	1	9	Mon.	9	4 ·13	20 ·16	3
10	Fri.	10	1 ·35	8 ·02	—29	10	Thur.	10	4 ·66	15 ·09	2	10	Tues.	10	5 ·17	21 ·21	4
11	Sat.	11	2 ·38	9 ·04	1	11	Fri.	11	5 ·74	16 ·19	3	11	Wed.	11	6 ·16	22 ·24	5
12	Sun.	12	3 ·34	10 ·07	2	12	Sat.	12	6 ·83	17 ·30	4	12	Thur.	12	7 ·14	23 ·25	6
13	Mon.	13	4 ·38	11 ·12	3	13	Sun.	13	7 ·89	18 ·40	5	13	Fri.	13	8 ·11	24 ·24	7
14	Tues.	14	5 ·42	12 ·19	4	14	Mon.	14	8 ·94	19 ·48	6	14	Sat.	14	9 ·05 / 10 ·49	25 ·21	8
15	Wed.	15	6 ·48	13 ·28	5	15	Tues.	15	9 ·96	20 ·54	7	15	Sun.	15	11 ·91	26 ·17	9
16	Thur.	16	7 ·56	14 ·39	6	16	Wed	16	10 ·97	21 ·58	8	16	Mon.	16	12 ·83	27 ·11	10
17	Fri.	17	8 ·65	15 ·49	7	17	Thur.	17	11 ·95	22 ·59	9	17	Tues.	17	13 ·72	1 ·05 / 2 ·98	11
18	Sat.	18	9 ·72	16 ·16	8	18	Fri.	18	12 ·91	23 ·60	10	18	Wed.	18	14 ·62	3 ·91	12
19	Sun.	19	10 ·79	17 ·70	9	19	Sat.	19	13 ·86	24 ·58	11	19	Thur.	19	**P** ·58	4 ·85	13
20	Mon.	20	11 ·86	18 ·78	10	20	Sun.	20	14 ·78	25 ·54	12	20	Fri.	20	1 ·44	5 ·79	14
21	Tues.	21	12 ·90	19 ·86	11	21	Mon.	21	**P** ·70	26 ·49	13	21	Sat.	21	2 ·35	6 ·73	15
22	Wed.	22	13 ·93	20 ·89	12	22	Tues.	22	1 ·61	27 ·43	14	22	Sun.	22	3 ·26	7 ·69	16
23	Thur.	23	14 ·92	21 ·94	13	23	Wed.	23	2 ·52	1 ·37	15	23	Mon.	23	4 ·21	8 ·66	17
24	Fri.	24	**P** ·90	22 ·95	14	24	Thur.	24	3 ·42	2 ·30	16	24	Tues.	24	5 ·17	9 ·64	18
25	Sat.	25	1 ·85	23 ·94	15	25	Fri.	25	4 ·32	3 ·23	17	25	Wed.	25	6 ·14	10 ·66	19
26	Sun.	26	2 ·80	24 ·92	16	26	Sat.	26	5 ·22	4 ·17	18	26	Thur.	26	7 ·14	11 ·58	20
27	Mon.	27	3 ·74	25 ·87	17	27	Sun.	27	6 ·12	5 ·10	19	27	Fri.	27	8 ·16	12 ·73	21
28	Tues.	28	4 ·65	26 ·82	18	28	Mon.	28	7 ·05	6 ·04	20	28	Sat.	28	9 ·20	13 ·80	22
29	Wed.	29	5 ·55	27 ·76	19	29	Tues.	29	8 ·00 / 9 ·95	7 ·02	21	—29	Sun.	29	10 ·25	14 ·88	23
30	Thur.	30	6 ·45	1 ·69	20	30	Wed.	30	10 ·92	8 ·00	22	1	Mon.	30	11 ·32	15 ·99	24
—31	Fri.	31	7 ·35	2 ·62	21												
	Aug.						**Oct.**						**Dec.**				
Krodhin. **Siṁha—Āvaṇi.**						*Krodhin.* **Tulā—Aippaśi.**						*Krodhin.* **Dhanus—Mārgali.**					
1	Sat.	1	8 ·26	3 ·56	22	—31	Thur.	1	11 ·91	9 ·00	23	2	Tues.	1	12 ·42	... ...	25
2	Sun.	2	9 ·16	4 ·49	23	1	Fri.	2	12 ·92	10 ·01	24	3	Wed.	2	13 ·51	16 ·10	26
3	Mon.	3	10 ·06 / 11 ·98	5 ·44	24	2	Sat.	3	13 ·95	11 ·06	25	4	Thur.	3	14 ·59	17 ·20	27
4	Tues.	4	12 ·92	6 ·39	25	3	Sun.	4	..	12 ·12	26	5	Fri.	4	—**A** ·67	18 ·30	28
5	Wed.	5	13 ·87	7 ·36	26	4	Mon.	5	14 ·01	13 ·19	27	6	Sat.	5	1 ·73	19 ·39	29
6	Thur.	6	14 ·84	8 ·35	27	5	Tues.	6	—**A** ·07	14 ·28	28	7	Sun.	6	2 ·77	20 ·48	—30
7	Fri.	7	—**A** ·82	9 ·36	28	6	Wed.	7	1 ·15	15 ·38	29	8	Mon.	7	3 ·81	21 ·53	1
8	Sat.	8	1 ·83	10 ·38	29	7	Thur.	8	2 ·24	16 ·49	—30	9	Tues.	8	4 ·80	22 ·56	2
9	Sun.	9	2 ·86	11 ·43	—30	8	Fri.	9	3 ·33	17 ·61	1	10	Wed.	9	5 ·79	23 ·57	3
10	Mon.	10	3 ·91	12 ·49	1	9	Sat.	10	4 ·41	18 ·70	2	11	Thur.	10	6 ·74	24 ·56	4
11	Tues.	11	4 ·98	13 ·58	2	10	Sun.	11	5 ·47	19 ·78	3	12	Fri.	11	7 ·69	25 ·55	5
12	Wed.	12	... ..	14 ·68	3	11	Mon.	12	6 ·52	20 ·85	4	13	Sat.	12	8 ·62	26 ·51	6
13	Thur.	13	5 ·05	15 ·79	4	12	Tues.	13	7 ·55	21 ·89	5	14	Sun.	13	9 ·53	27 ·45	7
14	Fri.	14	6 ·13	16 ·90	5	13	Wed.	14	8 ·55	22 ·92	6	15	Mon.	14	10 ·45	1 ·39	8
15	Sat.	15	7 ·22	.. ...	6	14	Thur.	15	9 ·53	23 ·62	7	16	Tues.	15	11 ·35	2 ·32	9
16	Sun.	16	8 ·30	17 ·00	7	15	Fri.	16	10 ·49	24 ·91	8	17	Wed.	16	12 ·26	3 ·26	10
17	Mon.	17	9 ·36	18 ·10	8	16	Sat.	17	11 ·44	25 ·87	9	18	Thur.	17	13 ·16	4 ·19	11
18	Tues.	18	10 ·41	19 ·17	9	17	Sun	18	12 ·37	26 ·83	10	19	Fri.	18	14 ·06 / **P** ·98	5 ·12	12
19	Wed.	19	11 ·43	20 ·23	10	18	Mon.	19	13 ·30	27 ·78	11	20	Sat.	19	1 ·91	6 ·06	13
20	Thur.	20	12 ·42	21 ·26	11	19	Tues.	20	14 ·20	1 ·71	12	21	Sun.	20	2 ·86	7 ·02 / 8 ·98	14
21	Fri.	21	13 ·41	22 ·27	12	20	Wed. ○	21	**P** ·10	2 ·64	13	22	Mon.	21	3 ·81	9 ·98	15
22	Sat.	22	14 ·36	23 ·26	13	21	Thur.	22	1 ·01 / 2 ·92	3 ·57	14	23	Tues.	22	4 ·79	10 ·98	16
23	Sun.	23	**P** ·32	24 ·25	14	22	Fri.	23	3 ·81	4 ·50	15	24	Wed.	23	5 ·78	... ...	17
24	Mon.	24	1 ·25	25 ·21	15	23	Sat.	24	4 ·72	5 ·45	16	25	Thur.	24	6 ·81	11 ·00	18
25	Tues.	25	2 ·17	26 ·16	16	24	Sun	25	5 ·65	6 ·40	17	26	Fri.	25	7 ·84	12 ·04	19
26	Wed.	26	3 ·07 / 4 ·97	27 ·10	17	25	Mon.	26	6 ·59	7 ·36	18	27	Sat.	26	8 ·89	13 ·10	20
27	Thur.	27	5 ·86	1 ·03 / 2 ·97	18	26	Tues.	27	7 ·54	8 ·33	19	28	Sun.	27	9 ·97	14 ·19	21
28	Fri.	28	6 ·77	3 ·90	19	27	Wed.	28	8 ·51	9 ·32	20	29	Mon.	28	... ...	15 ·29	22
29	Sat	29	7 ·67	4 ·83	20	28	Thur.	29	9 ·51	10 ·34	21	—30	Tues.	29	10 ·06	16 ·39	23
30	Sun.	30	8 ·58	5 ·77	21	29	Fri.	30	10 ·52	11 ·37	22	1	Wed	30	11 ·15	17 ·50	24
—31	Mon.	31	9 ·50	6 ·72	22	—30	Sat.	31	11 ·56	12 ·42	23	2	Thur.	31	12 ·24	18 ·60	25

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22 Śrav. 23. Dhani. 24. Śatab.

A.D. 1725. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse.● **(Surya Sid.) March 29·34.** **Śaka 1647.** **Kaliyuga 4826.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·25.** **(S. Cycle) Viśvāvasu.**

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Krodhin. **Makara—Tai.**		**Jan.**			
3	Fri.	1	13 ·31	19 ·71	26
4	Sat.	2	14 ·37	20 ·78	27
5	Sun.	3	—**A** ·42	21 ·84	28
6	Mon.	4	1 ·45	22 ·88	—29
7	Tues.	5	2 ·44	23 ·89	1
8	Wed.	6	3 ·43	24 ·90	2
9	Thur.	7	4 ·39	25 ·88	3
10	Fri.	8	5 ·34	26 ·84	4
11	Sat.	9	6 ·26	27 ·79	5
12	Sun.	10	7 ·17	1 ·73	6
13	Mon.	11	8 ·08	2 ·66	7
14	Tues.	12	9 ·98	3 ·60	8
15	Wed.	13	10 ·89	4 ·53	9
16	Thur.	14	11 ·79	5 ·46	10
17	Fri.	15	12 ·70	6 ·40	11
18	Sat.	16	13 ·61	7 ·35	12
19	Sun.	17	14 ·58	8 ·32	13
20	Mon.	18	**P** ·50	9 ·30	14
21	Tues.	19	1 ·45	10 ·30	15
22	Wed.	20	2 ·43	11 ·31	16
23	Thur.	21	3 ·42	12 ·35	17
24	Fri.	22	4 ·45	13 ·42	18
25	Sat.	23	5 ·49	14 ·50	19
26	Sun.	24	6 ·55	15 ·59	20
27	Mon.	25	7 ·63	16 ·69	21
28	Tues.	26	8 ·71	17 ·80	22
—29	Wed.	27	9 ·80	18 ·91	23
1	Thur.	28	10 ·89	... ...	24
2	Fri.	29	11 ·97	19 ·01	25
3	Sat	30	... ...	20 ·09	26
4	Sun.	31	12 ·02	21 ·15	27
Krodhin. **Kumbha—Māsi.**		**Feb.**			
5	Mon.	1	13 ·06	22 ·19	28
6	Tues.	2	14 ·08	23 ·22	29
7	Wed.	3	—**A** ·08	24 ·22	—30
8	Thur.	4	1 ·07	25 ·21	1
9	Fri.	5	2 ·02	26 ·17	2
10	Sat.	6	3 ·96	27 ·12	3
11	Sun.	7	4 ·89	1 ·06	4
12	Mon.	8	5 ·81	2 ·01	5
13	Tues.	9	6 ·72	3 ·94	6
14	Wed.	10	7 ·62	4 ·87	7
15	Thur.	11	8 ·52	5 ·80	8
16	Fri.	12	9 ·41	6 ·73	9
17	Sat.	13	10 ·32	7 ·69	10
18	Sun.	14	11 ·24	8 ·65	11
19	Mon.	15	12 ·17	9 ·63	12
20	Tues.	16	13 ·11	10 ·62	13
21	Wed.	17	14 ·08	11 ·63	14
22	Thur.	18	**P** ·05	12 ·67	15
23	Fri.	19	1 ·04	13 ·73	16
24	Sat.	20	2 ·08	14 ·80	17
25	Sun.	21	3 ·11	15 ·89	18
26	Mon.	22	4 ·17	16 ·99	19
27	Tues.	23	5 ·25	... ...	20
28	Wed	24	6 ·34	17 ·11	21
29	Thur.	25	7 ·43	18 ·21	22
—30	Fri.	26	8 ·51	19 ·31	23
1	Sat	27	9 ·57	20 ·39	24
2	Sun.	28	10 ·63	21 ·46	25
3	Mon.	29	11 ·68	22 ·51	26
4	Tues.	30	12 ·69	23 ·54	27
5	Wed.	31	13 ·69	24 ·54	28

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Krodhin. **Mīna—Pāṅguni.**		**March.**			
3	Mon.	1	13 ·69	23 ·54	26
4	Tues.	2	14 ·67	24 ·55	27
5	Wed.	3	—**A** ·62	25 ·53	28
6	Thur.	4	1 ·56	26 ·50	—29
7	Fri.	5	2 ·48	27 ·46	1
8	Sat.	6	3 ·40	1 ·41	2
9	Sun.	7	4 ·31	2 ·35	3
10	Mon.	8	5 ·21	3 ·28	4
11	Tues.	9	6 ·11	4 ·20	5
12	Wed.	10	7 ·02	5 ·14	6
13	Thur.	11	9 ·83	6 ·08	7
14	Fri.	12	10 ·76	7 ·03	8
15	Sat.	13	11 ·70	9 ·95	9
16	Sun.	14	12 ·67	10 ·94	10
17	Mon.	15	13 ·64	11 ·96	11
18	Tues.	16	14 ·64	12 ·99	12
19	Wed.	17	**P** ·66	... ...	13
20	Thur.	18	1 ·70	13 ·04	14
21	Fri.	19	2 ·75	14 ·10	15
22	Sat.	20	3 ·83	15 ·19	16
23	Sun.	21	4 ·92	16 ·29	17
24	Mon.	22	... ...	17 ·41	18
25	Tues.	23	5 ·00	18 ·51	19
26	Wed.	24	6 ·09	19 ·61	20
27	Thur.	25	7 ·15	20 ·70	21
28	Fri.	26	8 ·21	21 ·77	22
29	Sat.	27	9 ·25	22 ·83	23
—30	Sun.	28	10 ·26	23 ·86	24
1	Mon.	29	11 ·26	24 ·87	25
2	Tues.	30	12 ·24	25 ·86	26
3	Wed.	31	13 ·18	26 ·83	27
		April.			
4	Thur.	1	14 ·12	27 ·80	28
5	Fri.	2	**A** ·05	1 ·75	29
6	Sat.	3	1 ·96	2 ·68	—30
7	Sun.	4	2 ·86	3 ·61	1
8	Mon.	5	3 ·77	4 ·54	2
9	Tues.	6	4 ·67	5 ·48	3
10	Wed.	7	5 ·57	6 ·42	4
11	Thur.	8	6 ·47	7 ·36	5
12	Fri.	9	7 ·39	8 ·31	6
13	Sat.	10	8 ·32	9 ·28	7
14	Sun.	11	9 ·26	10 ·27	8
15	Mon.	12	10 ·21	11 ·28	9
16	Tues.	13	11 ·18	12 ·30	10
17	Wed.	14	12 ·18	13 ·35	11
18	Thur.	15	13 ·20	14 ·41	12
19	Fri. ○	16	14 ·24	15 ·49	13
20	Sat.	17	**P** ·29	16 ·59	14
21	Sun.	18	1 ·38	17 ·70	15
22	Mon.	19	2 ·46	18 ·81	16
23	Tues.	20	3 ·53	19 ·91	17
24	Wed.	21	4 ·61	... ...	18
25	Thur.	22	5 ·68	20 ·00	19
26	Fri.	23	6 ·75	21 ·09	20
27	Sat.	24	7 ·78	22 ·14	21
28	Sun.	25	8 ·80	23 ·18	22
29	Mon.	26	9 ·78	24 ·19	23
30	Tues.	27	10 ·77	25 ·19	24
—31	Wed.	28	11 ·71	26 ·17	25
1	Thur.	29	12 ·65	27 ·13	26
2	Fri.	30	13 ·58	1 ·08	27
3	Sat.	31	14 ·49	2 ·01	28

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Vishvavasu. **Vrishabha—Vaigāśi.**		**May.**			
3	Sat.	1	—**A** ·39	2 ·02	28
4	Sun.	2	1 ·29	4 ·89	—29
5	Mon.	3	2 ·20	5 ·82	1
6	Tues.	4	3 ·09	6 ·75	2
7	Wed.	5	4 ·99	7 ·69	3
8	Thur.	6	5 ·90	8 ·65	4
9	Fri.	7	6 ·82	9 ·61	5
10	Sat.	8	7 ·77	10 ·60	6
11	Sun.	9	8 ·73	11 ·60	7
12	Mon.	10	9 ·71	12 ·62	8
13	Tues.	11	10 ·69	13 ·66	9
14	Wed.	12	11 ·70	14 ·72	10
15	Thur.	13	12 ·75	15 ·80	11
16	Fri.	14	13 ·80	16 ·90	12
17	Sat.	15	14 ·87	17 ·00	13
18	Sun.	16	**P** ·95	... ...	14
19	Mon.	17	... ...	18 ·11	15
20	Tues.	18	1 ·04	19 ·21	16
21	Wed.	19	2 ·12	20 ·31	17
22	Thur.	20	3 ·19	21 ·39	18
23	Fri.	21	4 ·25	22 ·45	19
24	Sat.	22	5 ·27	23 ·49	20
25	Sun.	23	6 ·29	24 ·51	21
26	Mon.	24	7 ·28	25 ·52	22
27	Tues.	25	8 ·27	26 ·50	23
28	Wed.	26	9 ·22	27 ·47	24
29	Thur.	27	10 ·16	1 ·42	25
30	Fri.	28	11 ·08	2 ·36	26
31	Sat.	29	12 ·98	3 ·30	27
—32	Sun.	30	13 ·89	4 ·23	28
1	Mon.	31	—**A** ·69	5 ·17	29
		June.			
2	Tues.	1	1 ·59	6 ·09	—30
3	Wed.	2	2 ·49	7 ·03	1
4	Thur.	3	3 ·40	8 ·98	2
5	Fri.	4	4 ·32	9 ·95	3
6	Sat.	5	5 ·26	10 ·92	4
7	Sun.	6	6 ·21	11 ·92	5
8	Mon.	7	7 ·19	12 ·93	6
9	Tues.	8	8 ·18	13 ·97	7
10	Wed.	9	9 ·19	... ...	8
11	Thur.	10	10 ·23	14 ·03	9
12	Fri.	11	11 ·28	15 ·11	10
13	Sat.	12	12 ·34	16 ·20	11
14	Sun.	13	13 ·42	17 ·30	12
15	Mon.	14	14 ·51	18 ·40	13
16	Tues.	15	**P** ·59	19 ·52	14
17	Wed.	16	1 ·66	20 ·62	15
18	Thur.	17	2 ·72	21 ·70	16
19	Fri.	18	3 ·75	22 ·76	17
20	Sat.	19	4 ·77	23 ·81	18
21	Sun.	20	5 ·76	24 ·84	19
22	Mon.	21	6 ·75	25 ·85	20
23	Tues.	22	7 ·70	26 ·83	21
24	Wed.	23	8 ·64	27 ·80	22
25	Thur.	24	9 ·56	1 ·75	23
26	Fri.	25	10 ·47	2 ·69	24
27	Sat.	26	11 ·37	3 ·64	25
28	Sun.	27	12 ·27	4 ·57	26
29	Mon.	28	13 ·16	5 ·50	27
30	Tues.	29	14 ·06	6 ·43	28
—31	Wed.	30	**A** ·97	7 ·37	—29
			1 ·87	8 ·32	
			2 ·79		

Bahula. *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.* *Bahula.* *Sukla.*

H. 1137 *Jamāda'l awwal.* *H.* 1137 *Jamāda'l ākhir.* *H.* 1137 *Rajab.* *H.* 1137 *Sha'bān.* *H.* 1137 *Ramazān.* *H.* 1137 *Shawwāl.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1725. **Kollam 901,** { **N. Malabar—Sep.** **Hijra 1138.** **Vikrama 1782.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Aug. 29.** **Bengal San. 1131.**
P—Paurnimā. **(N. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Thur.	1	3 ·73	9 ·28	1	—31	Wed.	1	6 ·82	16 ·11	4	1	Mon.	1	7 ·38	22 ·31	6
2	Fri.	2	4 ·70	10 ·25	2	1	Thur.	2	7 ·90	17 ·20	5	2	Tues.	2	8 ·42	23 ·38	7
3	Sat.	3	5 ·67	11 ·24	3	2	Fri.	3	8 ·98	18 ·31	6	3	Wed.	3	9 ·45	24 ·42	8
4	Sun.	4	6 ·65	12 ·25	4	3	Sat.	4	... ...	19 ·41	7	4	Thur.	4	10 ·45	25 ·46	9
5	Mon.	5	7 ·67	13 ·29	5	4	Sun.	5	9 ·07	20 ·52	8	5	Fri.	5	11 ·44	26 ·47	10
6	Tues.	6	8 ·70	14 ·34	6	5	Mon.	6	10 ·15	21 ·61	9	6	Sat.	6	12 ·40	27 ·45	11
7	Wed.	7	9 ·76	15 ·41	7	6	Tues.	7	11 ·22	22 ·70	10	7	Sun.	7	13 ·35	1 ·43	12
8	Thur.	8	10 ·82	16 ·50	8	7	Wed.	8	12 ·25	23 ·76	11	8	Mon.	8	14 ·28	2 ·39	13
9	Fri.	9	11 ·90	17 ·60	9	8	Thur.	9	13 ·27	24 ·79	12	9	Tues.	9	P ·20	3 ·34	14
10	Sat.	10	12 ·98	18 ·71	10	9	Fri.	10	14 ·27	25 ·81	13	10	Wed.	10	1 ·10	4 ·27	15
11	Sun.	11	... ...	19 ·82	11	10	Sat.	11	P ·25	26 ·81	14	11	Thur.	11	2 ·00	5 ·20	16
12	Mon.	12	13 ·06	20 ·92	12	11	Sun.	12	1 ·22	27 ·80	15				3 ·90		
13	Tues.	13	14 ·13	... ...	13	12	Mon.	13	2 ·16	1 ·76	16	12	Fri.	12	4 ·81	6 ·13	17
14	Wed.	14	P ·19	21 ·02	14	13	Tues.	14	3 ·09	2 ·71	17	13	Sat.	13	5 ·72	7 ·06	18
15	Thur.	15	1 ·23	22 ·08	15	14	Wed.	15	4 ·00	3 ·65	18	14	Sun.	14	6 ·63	8 ·00	19
16	Fri.	16	2 ·25	23 ·13	16				5 ·91							9 ·95	
17	Sat.	17	3 ·25	24 ·16	17	15	Thur.	16	6 ·82	4 ·58	19	15	Mon.	15	7 ·56	10 ·91	20
18	Sun.	18	4 ·23	25 ·17	18	16	Fri.	17	7 ·71	5 ·52	20	16	Tues.	16	8 ·49	11 ·88	21
19	Mon.	19	5 ·18	26 ·16	19	17	Sat.	18	8 ·61	6 ·45	21	17	Wed.	17	9 ·45	12 ·86	22
20	Tues.	20	6 ·12	27 ·13	20	18	Sun.	19	9 ·51	7 ·39	22	18	Thur.	18	10 ·43	13 ·87	23
21	Wed.	21	7 ·05	1 ·09	21	19	Mon.	20	10 ·43	8 ·32	23	19	Fri.	19	11 ·42	14 ·91	24
			8 ·96			20	Tues.	21	11 ·35	9 ·27	24	20	Sat.	20	12 ·45	15 ·95	25
22	Thur.	22	9 ·86	2 ·04	22	21	Wed.	22	12 ·29	10 ·25	25	21	Sun.	21	13 ·48	... ...	26
				3 ·98		22	Thur.	23	13 ·24	11 ·22	26	22	Mon.	22	14 ·54	16 ·02	27
23	Fri.	23	10 ·77	4 ·91	23	23	Fri.	24	14 ·22	12 ·22	27	23	Tues.	23	—A ·61	17 ·10	28
24	Sat.	24	11 ·66	5 ·84	24	24	Sat.	25	—A ·21	13 ·23	28	24	Wed.	24	1 ·71	18 ·20	29
25	Sun.	25	12 ·56	6 ·77	25	25	Sun.	26	1 ·21	14 ·27	29	25	Thur.	25	2 ·79	19 ·32	—30
26	Mon.	26	13 ·46	7 ·71	26	26	Mon.	27	2 ·20	15 ·33	—30	26	Fri.	26	3 ·88	20 ·42	1
27	Tues.	27	14 ·37	8 ·66	27	27	Tues.	28	3 ·32	16 ·41	1	27	Sat.	27	4 ·96	21 ·52	2
28	Wed.	28	—A ·29	9 ·61	28	28	Wed.	29	4 ·39	17 ·50	2	28	Sun.	28	... ...	22 ·61	3
29	Thur.	29	1 ·22	10 ·58	29	29	Thur.	30	5 ·46	18 ·60	3	29	Mon.	29	5 ·02	23 ·68	4
30	Fri.	30	2 ·18	11 ·56	—30							—30	Tues.	30	6 ·06	24 ·75	5
31	Sat.	31	3 ·15	12 ·58	1												
	Aug.						**Oct.**						**Dec.**				
—32	Sun.	1	4 ·14	13 ·60	2	—30	Fri.	1	6 ·55	19 ·71	4	1	Wed.	1	7 ·08	25 ·78	6
1	Mon.	2	5 ·15	14 ·65	3	1	Sat.	2	7 ·63	20 ·82	5	2	Thur.	2	8 ·09	26 ·79	7
2	Tues.	3	6 ·17	15 ·71	4	2	Sun.	3	8 ·71	21 ·92	6	3	Fri.	3	9 ·07	27 ·78	8
3	Wed.	4	7 ·23	16 ·80	5	3	Mon.	4	9 ·78	... ...	7	4	Sat.	4	10 ·03	1 ·76	9
4	Thur.	5	8 ·30	17 ·90	6	4	Tues.	5	10 ·82	22 ·00	8				11 ·98		
5	Fri.	6	9 ·39	.. ...	7	5	Wed.	6	11 ·85	23 ·07	9	5	Sun.	5	12 ·90	2 ·71	10
6	Sat.	7	10 ·47	18 ·01	8	6	Thur.	7	12 ·84	24 ·11	10	6	Mon.	6	13 ·82	3 ·67	11
7	Sun.	8	11 ·55	19 ·12	9	7	Fri.	8	13 ·83	25 ·13	11	7	Tues.	7	14 ·73	4 ·61	12
8	Mon.	9	12 ·62	20 ·22	10	8	Sat.	9	14 ·79	26 ·14	12	8	Wed.	8	P ·64	5 ·54	13
9	Tues.	10	13 ·68	21 ·31	11	9	Sun. ○	10	P ·74	27 ·13	13	9	Thur.	9	1 ·53	6 ·47	14
10	Wed.	11	14 ·72	22 ·38	12	10	Mon.	11	1 ·67	1 ·09	14	10	Fri.	10	2 ·43	7 ·40	15
11	Thur.	12	P ·75	23 ·44	13	11	Tues.	12	2 ·58	2 ·05	15	11	Sat.	11	3 ·35	8 ·34	16
12	Fri.	13	1 ·74	24 ·48	14					3 ·99		12	Sun.	12	4 ·26	9 ·28	17
13	Sat.	14	2 ·72	25 ·49	15	12	Wed.	13	3 ·49	4 ·03	16	13	Mon.	13	5 ·19	10 ·24	18
14	Sun.	15	3 ·68	26 ·48	16	13	Thur.	14	4 ·39	5 ·86	17	14	Tues.	14	6 ·13	11 ·20	19
15	Mon.	16	4 ·63	27 ·46	17	14	Fri.	15	5 ·28	6 ·79	18	15	Wed.	15	7 ·09	12 ·19	20
16	Tues.	17	5 ·56	1 ·43	18	15	Sat.	16	6 ·19	7 ·72	19	16	Thur.	16	8 ·07	13 ·20	21
17	Wed.	18	6 ·47	2 ·38	19	16	Sun.	17	7 ·10	8 ·66	20	17	Fri.	17	9 ·08	14 ·22	22
18	Thur.	19	7 ·36	3 ·31	20	17	Mon.	18	8 ·01	9 ·61	21	18	Sat.	18	10 ·09	15 ·26	23
19	Fri.	20	8 ·27	4 ·25	21				9 ·94			19	Sun.	19	11 ·13	16 ·33	24
20	Sat.	21	9 ·16	5 ·19	22	18	Tues.	19	10 ·88	10 ·58	22	20	Mon.	20	12 ·20	17 ·41	25
21	Sun.	22	10 ·07	6 ·11	23	19	Wed.	20	11 ·83	11 ·55	23	21	Tues.	21	13 ·27	18 ·51	26
			11 ·97			20	Thur.	21	12 ·81	12 ·54	24	22	Wed.	22	14 ·36	19 ·62	27
22	Mon.	23	12 ·89	7 ·05	24	21	Fri.	22	13 ·80	13 ·55	25	23	Thur.	23	—A ·44	20 ·72	28
				8 ·99		22	Sat.	23	14 ·81	14 ·58	26	24	Fri.	24	1 ·54	21 ·82	—29
23	Tues.	24	13 ·81	9 ·94	25	23	Sun.	24	—A ·86	15 ·64	27	25	Sat.	25	2 ·61	22 ·92	1
24	Wed.	25	14 ·74	10 ·91	26	24	Mon.	25	1 ·91	16 ·72	28	26	Sun.	26	3 ·67	... ...	2
25	Thur.	26	—A ·69	11 ·90	27	25	Tues.	26	2 ·99	17 ·80	—29	27	Mon.	27	4 ·72	23 ·00	3
26	Fri.	27	1 ·66	12 ·90	28	26	Wed.	27	... ...	18 ·90	1	28	Tues.	28	5 ·73	24 ·06	4
27	Sat.	28	2 ·66	13 ·92	—29	27	Thur.	28	3 ·06	.. ...	2	—29	Wed.	29	6 ·73	25 ·10	5
28	Sun.	29	3 ·66	14 ·96	1	28	Fri.	29	4 ·16	19 ·01	3	1	Thur.	30	7 ·72	26 ·11	6
29	Mon.	30	4 ·70	... ...	2	29	Sat.	30	5 ·25	20 ·12	4	2	Fri.	31	8 ·68	27 ·11	7
30	Tues.	31	5 ·76	15 ·02	3	—30	Sun.	31	6 ·32	21 ·22	5						

Viśvāsu. **Karkataka—Ādi.** *Śukla.* **Āshādha.** *Bahula.* **Śrāvana.** *Śukla.* **Bhādrapada.** *Bahula.* **Āśvina.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśirsha.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *Śukla.* **Phālguna.** *Bahula.* **Chaitra.** *Śukla.* **Vaiśākha.** *Bahula.* **Jyeshṭha.** *Śukla.* **Āshāḍha.**

Viśvāsu. **Siṁha—Āvani.** *H.* 1137 *Zi-l-ḥijja.* *Viśvāsu.* **Kanyā—Puraṭṭāśi.** *H.* 1137 *Zi-l-ka'da.* *Viśvāsu.* **Tulā—Aippaśi.** *H.* 1138 *Muḥarram.* *Viśvāsu.* **Vṛiśchika—Kārttigai.** *H.* 1138 *Ṣafar.* *Viśvāsu.* **Dhanus—Mārgaḷi.** *H.* 1138 *Rabi-ul awwal.* *H.* 1138 *Rabi-ul ākhir.*

13. Hasta, 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1726. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.) **Śaka 1648.** **Kaliyuga 4827.**
Solar Eclipse. ● **(Sūrya Sid.) March 29·60.** **(S. Cycle) Parābhava.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·51.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Sat.	1	*Śukla.* 9 ·62	1 ·09	8	3	Tues.	1	9 ·50	6 ·49	8	3	Sun.	1	11 ·08	13 ·81	10
4	Sun.	2	10 ·55	2 ·06	9	4	Wed.	2	10 ·41	7 42	9	4	Mon.	2	12 ·04	14 ·82	11
5	Mon.	3	11 ·47	3 ·01 / 4 ·95	10	5	Thur.	3	11 ·30	8 ·35	10	5	Tues.	3	13 ·02	15 ·84	12
6	Tues.	4	12 ·37	5 ·88	11	6	Fri.	4	12 ·21	9 ·29	11	6	Wed.	4	14 ·01	16 ·88	13
7	Wed.	5	13 ·27	6 ·81	12	7	Sat.	5	13 ·13	10 ·52	12	7	Thur.	5	P ·04	17 ·94	14
8	Thur.	6	14 ·17	7 ·75	13	8	Sun.	6	14 ·05 / P ·99	11 ·20	13	8	Fri.	6	1 ·07	... ...	15
9	Fri.	7	P ·00 / 1 ·99	8 ·68	14	9	Mon.	7	1 ·95	12 ·17	14	9	Sat.	7	2 ·13	18 ·02	16
10	Sat.	8	*Bahula.* 2 ·91	9 ·62	15	10	Tues.	8	2 ·94	13 16	15	10	Sun.	8	3 ·20	19 ·12	17
11	Sun.	9	3 ·84	10 ·57	16	11	Wed.	9	3 ·94	14 ·17	16	11	Mon.	9	4 ·28	20 ·22	18
12	Mon.	10	4 ·77	11 ·53	17	12	Thur.	10	4 ·97	15 ·20	17	12	Tues.	10	5 ·37	21 ·33	19
13	Tues.	11	5 ·74	12 ·52	18	13	Fri.	11	... ..	16 .26	18	13	Wed.	11	6 ·46	22 ·43	20
14	Wed.	12	6 ·71	13 ·52	19	14	Sat.	12	5 ·01	17 ·33	19	14	Thur.	12	7 ·52	23 ·52	21
15	Thur.	13	7 ·72	14 ·53	20	15	Sun.	13	6 ·06	18 ·41	20	15	Fri.	13	8 ·57	24 ·61	22
16	Fri.	14	8 ·73	15 ·57	21	16	Mon.	14	7 ·14	19 ·51	21	16	Sat.	14	9 ·62	25 ·67	23
17	Sat.	15	9 ·79	16 ·68	22	17	Tues.	15	8 ·23	20 ·62	22	17	Sun.	15	10 ·62	26 ·71	24
18	Sun.	16	10 ·85	17 ·72	23	18	Wed.	16	9 ·32	21 ·73	23	18	Mon.	16	11 ·61	27 ·73	25
19	Mon.	17	11 ·92	18 ·81	24	19	Thur.	17	10 ·40	22 ·83	24	19	Tues.	17	12 ·59	1 ·73	26
20	Tues.	18	... ...	19 91	25	20	Fri.	18	11 ·47	23 ·92	25	20	Wed.	18	13 ·55	2 ·71	27
21	Wed.	19	12 ·01	... ..	26	21	Sat.	19	12 52	24 ·99	26	21	Thur.	19	14 ·47	3 ·9	28
22	Thur.	20	13 ·10	20 ·02	27	22	Sun.	20	13 ·56	... ...	27	22	Fri.	20	A ·38	4 ·64	29
23	Fri.	21	14 ·19	21 12	28	23	Mon.	21	14 ·57	25 ·04	28	23	Sat.	21	1 ·80	5 ·58	—30
24	Sat.	22	A ·26	22 ·22	29	24	Tues.	22	A ·56	26 ·08	29	24	Sun.	22	2 ·21	6 ·51	1
25	Sun.	23	1 ·32	23 ·31	—30	25	Wed.	23	1 ·54	27 ·09	—30	25	Mon.	23	3 ·10	7 ·44	2
26	Mon.	24	2 ·35	24 ·37	1	26	Thur.	24	2 ·49	1 ·08	1	26	Tues.	24	4 ·00 / 5 ·90	8 ·38	3
27	Tues.	25	3 ·38	25 ·41	2	27	Fri.	25	3 ·43	2 ·05	2	27	Wed.	25	6 ·80	9 ·31	4
28	Wed.	26	4 ·37	26 ·43	3	28	Sat.	26	*Śukla.* 4 ·86	3 ·01 / 4 ·97	3	28	Thur.	26	*Śukla.* 7 ·71	10 ·25	5
—29	Thur.	27	5 ·35	27 ·43	4	29	Sun.	27	5 ·27	5 ·90	4	29	Fri.	27	8 ·64	11 ·20	6
1	Fri.	28	*Śukla.* 6 ·31	1 ·42	5	30	Mon.	28	6 ·18	6 ·83	5	30	Sat.	28	9 ·58	12 ·16	7
2	Sat.	29	7 ·25	2 ·39	6	—31	Tues.	29	7 ·07 / 8 ·97	7 ·76	6	31	Sun.	29	10 ·54	13 ·16	8
3	Sun.	30	8 ·18	3 ·34	7	1	Wed.	30	9 ·87	8 ·69	7	—32	Mon.	30	11 ·51	14 ·14	9
4	Mon.	31	9 ·09	4 ·28	8	2	Thur.	31	10 ·77	9 ·64	8	1	Tues.	31	12 ·51	15 ·15	10
	Feb.						**April.**						**June.**				
5	Tues.	1	10 ·00 / 11 ·90	5 ·22	9	3	Fri.	1	11 ·68	10 ·58	9	2	Wed.	1	13 ·52	16 ·19	11
6	Wed.	2	12 ·80	6 ·16	10	4	Sat.	2	12 ·61	11 ·53	10	3	Thur.	2	14 ·56	17 ·24	12
7	Thur.	3	13 ·71	7 ·09	11	5	Sun.	3	13 ·55	12 ·50	11	4	Fri.	3	P ·61	18 ·33	13
8	Fri.	4	14 ·61	8 ·02 / 9 ·95	12	6	Mon.	4	14 ·51	13 ·48	12	5	Sat.	4	1 ·67	19 ·42	14
9	Sat.	5	*Māgha.* P ·53	10 ·90	13	7	Tues.	○5	P ·50	14 ·49	13	6	Sun.	5	2 ·75	20 ·52	15
10	Sun.	6	1 46	11 ·87	14	8	Wed.	6	1 ·49	15 ·52	14	7	Mon.	6	3 ·84	21 ·63	16
11	Mon.	7	2 ·41	12 ·85	15	9	Thur.	7	2 ·52	16 ·57	15	8	Tues.	7	4 ·94	22 ·73	17
12	Tues.	8	3 ·36	13 ·84	16	10	Fri.	8	3 ·56	17 ·63	16	9	Wed.	8	... ...	23 ·84	18
13	Wed.	9	4 ·34	14 ·85	17	11	Sat.	9	4 ·62	18 ·71	17	10	Thur.	9	*Bahula.* 5 ·00	24 ·92	19
14	Thur.	10	5 ·84	15 ·88	18	12	Sun.	10	5 ·70	19 ·81	18	11	Fri.	10	6 ·05	25 ·98	20
15	Fri.	11	6 ·36	16 ·95	19	13	Mon.	11	6 ·78	20 ·92	19	12	Sat.	11	7 ·09	.. ...	21
16	Sat.	12	*Bahula.* 7 ·41	... ...	20	14	Tues.	12	7 ·86	... ...	20	13	Sun.	12	8 ·10	26 ·03	22
17	Sun.	13	8 ·47	17 ·02	21	15	Wed.	13	8 ·94	21 ·03	21	14	Mon.	13	9 ·09	27 ·05	23
18	Mon.	14	9 ·55	18 ·11	22	16	Thur.	14	...	22 ·13	22	15	Tues.	14	10 ·07	1 ·06	24
19	Tues.	15	10 ·64	19 ·21	23	17	Fri.	15	9 ·01	23 ·22	23	16	Wed.	15	11 ·03 / 12 ·96	2 ·05	25
20	Wed.	16	11 ·72	20 ·32	24	18	Sat.	16	10 ·06	24 ·30	24	17	Thur.	16	13 ·88	3 ·02 / 4 ·97	26
21	Thur.	17	12 ·80	21 ·43	25	19	Sun.	17	11 ·10	25 ·36	25	18	Fri.	17	14 ·79	5 ·91	27
22	Fri.	18	13 ·88	22 ·53	26	20	Mon.	18	12 ·11	26 ·40	26	19	Sat.	18	A ·69	6 ·85	28
23	Sat.	19	14 ·94	23 ·61	27	21	Tues.	19	13 ·11	27 ·41	27	20	Sun.	19	1 ·59	7 ·79	—29
24	Sun.	20	A ·98	24 ·68	28	22	Wed.	20	14 ·09	1 ·41	28	21	Mon.	20	2 ·49	8 ·72	1
25	Mon.	21	1 ·99	25 ·73	—29	23	Thur.	21	A ·03 / 1 ·96	2 ·38	—29	22	Tues.	21	3 ·39	9 ·65	2
26	Tues.	22	2 ·98	26 ·75	1	24	Fri.	22	2 ·89	3 ·35	1	23	Wed.	22	4 ·29	10 ·59	3
27	Wed.	23	3 ·96	27 ·77	2	25	Sat.	23	3 ·80	4 ·30	2	24	Thur.	23	5 ·20	11 ·53	4
28	Thur.	24	4 ·91	1 ·75	3	26	Sun.	24	*Śukla.* 4 ·71	5 ·24	3	25	Fri.	24	6 ·13	12 ·50	5
29	Fri.	25	*Śukla.* 5 ·85	2 ·72	4	27	Mon.	25	5 ·61	6 ·17	4	26	Sat.	25	7 ·07	13 ·47	6
—30	Sat.	26	6 ·79	3 ·68	5	28	Tues.	26	6 ·50	7 ·10	5	27	Sun.	26	8 ·01 / 9 ·99	14 ·46	7
1	Sun.	27	7 ·70	4 ·62	6	29	Wed.	27	*Vaiśāk.* 7 ·39	8 ·03 / 9 ·97	6	28	Mon.	27	10 ·98	15 ·47	8
2	Mon.	28	8 ·60	5 ·56	7	—30	Thur.	28	8 ·30	10 91	7	29	Tues.	28	*Āsh.* 11 ·99	16 ·50	9
						1	Fri.	29	9 ·21	11 ·86	8	30	Wed.	29	... ...	17 ·56	10
						2	Sat.	30	10 ·14	12 ·83	9	—31	Thur.	30	12 ·03	18 ·63	11

Viśvāsu. **Makara—Tai.** *Viśvāsu.* **Kumbha—Māśi.** *Vibhavasu.* **Mīna—Pāṅguni.** *Parābhava.* **Mēsha—Chittirai.** *Pārābhava* **Vrishabha—Vaigāśi.** *Pārābhava* **Mithuna—Āni.**

Jamādi'l awwal. *H.* 1138 *Jamādi'l ākhir.* *H.* 1138 *Rajab.* *H.* 1138 *Sha'bān.* *H.* 1138 *Ramazān.* *H.* 1138 *Shawwāl.* *H.* 1138 *Zi-l-ka'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1726. **Kollam 902,** Commences **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1139.** Commences **Aug 18.** **Vikrama 1783.** **Bengal San. 1132.** **(N. Cycle) Anāla.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Pārābhava. **Karkaṭaka—Ādi.**	1 Fri. 1	13 ·09	19 ·72	12
	2 Sat. 2	14 ·16	20 ·82	13
	3 Sun. 3	P ·24	21 ·92	14
	4 Mon. 4	1 ·32	... ...	15
	5 Tues. 5	2 ·40	22 ·03	16
	6 Wed. 6	3 ·47	23 ·14	17
	7 Thur. 7	4 ·53	24 ·22	18
	8 Fri. 8	5 ·56	25 ·29	19
	9 Sat. 9	6 ·58	26 ·34	20
	10 Sun. 10	7 ·57	27 ·37	21
	11 Mon. 11	8 ·55	1 ·39	22
	12 Tues. 12	9 ·50	2 ·38	23
	13 Wed. 13	10 ·43	3 ·35	24
	14 Thur. 14	11 ·36	4 ·31	25
	15 Fri. 15	12 ·28	5 ·25	26
	16 Sat. 16	13 ·18	6 ·20	27
	17 Sun. 17	14 ·03 / A ·99	7 ·13	28
	18 Mon. 18	1 ·88	8 ·06 / 9 ·99	29
	19 Tues. 19	2 ·79	10 ·92	—30
	20 Wed. 20	3 ·69	11 ·87	1
	21 Thur. 21	4 ·60	12 ·83	2
	22 Fri. 22	5 ·54	13 ·80	3
	23 Sat. 23	6 ·50	14 ·78	4
	24 Sun. 24	7 ·48	15 ·79	5
	25 Mon. 25	8 ·47	16 ·82	6
	26 Tues. 26	9 ·47	17 ·87	7
	27 Wed. 27	10 ·51	18 ·94	8
	28 Thur. 28	11 ·56	... ...	9
	29 Fri. 29	12 ·63	19 ·03	10
	30 Sat. 30	13 ·71	20 ·12	11
	31 Sun. 31	14 ·80	21 ·22	12
	Aug.			
—32	Mon. 1	P ·88	22 ·34	13
1	Tues. 2	1 ·96	23 ·44	14
2	Wed. 3	... ...	24 ·53	15
3	Thur. 4	2 ·01	25 ·60	16
4	Fri. 5	3 ·04	26 ·66	17
5	Sat. 6	4 ·07	27 ·70	18
6	Sun. 7	5 ·06	1 ·71	19
7	Mon. 8	6 ·04	2 ·70	20
8	Tues. 9	7 ·00 / 8 ·94	3 ·68	21
9	Wed. 10	9 ·86	4 ·64	22
10	Thur. 11	10 ·77	5 ·60	23
11	Fri. 12	11 ·68	6 ·53	24
12	Sat. 13	12 ·58	7 ·47	25
13	Sun. 14	13 ·47	8 ·40	26
14	Mon. 15	14 ·37	9 ·32	27
15	Tues. 16	—A ·28	10 ·27	28
16	Wed. 17	1 ·19	11 ·21	—29
17	Thur. 18	2 ·11	12 ·16	1
18	Fri. 19	3 ·05	13 ·13	2
19	Sat. 20	4 ·00 / 5 ·98	14 ·11	3
20	Sun. 21	6 ·97	15 ·11	4
21	Mon. 22	7 ·99	16 ·14	5
22	Tues. 23	... ...	17 ·18	6
23	Wed. 24	8 ·02	18 ·24	7
24	Thur. 25	9 ·08	19 ·32	8
25	Fri. 26	10 ·14	20 ·42	9
26	Sat. 27	11 ·22	21 ·53	10
27	Sun. 28	12 ·29	22 ·64	11
28	Mon. 29	13 ·38	23 ·74	12
29	Tues. 30	14 ·47	24 ·83	13
30	Wed. 31	P ·52	25 ·91	14

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
—31	Thur. 1			
1	Fri. 2			
2	Sat. 3			
3	Sun. 4			
4	Mon. 5			
5	Tues. 6		3 ·01 / 4 ·98	20
6	Wed. 7	6 ·47	5 ·93	21
7	Thur. 8	7 ·39	6 ·87	22
8	Fri. 9	8 ·30	7 ·80	23
9	Sat. 10	9 ·20	8 ·73	24
10	Sun. 11	10 ·11 / 11 ·01	9 ·67	25
11	Mon. 12	12 ·91		26
12	Tues. 13	13 ·81	10 ·61	27
13	Wed. 14	14 ·72	11 ·54	28
14	Thur. 15	—A ·65	12 ·49	29
15	Fri. 16	1 ·59	13 ·46	—30
16	Sat. 17	2 ·54	14 ·43	1
17	Sun. 18	3 ·52	15 ·44	2
18	Mon. 19	4 ·51	16 ·45	3
19	Tues. 20	5 ·53	17 ·49	4
20	Wed. 21	6 ·56	18 ·55	5
21	Thur. 22	7 ·62	19 ·62	6
22	Fri. 23	8 ·69	20 ·72	7
23	Sat. 24	9 ·78	21 ·83	8
24	Sun. 25	10 ·86	22 ·93	9
25	Mon. 26	11 ·94	... ...	10
26	Tues. 27	... ...	23 ·04	11
27	Wed. 28	12 ·01	24 ·13	12
28	Thur. 29	13 ·07	25 ·22	13
29	Fri. ○ 30	14 ·12	26 ·29	14
	Oct.			
—30	Sat. 1	P ·14	27 ·33	15
1	Sun. 2	1 ·15	1 ·35	16
2	Mon. 3	2 ·12	2 ·35	17
3	Tues. 4	3 ·09	3 ·34	18
4	Wed. 5	4 ·03 / 5 ·95	4 ·31	19
5	Thur. 6	6 ·87	5 ·27	20
6	Fri. 7	7 ·77	6 ·21	21
7	Sat. 8	8 ·68	7 ·14	22
8	Sun. 9	9 ·57	8 ·07 / 9 ·01 / 10 ·94	23
9	Mon. 10	10 ·48	11 ·88	24
10	Tues. 11	11 ·38	12 ·83	25
11	Wed. 12	12 ·30	13 ·78	26
12	Thur. 13	13 ·23	14 ·77	27
13	Fri. 14	14 ·17	15 ·76	28
14	Sat. 15	—A ·12	16 ·77	—29
15	Sun. 16	1 ·10	17 ·80	1
16	Mon. 17	2 ·10	18 ·85	2
17	Tues. 18	3 ·11	19 ·93	3
18	Wed. 19	4 ·14	... ...	4
19	Thur. 20	5 ·21	20 ·02	5
20	Fri. 21	6 ·29	21 ·12	6
21	Sat. 22	7 ·37	22 ·23	7
22	Sun. 23	8 ·45	23 ·34	8
23	Mon. 24	9 ·54	24 ·44	9
24	Tues. 25	10 ·61	25 ·53	10
25	Wed. 26	11 ·67	26 ·60	11
26	Thur. 27	12 ·72	27 ·64	12
27	Fri. 28	13 ·74	1 ·67	13
28	Sat. 29	14 ·74	2 ·68	14
29	Sun. 30	P ·71	3 ·67	15
—30	Mon. 31	1 ·68	4 ·64	16

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
	1 Tues. 1	3 ·55	5 ·60	17
	2 Wed. 2	4 ·47	6 ·54	18
	3 Thur. 3	5 ·37	7 ·48	19
	4 Fri. 4	6 ·28	8 ·42	20
	5 Sat. 5	7 ·18	9 ·35	21
	6 Sun. 6	8 ·09 / 9 ·99	10 ·28	22
	7 Mon. 7	10 ·91	11 ·22	23
	8 Tues. 8	11 ·84	12 ·16	24
	9 Wed. 9	12 ·77	13 ·13	25
	10 Thur. 10	13 ·73	14 ·10	26
	11 Fri. 11	14 ·71	15 ·08	27
	12 Sat. 12	—A ·72	16 ·09	28
	13 Sun. 13	1 ·74	17 ·12	29
	14 Mon. 14	2 ·77	18 ·17	—30
	15 Tues. 15	3 ·83	19 ·24	1
	16 Wed. 16	4 ·91	20 ·33	2
	17 Thur. 17	... ...	21 ·42	3
	18 Fri. 18	5 ·00	22 ·53	4
	19 Sat. 19	6 ·08	23 ·63	5
	20 Sun. 20	7 ·16	24 ·74	6
	21 Mon. 21	8 ·24	25 ·83	7
	22 Tues. 22	9 ·31	26 ·91	8
	23 Wed. 23	10 ·35	27 ·96	9
	24 Thur. 24	11 ·37	1 ·99	10
	25 Fri. 25	12 ·36	... ...	11
	26 Sat. 26	13 ·34	2 ·01	12
	27 Sun. 27	14 ·31	3 ·00 / 4 ·98	13
	28 Mon. 28	P ·25	5 ·93	14
	29 Tues. 29	1 ·18	6 ·88	15
—30	Wed. 30	2 ·09	7 ·83	16
	Dec.			
1	Thur. 1	3 ·00 / 4 ·91	8 ·76	17
2	Fri. 2	5 ·80	9 ·69	18
3	Sat. 3	6 ·71	10 ·62	19
4	Sun. 4	7 ·61	11 ·55	20
5	Mon. 5	8 ·54	12 ·50	21
6	Tues. 6	9 ·46	13 ·46	22
7	Wed. 7	10 ·41	14 ·42	23
8	Thur. 8	11 ·37	15 ·41	24
9	Fri. 9	12 ·36	16 ·41	25
10	Sat. 10	13 ·35	17 ·44	26
11	Sun. 11	14 ·37	18 ·48	27
12	Mon. 12	—A ·42	19 ·55	28
13	Tues. 13	1 ·48	20 ·63	—29
14	Wed. 14	2 ·56	21 ·72	1
15	Thur. 15	3 ·65	22 ·83	2
16	Fri. 16	4 ·74	23 ·94	3
17	Sat. 17	5 ·82	... ...	4
18	Sun. 18	6 ·89	24 ·05	5
19	Mon. 19	7 ·96	25 ·14	6
20	Tues. 20	8 ·99	26 ·21	7
21	Wed. 21	... ...	27 ·27	8
22	Thur. 22	9 ·02	1 ·32	9
23	Fri. 23	10 ·01 / 11 ·99	2 ·33	10
24	Sat. 24	12 ·95	3 ·33	11
25	Sun. 25	13 ·90	4 ·31	12
26	Mon. 26	14 ·82	5 ·27	13
27	Tues. 27	P ·73	6 ·23	14
28	Wed. 28	1 ·65	7 ·17	15
—29	Thur. 29	2 ·55	8 ·10	16
1	Fri. 30	3 ·45	9 ·03 / 10 ·96	17
2	Sat. 31	4 ·36	11 ·90	18

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1727. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 29·86.** **Śaka 1649.** **Kaliyuga 4828.**
Lunar Eclipse. ○ (Arya Sid.) **March 29·77.** **(S. Cycle) Plavaṅga.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Pārābhava. **Makara—Tai.** 3	Sun.	1	5 ·27	12 ·84	19	3	Wed.	1	5 ·26	16 ·38	19	2	Mon.	1	7 ·53	22 ·33	21
4	Mon.	2	6 ·18	13 ·79	20	4	Thur.	2	6 ·24	17 ·39	20	3	Tues.	2	8 ·61	23 ·43	22
5	Tues.	3	7 ·11	14 ·75	21	5	Fri.	3	7 ·24	18 ·42	21	4	Wed	3	9 ·70	24 ·55	23
6	Wed.	4	8 ·06	15 ·73	22	6	Sat.	4	8 ·37	19 ·47	22	5	Thur.	4	10 ·78	25 ·65	24
7	Thur.	5	9 ·01	16 ·73	23	7	Sun.	5	9 ·30	20 ·55	23	6	Fri.	5	11 ·85	26 ·74	25
8	Fri.	6	10 ·00	17 ·76	24	8	Mon.	6	10 ·37	21 ·63	24	7	Sat.	6	12 ·90	27 ·82	26
9	Sat.	7	11 ·00	18 ·79	25	9	Tues.	7	11 ·45	22 ·73	25	8	Sun.	7	13 ·93	1 ·88	27
10	Sun.	8	12 ·03	19 ·85	26	10	Wed.	8	12 ·54	23 ·84	26	9	Mon.	8	14 ·94	2 ·93	28
11	Mon.	9	13 ·06	20 ·93	27	11	Thur.	9	13 ·62	24 ·94	27	10	Tues.	9	—**A** ·93	3 ·95	29
12	Tues.	10	14 ·13	... ...	28	12	Fri.	10	14 ·72	25 ·05	28	11	Wed.	10	1 ·91	4 ·95	—30
13	Wed.	11	—**A** ·21	21 ·02	29	13	Sat.	11	—**A** ·78	... ...	29	12	Thur.	11	2 ·85	5 ·93	1
14	Thur.	12	1 ·30	22 ·13	30	14	Sun.	12	1 ·83	26 ·14	—30	13	Fri.	12	3 ·78	6 ·90	2
15	Fri.	13	2 ·39	23 ·24	1	15	Mon.	13	2 ·87	27 ·21	1	14	Sat.	13	4 ·71	7 ·86	3
16	Sat.	14	3 ·48	24 ·34	2	16	Tues.	14	3 ·87	1 ·26	2	15	Sun.	14	5 ·62	8 ·80	4
17	Sun.	15	4 ·55	25 ·44	3	17	Wed.	15	4 ·86	2 ·29	3	16	Mon.	15	6 ·52	9 ·73	5
18	Mon.	16	5 ·60	26 ·52	4	18	Thur.	16	5 ·83	3 ·30	4	17	Tues.	16	7 ·41	10 ·66	6
19	Tues.	17	6 ·64	27 ·59	5	19	Fri.	17	6 ·79	4 ·30	5	18	Wed.	17	8 ·32	11 ·59	7
20	Wed.	18	7 ·66	1 ·63	6	20	Sat.	18	7 ·73	5 ·27	6	19	Thur.	18	9 ·21	12 ·53	8
21	Thur.	19	8 ·65	2 ·65	7	21	Sun.	19	8 ·66	6 ·23	7	20	Fri.	19	10 ·11	13 ·47	9
22	Fri.	20	9 ·63	3 ·65	8	22	Mon.	20	9 ·57	7 ·18	8	21	Sat.	20	11 ·03	14 ·42	10
23	Sat.	21	10 ·59	4 ·63	9	23	Tues.	21	10 ·47	8 ·11	9				12 ·96		
24	Sun.	22	11 ·53	5 ·61	10	24	Wed.	22	11 ·36	9 ·05	10	22	Sun.	21	13 ·90	15 ·38	11
25	Mon.	23	12 ·45	6 ·56	11					10 ·98		23	Mon.	22	14 ·86	16 ·35	12
26	Tues.	24	13 ·37	7 ·50	12	25	Thur.	23	12 ·26	11 ·91	11	24	Tues.	23	**P** ·84	17 ·36	13
27	Wed.	25	14 ·27	8 ·44	13	26	Fri.	24	13 ·18	12 ·85	12	25	Wed.	24	1 ·83	18 ·87	14
28	Thur.	26	**P** ·18	9 ·37	14	27	Sat.	25	14 ·08	13 ·79	13	26	Thur.	25	2 ·86	19 ·41	15
29	Fri.	27	1 ·08	10 ·30	15	28	Sun.	26	**P** ·00	14 ·75	14	27	Fri.	26	3 ·89	20 ·46	16
			2 ·98						1 ·92			28	Sat.	27	4 ·95	21 ·54	17
—30	Sat.	28	3 ·89	11 ·24	16	29	Mon.	27	2 ·86	15 ·72	15	29	Sun.	28	... ...	22 ·63	18
1	Sun.	29	4 ·81	12 ·17	17	30	Tues.	28	3 ·83	16 ·70	16	30	Mon.	29	5 ·03	23 ·74	19
2	Mon.	30	5 ·74	13 ·12	18	—31	Wed.	29	4 ·81	17 ·71	17	—31	Tues.	30	6 ·11	24 ·85	20
3	Tues.	31	6 ·69	14 ·08	19	1	Thur.	30	5 ·81	18 ·73	18	1	Wed.	31	7 ·19	25 ·95	21
						2	Fri.	31	6 ·83	19 ·79	19						
	Feb.						**April.**						**June.**				
Parābhava. **Kumbha—Māśi.** 4	Wed.	1	7 ·64	15 ·06	20	3	Sat.	1	7 ·87	20 ·85	20	2	Thur.	1	8 ·27	... ...	22
5	Thur.	2	8 ·63	16 ·06	21	4	Sun.	2	8 ·93	21 ·93	21	3	Fri.	2	9 ·34	26 ·05	23
6	Fri.	3	9 ·63	17 ·07	22	5	Mon.	3	... ..	... ...	22	4	Sat.	3	10 ·38	27 ·13	24
7	Sat.	4	10 ·67	18 ·10	23	6	Tues.	4	9 ·01	22 ·03	23	5	Sun.	4	11 ·41	1 ·20	25
8	Sun.	5	11 ·70	19 ·16	24	7	Wed.	5	10 ·10	23 ·13	24	6	Mon.	5	12 ·43	2 ·25	26
9	Mon.	6	12 ·77	20 ·23	25	8	Thur.	6	11 ·19	24 ·25	25	7	Tues.	6	13 ·41	3 ·27	27
10	Tues.	7	13 ·85	21 ·33	26	9	Fri.	7	12 ·27	25 ·35	26	8	Wed.	7	14 ·39	4 ·28	28
11	Wed.	8	14 ·94	22 ·43	27	10	Sat.	8	13 ·33	26 ·44	27	9	Thur.	8	—**A** ·34	5 ·26	—29
12	Thur.	9	... ...	23 ·54	28	11	Sun.	9	14 ·39	27 ·52	28	10	Fri.	9	1 ·29	6 ·24	1
13	Fri.	10	—**A** ·02	24 ·64	—29	12	Mon.	10	—**A** ·42	1 ·57	—29	11	Sat.	10	2 ·21	7 ·19	2
14	Sat.	11	1 ·10	25 ·74	1	13	Tues.	11	1 ·43	2 ·61	1	12	Sun.	11	3 ·12	8 ·13	3
15	Sun.	12	2 ·17	26 ·83	2	14	Wed.	12	2 ·42	3 ·63	2	13	Mon.	12	4 ·02	9 ·07	4
16	Mon.	13	3 ·23	27 ·90	3	15	Thur.	13	3 ·38	4 ·63	3				5 ·91		
17	Tues.	14	4 ·28	1 ·95	4	16	Fri.	14	4 ·33	5 ·60	4	14	Tues.	13	6 ·81	10 ·00	5
18	Wed.	15	5 ·28	2 ·97	5	17	Sat.	15	5 ·27	6 ·56	5					11 ·94	
19	Thur.	16	6 ·28	3 ·98	6	18	Sun.	16	6 ·20	7 ·51	6	15	Wed.	14	7 ·70	12 ·87	6
20	Fri.	17	7 ·25	4 ·97	7	19	Mon.	17	7 ·11	8 ·46	7	16	Thur.	15	8 ·61	13 ·80	7
21	Sat.	18	8 ·20	5 ·94	8	20	Tues.	18	8 ·02	9 ·39	8	17	Fri.	16	9 ·52	14 ·75	8
22	Sun.	19	9 ·14	6 ·90	9				9 ·91			18	Sat.	17	10 ·45	15 ·71	9
23	Mon.	20	10 ·07	7 ·84	10	21	Wed.	19	10 ·81	10 ·32	9	19	Sun.	18	11 ·38	16 ·68	10
			11 ·99			22	Thur.	20	11 ·71	11 ·25	10	20	Mon.	19	12 ·33	17 ·68	11
24	Tues.	21	12 ·89	8 ·77	11	23	Fri.	21	12 ·61	12 ·18	11	21	Tues.	20	13 ·32	18 ·69	12
25	Wed	22	13 ·80	9 ·70	12	24	Sat.	22	13 ·53	13 ·18	12	22	Wed.	21	14 ·31	19 ·72	13
26	Thur	23	14 ·69	10 ·64	13	25	Sun.	23	14 ·45	14 ·02	13	23	Thur.	22	**P** ·33	20 ·77	14
27	Fri.	24	**P** ·59	11 ·57	14	26	Mon.	24	**P** ·41	15 ·05	14	24	Fri.	23	1 ·37	21 ·84	15
28	Sat.	25	1 ·50	12 ·51	15	27	Tues.	25	1 ·36	16 ·03	15	25	Sat.	24	2 ·43	22 ·94	16
—29	Sun.	26	2 ·42	13 ·46	16	28	Wed.	26	2 ·33	17 ·03	16	26	Sun.	25	3 ·49	... ...	17
1	Mon.	27	3 ·35	14 ·41	17	29	Thur.	27	3 ·33	18 ·05	17	27	Mon.	26	4 ·57	23 ·04	18
2	Tues.	28	4 ·29	15 ·39	18	30	Fri.	28	4 ·36	19 ·10	18	28	Tues.	27	5 ·66	24 ·14	19
						—31	Sat.	29	5 ·41	20 ·16	19	29	Wed.	28	6 ·73	25 ·25	20
						1	Sun.	30	6 ·46	21 ·23	20	30	Thur.	29	7 ·81	26 ·35	21
												31	Fri.	30	8 ·86	27 ·44	22

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1727. **Kollam 903.** { **N. Malabar—Sep.** **S. Malabar—Aug.** } **Hijra 1140.** **Vikrama 1784.**
A—Amāvāsyā. Commences Commences **Aug. 8.** **Bengal San. 1133.**
P—Paurnimā. **(N. Cycle) Piṅgala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.						**Sep.**						**Nov.**			
—32	Sat.	1	*Bahula.* 9 ·89	1 ·51	23	—31	Fri.	1	12 ·60	8 ·14	25	—30	Wed.	1	14 ·20	15 ·38	27
1	Sun.	2	10 ·90	2 ·56	24	1	Sat.	2	13 ·51	9 ·09	26	1	Thur.	2	—**A** ·12	16 ·34	28
2	Mon.	3	11 ·90	3 ·59	25	2	Sun.	3	14 ·41	10 ·02 / 11 ·95	27	2	Fri.	3	1 ·06	17 ·32	29
3	Tues.	4	12 ·87	4 ·60	26	3	Mon.	● 4	—**A** ·31	12 ·88	28	3	Sat.	4	2 ·01	18 ·30	—30
4	Wed.	5	13 ·82	5 ·60	27	4	Tues.	5	1 ·21	13 ·81	29	4	Sun.	5	3 ·00	19 ·31	1
5	Thur.	6	14 ·76	6 ·57	28	5	Wed.	6	2 ·12	14 ·76	—30	5	Mon.	6	4 ·01	20 ·34	2
6	Fri.	7	—**A** ·68	7 ·52	29	6	Thur.	7	3 ·04 / 4 ·96	15 ·71	1	6	Tues.	7	5 ·02	21 ·38	3
7	Sat.	8	1 ·59	8 ·47	—30							7	Wed.	8	6 ·06	22 ·45	4
8	Sun.	9	2 ·49	9 ·41	1							8	Thur.	9	7 ·13	23 ·55	5
9	Mon.	10	*Śukla.* 3 ·39	10 ·35	2	7	Fri.	8	5 ·90	16 ·67	2	9	Fri.	10	8 ·21	24 ·64	6
10	Tues.	11	4 ·29	11 ·28	3	8	Sat.	9	6 ·84	17 ·65	3	10	Sat.	11	9 ·29	25 ·75	7
11	Wed.	12	5 ·19	12 ·21	4	9	Sun.	10	7 ·82	18 ·65	4	11	Sun.	12	10 ·38	26 ·86	8
12	Thur.	13	6 ·10	13 ·14	5	10	Mon.	11	8 ·82	19 ·67	5	12	Mon.	13	11 ·46	27 ·96	9
13	Fri.	14	7 ·00 / 8 ·92	14 ·08	6	11	Tues.	12	9 ·83	20 ·71	6	13	Tues.	14	12 ·54	... ...	10
14	Sat.	15	9 ·86	15 ·04	7	12	Wed.	13	10 ·88	21 ·77	7	14	Wed.	15	13 ·59	1 ·05	11
15	Sun.	16	10 ·82	16 ·02	8	13	Thur.	14	11 ·93	22 ·84	8	15	Thur.	16	14 ·64	2 ·13	12
16	Mon.	17	11 ·80	17 ·00	9	14	Fri.	15	... ...	23 ·94	9	16	Fri.	17	℗ ·66	3 ·18	13
17	Tues.	18	12 ·78	18 ·01	10	15	Sat.	16	12 ·00	... ...	10	17	Sat.	18	1 ·65	4 ·21	14
18	Wed.	19	13 ·81	19 ·03	11	16	Sun.	17	13 ·08	24 ·05	11	18	Sun.	19	2 ·63	5 ·22	15
19	Thur.	20	14 ·84	20 ·08	12	17	Mon.	18	14 ·17	25 ·15	12	19	Mon.	20	3 ·58	6 ·22	16
20	Fri.	21	℗ ·89	21 ·16	13	18	Tues.	19	℗ ·25	26 ·26	13	20	Tues.	21	4 ·53	7 ·20	17
21	Sat.	22	1 ·96	22 ·24	14	19	Wed.	20	1 ·33	27 ·35	14	21	Wed.	22	5 ·46	8 ·15	18
22	Sun.	23	... ...	23 ·34	15	20	Thur.	21	2 ·39	1 ·43	15	22	Thur.	23	6 ·38	9 ·10	19
23	Mon.	24	2 ·05	24 ·44	16	21	Fri.	22	3 ·42	2 ·50	16	23	Fri.	24	7 ·28	10 ·04 / 11 ·98	20
24	Tues.	25	3 ·14	25 ·55	17	22	Sat.	23	4 ·44	3 ·55	17	24	Sat.	25	8 ·19	12 ·91	21
25	Wed.	26	4 ·22	26 ·66	18	23	Sun.	24	5 ·44	4 ·57	18	25	Sun.	26	9 ·09 / 10 ·99	18 ·84	22
26	Thur.	27	5 ·28	27 ·75	19	24	Mon.	25	6 ·42	5 ·57	19	26	Mon.	27	11 ·90	14 ·77	23
27	Fri.	28	6 ·33	1 ·82	20	25	Tues.	26	7 ·39	6 ·56	20	27	Tues.	28	12 ·82	15 ·71	24
28	Sat.	29	7 ·37	2 ·88	21	26	Wed.	27	8 ·33	7 ·52	21	28	Wed.	29	13 ·75	16 ·67	25
29	Sun.	30	8 ·39	3 ·91	22	27	Thur.	28	9 ·25	8 ·49	22	—29	Thur.	30	14 ·69	17 ·64	26
30	Mon.	31	9 ·38	4 ·93	23	28	Fri.	29	10 ·15	9 ·43	23						
		Aug.				29	Sat.	30	11 ·06 / 12 ·97	10 ·36	24			**Dec.**			
—31	Tues.	1	10 ·35	5 ·92	24			**Oct.**				1	Fri.	1	—**A** ·65	18 ·63	27
1	Wed.	2	11 ·31	6 ·90	25	30	Sun.	1	13 ·87	11 ·29	25	2	Sat.	2	1 ·64	19 ·63	28
2	Thur.	3	12 ·26	7 ·86	26	—31	Mon.	2	14 ·77	12 ·22	26	3	Sun.	3	2 ·63	20 ·65	—29
3	Fri.	4	13 ·18	8 ·81	27	1	Tues.	3	—**A** ·67	13 ·16	27	4	Mon.	4	3 ·66	21 ·70	1
4	Sat.	5	14 ·09 / **A** ·99	9 ·74	28	2	Wed.	4	1 ·59	14 ·10	28	5	Tues.	5	4 ·71	22 ·77	2
5	Sun.	6	1 ·89	10 ·68	29	3	Thur.	5	2 ·52	15 ·05	—29	6	Wed.	6	5 ·78	23 ·85	3
6	Mon.	7	2 ·79	11 ·61	—30	4	Fri.	6	3 ·47	16 ·00 / 17 ·98	1	7	Thur.	7	6 ·85	24 ·94	4
7	Tues.	8	3 ·69	12 ·54	1	5	Sat.	7	4 ·42	18 ·98	2	8	Fri.	8	7 ·95	... ...	5
8	Wed.	9	4 ·59	13 ·48	2	6	Sun.	8	5 ·40	19 ·99	3	9	Sat.	9	... ...	25 ·05	6
9	Thur.	10	5 ·50	14 ·42	3	7	Mon.	9	6 ·39	... ...	4	10	Sun.	10	*Śukla.* 8 ·08	26 ·16	7
10	Fri.	11	6 ·43	15 ·38	4	8	Tues.	10	7 ·40	20 ·02	5	11	Mon.	11	9 ·10	27 ·27	8
11	Sat.	12	7 ·37	16 ·35	5	9	Wed.	11	8 ·45	21 ·07	6	12	Tues.	12	10 ·18	1 ·36	9
12	Sun.	13	8 ·32	17 ·33	6	10	Thur.	12	9 ·51	22 ·15	7	13	Wed.	13	11 ·24	2 ·43	10
13	Mon.	14	9 ·29	18 ·33	7	11	Fri.	13	10 ·58	23 ·24	8	14	Thur.	14	12 ·28	3 ·49	11
14	Tues.	15	10 ·29	19 ·35	8	12	Sat.	14	11 ·66	24 ·35	9	15	Fri.	15	13 ·29	4 ·53	12
15	Wed.	16	11 ·30	20 ·40	9	13	Sun.	15	12 ·75	25 ·45	10	16	Sat.	16	14 ·30	5 ·55	13
16	Thur.	17	12 ·35	21 ·46	10	14	Mon.	16	13 ·84	26 ·56	11	17	Sun.	17	℗ ·27	6 ·55	14
17	Fri.	18	13 ·40	22 ·54	11	15	Tues.	17	14 ·92	27 ·66	12	18	Mon.	18	1 ·23	7 ·52	15
18	Sat.	19	14 ·47	23 ·64	12	16	Wed.	18	℗ ·97	1 ·74	13	19	Tues.	19	2 ·18	8 ·49	16
19	Sun.	20	℗ ·54	24 ·74	13	17	Thur.	19	... ...	2 ·82	14	20	Wed.	20	3 ·10	9 ·44	17
20	Mon.	21	1 ·62	25 ·86	14	18	Fri.	20	1 ·01	3 ·86	15	21	Thur.	21	4 ·01 / 5 ·92	10 ·38	18
21	Tues.	22	2 ·72	26 ·96	15	19	Sat.	21	2 ·04	4 ·89	16	22	Fri.	22	6 ·83	11 ·32	19
22	Wed.	23	3 ·79	... ...	16	20	Sun.	22	3 ·03	5 ·90	17	23	Sat.	23	7 ·72	12 ·25	20
23	Thur.	24	4 ·85	27 ·05	17	21	Mon.	23	4 ·01 / 5 ·97	6 ·88	18	24	Sun.	24	8 ·63	13 ·18	21
24	Fri.	25	5 ·88	1 ·13	18	22	Tues.	24	6 ·92	7 ·86	19	25	Mon.	25	9 ·54	14 ·11	22
25	Sat.	26	6 ·90	2 ·19	19	23	Wed.	25	7 ·84	8 ·82	20	26	Tues.	26	10 ·45	15 ·06	23
26	Sun.	27	7 ·90	3 ·24	20	24	Thur.	26	8 ·75	9 ·76	21	27	Wed.	27	11 ·39	16 ·01 / 17 ·97	24
27	Mon.	28	8 ·86	4 ·25	21	25	Fri.	27	9 ·66	10 ·70	22	28	Thur.	28	12 ·34	18 ·95	25
28	Tues.	29	9 ·83	5 ·25	22	26	Sat.	28	10 ·56	11 ·63	23	—29	Fri.	29	13 ·30	19 ·95	26
29	Wed.	30	10 ·77	6 ·23	23	27	Sun.	29	11 ·46	12 ·57	24	1	Sat.	30	14 ·28	20 ·98	27
30	Thur.	31	11 ·70	7 ·19	24	28	Mon.	30	12 ·36	13 ·50	25	2	Sun.	31	—**A** ·29	... ...	28
						29	Tues.	31	13 ·28	14 ·44	26						

Plavaṅga. **Karkaṭaka—Ādi.** *Śrāvaṇa.* *Bhādrapada.* **Siṁha—Āvaṇi.** *Āśvina.* **Kanyā—Puraṭṭāśi.** *Kārttika.* **Tulā—Aippaśi.** *Mārgaśīrsha.* **Vṛiśchika—Kārttigai.** *Pausha.* **Dhanus—Mārgali.**

Bahula. *Śukla.* *H.* 1139 *Zi-l-ḥijja.* *Muḥarram.* *H.* 1140 *Muḥarram.* *Śafar.* *H.* 1140 *Rabī-ul awwal.* *Rabī-ul ākhir.* *H.* 1140 *Jamādā'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1728. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·11.** **Śaka 1650.** **Kaliyuga 4829.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·02.** **(S. Cycle) Kīlaka.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Mon.	1	1 ·31	21 ·01	29	3	Fri.	1	2 ·94	26 ·06	—30	3	Wed.	1	3 ·25	5 ·14	2
4	Tues.	2	2 ·35	22 ·07	—30	4	Sat.	2	... ...	27 ·16	1	4	Thur.	2	4 ·25	6 ·17	3
5	Wed.	3	3 ·42	23 ·15	1	5	Sun.	3	*Sukla.* 3 ·02	1 ·26	2	5	Fri.	3	5 ·22	7 ·17	4
6	Thur.	4	4 ·50	24 ·24	2	6	Mon.	4	4 ·08	2 ·36	3	6	Sat.	4	6 ·16	8 ·15	5
7	Fri.	5	5 ·59	25 ·35	3	7	Tues.	5	5 ·13	3 ·43	4	7	Sun.	5	7 ·10	9 ·11	6
8	Sat.	6	6 ·68	26 ·46	4	8	Wed.	6	6 ·16	4 ·48	5	8	Mon.	6	8 ·01	10 ·07	7
9	Sun.	7	7 ·77	27 ·57	5	9	Thur.	7	7 ·17	5 ·51	6				9 ·93		
10	Mon.	8	8 ·83	1 ·66	6	10	Fri.	8	8 ·16	6 ·52	7	9	Tues.	7	10 ·83	11 ·02	8
11	Tues.	9	9 ·89	2 ·74	7	11	Sat.	9	9 ·13	7 ·52	8					12 ·95	
12	Wed.	10	10 ·93	3 ·80	8	12	Sun.	10	10 ·09	8 ·49	9	10	Wed.	8	11 ·74	13 ·88	9
13	Thur.	11	11 ·94	4 ·85	9	13	Mon.	11	11 ·03	9 ·45	10	11	Thur.	9	12 ·63	14 ·81	10
14	Fri.	12	12 ·94	5 ·87	10				12 ·95			12	Fri.	10	13 ·52	15 ·74	11
15	Sat.	13	13 ·92	6 ·87	11	14	Tues.	12	13 ·86	10 ·39	11	13	Sat.	11	14 ·43	16 ·69	12
16	Sun.	14	14 ·88	7 ·85	12	15	Wed.	13	14 ·77	11 ·33	12	14	Sun.	12	ℙ ·34	17 ·64	13
17	Mon.	15	ℙ ·81	8 ·82	13	16	Thur.	14	ℙ ·66	12 ·26	13	15	Mon.	13	1 ·27	18 ·60	14
18	Tues.	16	1 ·73	9 ·78	14	17	Fri.	15	1 ·56	13 ·20	14	16	Tues.	14	2 ·21	19 ·57	15
19	Wed.	17	2 ·65	10 ·72	15	18	Sat.	16	2 ·47	14 ·13	15	17	Wed.	15	3 ·18	20 ·57	16
20	Thur.	18	3 ·55	11 ·66	16	19	Sun.	17	3 ·38	15 ·07	16	18	Thur.	16	4 ·16	21 ·59	17
21	Fri.	19	4 ·46	12 ·58	17	20	Mon.	18	4 ·29	16 ·01	17	19	Fri.	17	5 ·16	22 ·63	18
22	Sat.	20	5 ·36	13 ·51	18					17 ·96		20	Sat.	18	6 ·17	23 ·68	19
23	Sun.	21	6 ·27	14 ·45	19	21	Tues.	19	5 ·22	18 ·94	18	21	Sun.	19	7 ·22	24 ·76	20
24	Mon.	22	7 ·17	15 ·39	20	22	Wed.	20	6 ·17	19 ·92	19	22	Mon.	20	8 ·29	25 ·85	21
25	Tues.	23	8 ·09	16 ·34	21	23	Thur.	21	7 ·18	20 ·93	20	23	Tues.	21	9 ·36	26 ·95	22
26	Wed.	24	9 ·03	17 ·30	22	24	Fri.	22	8 ·12	21 ·95	21	24	Wed.	22	10 ·44	... ...	23
			10 ·98			25	Sat.	23	9 ·12	... ...	22	25	Thur.	23	11 ·52	27 ·07	24
27	Thur.	25	11 ·94	18 ·27	23	26	Sun.	24	10 ·15	22 ·00	23	26	Fri.	24	12 ·60	1 ·17	25
28	Fri.	26	12 ·92	19 ·27	24	27	Mon.	25	11 ·19	23 ·07	24	27	Sat.	25	13 ·66	2 ·27	26
29	Sat.	27	13 ·92	20 ·29	25	28	Tues.	26	12 ·25	24 ·15	25	28	Sun.	26	14 ·71	3 ·35	27
—30	Sun.	28	14 ·96	21 ·32	26	29	Wed.	27	13 ·34	25 ·25	26	29	Mon.	27	—A ·75	4 ·41	28
1	Mon.	29	... ...	22 ·38	27	—30	Thur.	28	14 ·42	26 ·36	27	30	Tues.	28	1 ·75	5 ·47	—29
2	Tues.	30	—A ·01	23 ·45	28	1	Fri.	29	—A ·51	27 ·46	28	—31	Wed.	29	2 ·74	6 ·49	1
3	Wed.	31	1 ·07	24 ·54	—29	2	Sat.	30	1 ·58	1 ·57	—29	1	Thur.	30	3 ·71	7 ·50	2
						3	Sun.	31	2 ·64	2 ·66	1	2	Fri.	31	4 ·67	8 ·48	3
	Feb.						**April.**						**June.**				
4	Thur.	1	2 ·14	25 ·65	1	4	Mon.	1	3 ·69	3 ·74	2	3	Sat.	1	5 ·59	9 ·45	4
5	Fri.	2	3 ·23	26 ·76	2	5	Tues.	2	4 ·73	4 ·79	3	4	Sun.	2	6 ·52	10 ·41	5
6	Sat.	3	4 ·31	27 ·86	3	6	Wed.	3	5 ·73	5 ·83	4	5	Mon.	3	7 ·48	11 ·35	6
7	Sun.	4	5 ·40	1 ·96	4	7	Thur.	4	6 ·72	6 ·84	5	6	Tues.	4	8 ·38	12 ·29	7
8	Mon.	5	6 ·47	... ...	5	8	Fri.	5	7 ·69	7 ·85	6	7	Wed.	5	9 ·22	13 ·22	8
9	Tues.	6	7 ·53	2 ·05	6	9	Sat.	6	8 ·64	8 ·82	7	8	Thur.	6	10 ·12	14 ·15	9
10	Wed.	7	8 ·56	3 ·12	7	10	Sun.	7	9 ·58	9 ·78	8	9	Fri.	7	11 ·03	15 ·09	10
11	Thur.	8	9 ·58	4 ·17	8	11	Mon.	8	10 ·50	10 ·73	9				12 ·93		
12	Fri.	9	10 ·57	5 ·19	9	12	Tues.	9	11 ·42	11 ·67	10	10	Sat.	8	13 ·84	16 ·02	11
13	Sat.	10	11 ·54	6 ·20	10	13	Wed.	10	12 ·32	12 ·61	11					17 ·97	
14	Sun.	11	12 ·49	7 ·18	11	14	Thur.	11	13 ·22	13 ·54	12	11	Sun.	9	14 ·77	18 ·93	12
15	Mon.	12	13 ·42	8 ·16	12	15	Fri.	12	14 ·11	14 ·47	13	12	Mon.	10	ℙ ·70	19 ·90	13
16	Tues.	13	14 ·35	9 ·12	13	16	Sat.	13	ℙ ·01	15 ·40	14	13	Tues.	11	1 ·66	20 ·90	14
17	Wed.	○14	ℙ ·27	10 ·06	14				1 ·92			14	Wed.	12	2 ·64	21 ·91	15
				11 ·99		17	Sun.	14	2 ·83	16 ·34	15	15	Thur.	13	3 ·65	22 ·94	16
18	Thur.	15	1 ·18	12 ·92	15	18	Mon.	15	3 ·77	17 ·30	16	16	Fri.	14	4 ·66	23 ·99	17
19	Fri.	16	2 ·08	13 ·85	16	19	Tues.	16	4 ·71	18 ·27	17	17	Sat.	15	5 ·70	... ...	18
			3 ·97			20	Wed.	17	5 ·67	19 ·25	18	18	Sun.	16	6 ·76	24 ·06	19
20	Sat.	17	4 ·88	14 ·79	17	21	Thur.	18	6 ·66	20 ·25	19	19	Mon.	17	7 ·83	25 ·15	20
21	Sun.	18	5 ·78	15 ·73	18	22	Fri.	19	7 ·64	21 ·27	20	20	Tues.	18	8 ·91	26 ·26	21
22	Mon.	19	6 ·71	16 ·67	19	23	Sat.	20	8 ·68	22 ·32	21	21	Wed.	19	9 ·99	27 ·36	22
23	Tues.	20	7 ·64	17 ·63	20	24	Sun.	21	9 ·72	23 ·38	22	22	Thur.	20	... ...	1 ·47	23
24	Wed.	21	8 ·59	18 ·60	21	25	Mon.	22	10 ·79	24 ·46	23	23	Fri.	21	10 ·07	2 ·57	24
25	Thur.	22	9 ·55	19 ·60	22	26	Tues.	23	11 ·86	25 ·55	24	24	Sat.	22	11 ·14	3 ·66	25
26	Fri.	23	10 ·54	20 ·61	23	27	Wed.	24	12 ·95	26 ·65	25	25	Sun.	23	12 ·19	4 ·73	26
27	Sat.	24	11 ·53	21 ·64	24	28	Thur.	25	... ...	27 ·77	26	26	Mon.	24	13 ·23	5 ·78	27
28	Sun.	25	12 ·56	22 ·69	25	29	Fri.	26	13 ·02	1 ·87	27	27	Tues.	25	14 ·23	6 ·81	28
29	Mon.	26	13 ·62	23 ·76	26	30	Sat.	27	14 ·10	2 ·97	28	28	Wed.	26	—A ·22	7 ·82	29
—30	Tues.	27	14 ·69	24 ·85	27	—31	Sun.	28	—A ·17	... ...	29	29	Thur.	27	1 ·19	8 ·81	—30
1	Wed.	28	—A ·77	25 ·95	28	1	Mon.	29	1 ·22	3 ·04	—30	30	Fri.	28	2 ·14	9 ·79	1
2	Thur.	29	1 ·85	... ...	29	2	Tues.	30	2 ·26	4 ·10	1	31	Sat.	29	3 ·07	10 ·74	2
												—32	Sun.	30	4 ·00	11 ·69	3
															5 ·90		

Plavanga. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* *K.* 1140 *Jamāda'l ākhir.*

Plavanga. **Kumbha—Māśi.** *Sukla.* **Phālguna.** *Bahula.* *H.* 1140 *Rajab.*

Plavanga. **Mīna—Pāṅguni.** *Sukla.* **Chaitra.** *Bahula.* *H.* 1140 *Śha'bān.*

Kilaka. **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 1140 *Ramazān.*

Kilaka. **Vṛishabha—Vaigāśi.** *Sukla.* **Adhika Vaiśākha.** *Bahula.* *H.* 1140 *Śhawwāl.*

Kilaka. **Mithuna—Āni.** *Sukla.* **Jyeshtha.** *Bahula.* *H.* 1140 *Zi-l-ka'da.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1728. **Kollam 904,** {**N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1141.** **Vikrama 1785.**
A—Amāvāsyā. Commences Commences **July 27.** **Bengal San. 1134.**
P—Paurnimā. **(N. Cycle) Kālayukta**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Kilaka. **Karkataka—Ādi.**	**July.**			
1	1 Mon.	*Śukla.* 6 ·80	12 ·63	4
2	2 Tues.	7 ·70	13 ·56	5
3	3 Wed.	8 ·59	14 ·50	6
4	4 Thur.	9 ·50	15 ·48	7
5	5 Fri.	10 ·40	16 ·36	8
6	6 Sat.	11 ·32	17 ·30	9
7	7 Sun.	12 ·24	18 ·26	10
8	8 Mon.	**Āshādha.** 13 ·18	19 ·23	11
9	9 Tues.	14 ·14	20 ·22	12
10	10 Wed.	**P** ·12	21 ·23	13
11	11 Thur.	1 ·12	22 ·25	14
12	12 Fri.	2 ·13	23 ·30	15
13	13 Sat.	3 ·17	24 ·37	16
14	14 Sun.	4 ·22	25 ·46	17
15	15 Mon.	*Bahula.* 5 ·30	26 ·56	18
16	16 Tues.	6 ·38	27 ·66	19
17	17 Wed.	7 ·47	1 ·77	20
18	18 Thur.	8 ·54	2 ·87	21
19	19 Fri.	9 ·61	3 ·97	22
20	20 Sat.	10 ·67	... ...	23
21	21 Sun.	11 ·70	4 ·04	24
22	22 Mon.	12 ·72	5 ·10	25
23	23 Tues.	13 ·70	6 ·13	26
24	24 Wed.	14 ·67	7 ·14	27
25	25 Thur.	—**A** ·62	8 ·14	28
26	26 Fri.	1 ·56	9 ·12	—29
27	27 Sat.	2 ·49	10 ·08	1
28	28 Sun.	3 ·40	11 ·02 12 ·96	2
29	29 Mon.	*Śukla.* 4 ·30	13 ·90	3
30	30 Tues.	5 ·19	14 ·83	4
—31	31 Wed.	6 ·10	15 ·76	5
	Aug.			
1	1 Thur.	7 ·00 8 ·90	16 ·70	6
2	2 Fri.	9 ·81	17 ·64	7
3	3 Sat.	10 ·73	18 ·59	8
4	4 Sun.	11 ·67	19 ·57	9
5	5 Mon.	12 ·63	20 ·55	10
6	6 Tues.	**Śrāvaṇa.** 13 ·62	21 ·55	11
7	7 Wed.	14 ·62	22 ·57	12
8	8 Thur. ○	**P** ·62	23 ·61	13
9	9 Fri.	1 ·66	24 ·68	14
10	10 Sat.	2 ·72	25 ·76	15
11	11 Sun.	3 ·80	26 ·86	16
12	12 Mon.	4 ·88	27 ·96	17
13	13 Tues.	5 ·95	... ...	18
14	14 Wed.	*Bahula.*	1 ·07	19
15	15 Thur.	6 ·04	2 ·18	20
16	16 Fri.	7 ·12	3 ·27	21
17	17 Sat.	8 ·17	4 ·35	22
18	18 Sun.	9 ·20	5 ·41	23
19	19 Mon.	10 ·23	6 ·45	24
20	20 Tues.	11 ·21	7 ·47	25
21	21 Wed.	12 ·18	8 ·47	26
22	22 Thur.	13 ·14	9 ·45	27
23	23 Fri.	14 ·08	10 ·41	28
24	24 Sat. ●	**A** ·00 1 ·92	11 ·36	29
25	25 Sun.	2 ·82	12 ·30	—30
26	26 Mon.	3 ·71	13 ·24	1
27	27 Tues.	4 ·61	14 ·17	2
28	28 Wed.	5 ·50	15 ·10	3
29	29 Thur.	*Śukla.* 6 ·41	16 ·03 17 ·97	4
30	30 Fri.	7 ·33	18 ·93	5
—31	31 Sat.	8 ·26	19 ·89	6

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Kilaka. **Kanyā—Purattāśi.**	**Sep.**			
1	1 Sun.	9 ·20	20 ·87	7
2	2 Mon.	10 ·15	21 ·87	8
3	3 Tues.	11 ·14	22 ·88	9
4	4 Wed.	12 ·14	23 ·93	10
5	5 Thur.	13 ·15	24 ·99	11
6	6 Fri.	14 ·19	... ...	12
7	7 Sat.	**P** ·25	25 ·06	13
8	8 Sun.	1 ·31	26 ·16	14
9	9 Mon.	2 ·39	27 ·26	15
10	10 Tues.	*Bahula.* 3 ·48	1 ·37	16
11	11 Wed.	4 ·56	2 ·48	17
12	12 Thur.	5 ·64	3 ·57	18
13	13 Fri.	6 ·70	4 ·66	19
14	14 Sat.	7 ·74	5 ·72	20
15	15 Sun.	8 ·76	6 ·76	21
16	16 Mon.	9 ·75	7 ·79	22
17	17 Tues.	10 ·72	8 ·79	23
18	18 Wed.	11 ·69	9 ·78	24
19	19 Thur.	12 ·62	10 ·74	25
20	20 Fri.	13 ·54	11 ·70	26
21	21 Sat.	14 ·46	12 ·65	27
22	22 Sun.	—**A** ·36	13 ·58	28
23	23 Mon.	1 ·27	14 ·51	—29
24	24 Tues.	2 ·17	15 ·44	1
25	25 Wed.	3 ·06 4 ·97	16 ·37	2
26	26 Thur.	5 ·88	17 ·32	3
27	27 Fri.	*Śukla.* 6 ·81	18 ·27	4
28	28 Sat.	7 ·76	19 ·22	5
29	29 Sun.	8 ·72	20 ·20	6
30	30 Mon.	9 ·70	21 ·19	7
	Oct.			
—31	31 Tues.	10 ·70	22 ·21	8
1	1 Wed.	11 ·72	23 ·24	9
2	2 Thur.	12 ·75	24 ·30	10
3	3 Fri.	13 ·81	25 ·37	11
4	4 Sat.	14 ·88	26 ·46	12
5	5 Sun.	**P** ·97	27 ·57	13
6	6 Mon.	... ...	1 ·67	14
7	7 Tues.	1 ·06	2 ·78	15
8	8 Wed.	2 ·14	3 ·88	16
9	9 Thur.	3 ·22	4 ·96	17
10	10 Fri.	4 ·28	... ...	18
11	11 Sat.	*Bahula.* 5 ·32	5 ·03	19
12	12 Sun.	6 ·34	6 ·08	20
13	13 Mon.	7 ·33	7 ·11	21
14	14 Tues.	8 ·30	8 ·12	22
15	15 Wed.	9 ·27	9 ·10	23
16	16 Thur.	10 ·20	10 ·07	24
17	17 Fri.	11 ·12	11 ·04 12 ·98	25
18	18 Sat.	12 ·04 13 ·95	13 ·92	26
19	19 Sun.	14 ·85	14 ·85	27
20	20 Mon.	—**A** ·75	15 ·78	28
21	21 Tues.	1 ·65	16 ·72	29
22	22 Wed.	2 ·56	17 ·65	—30
23	23 Thur.	3 ·47	18 ·60	1
24	24 Fri.	4 ·40	19 ·55	2
25	25 Sat.	*Śukla.* 5 ·34	20 ·52	3
26	26 Sun.	6 ·31	21 ·52	4
27	27 Mon.	7 ·29	22 ·53	5
28	28 Tues.	8 ·30	23 ·56	6
29	29 Wed.	9 ·32	24 ·60	7
—30	30 Thur.	10 ·36	25 ·67	8

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Kilaka. **Vṛiśchika—Kārttigai.**	**Nov.**			
1	1 Fri.	11 ·42	26 ·76	9
2	2 Sat.	12 ·49	27 ·86	10
3	3 Sun.	13 ·58	1 ·97	11
4	4 Mon.	14 ·68	... ...	12
5	5 Tues.	**P** ·76	2 ·08	13
6	6 Wed.	1 ·83	3 ·18	14
7	7 Thur.	2 ·89	4 ·26	15
8	8 Fri.	3 ·94	5 ·35	16
9	9 Sat.	4 ·95	6 ·40	17
10	10 Sun.	5 ·94	7 ·43	18
11	11 Mon.	*Bahula.* 6 ·91	8 ·44	19
12	12 Tues.	7 ·88	9 ·43	20
13	13 Wed.	8 ·82	10 ·41	21
14	14 Thur.	9 ·75	11 ·37	22
15	15 Fri.	10 ·66	12 ·32	23
16	16 Sat.	11 ·57	13 ·26	24
17	17 Sun.	12 ·47	14 ·19	25
18	18 Mon.	13 ·37	15 ·13	26
19	19 Tues.	14 ·27	16 ·06 17 ·99	27
20	20 Wed.	—**A** ·19	18 ·93	28
21	21 Thur.	1 ·10	19 ·89	—29
22	22 Fri.	2 ·02 3 ·97	20 ·86	1
23	23 Sat.	4 ·94	21 ·85	2
24	24 Sun.	5 ·92	22 ·86	3
25	25 Mon.	6 ·93	23 ·87	4
26	26 Tues.	*Śukla.* 7 ·96	24 ·91	5
27	27 Wed.	... ...	25 ·98	6
28	28 Thur.	8 ·01	... ...	7
—29	29 Fri.	9 ·07	26 ·07	8
1	30 Sat.	10 ·14	27 ·16	9
	Dec.			
2	1 Sun.	11 ·24	1 ·27	10
3	2 Mon.	12 ·32	2 ·37	11
4	3 Tues.	13 ·40	3 ·48	12
5	4 Wed.	14 ·48	4 ·58	13
6	5 Thur.	**P** ·54	5 ·65	14
7	6 Fri.	1 ·57	6 ·71	15
8	7 Sat.	2 ·60	7 ·75	16
9	8 Sun.	3 ·58	8 ·76	17
10	9 Mon.	4 ·56	9 ·77	18
11	10 Tues.	5 ·51	10 ·74	19
12	11 Wed.	*Bahula.* 6 ·45	11 ·71	20
13	12 Thur.	7 ·38	12 ·65	21
14	13 Fri.	8 ·29	13 ·59	22
15	14 Sat.	9 ·19	14 ·54	23
16	15 Sun.	10 ·10	15 ·47	24
17	16 Mon.	11 ·01 12 ·91	16 ·40	25
18	17 Tues.	13 ·82	17 ·33	26
19	18 Wed.	14 ·74	18 ·27	27
20	19 Thur.	—**A** ·66	19 ·22	28
21	20 Fri.	1 ·62	20 ·19	29
22	21 Sat.	2 ·58	21 ·17	—30
23	22 Sun.	*Śukla.* 3 ·57	22 ·17	1
24	23 Mon.	4 ·57	23 ·19	2
25	24 Tues.	5 ·60	24 ·22	3
26	25 Wed.	6 ·65	25 ·29	4
27	26 Thur.	7 ·71	26 ·37	5
28	27 Fri.	8 ·80	27 ·46	6
29	28 Sat.	9 ·88	1 ·57	7
—30	29 Sun.	10 ·97	2 ·68	8
1	30 Mon.	... ...	3 ·79	9
2	31 Tues.	11 ·05	4 ·88	10

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1729. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·37** **Śaka 1651.** **Kaliyuga 4830.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·28.** **(S. Cycle) Saumya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**			
3	Wed. 1	12 ·12	5 ·96	11	3	Sat. 1	12 ·47	9 ·74	11
4	Thur. 2	13 ·18	... ...	12	4	Sun. 2	13 ·43	10 ·73	12
5	Fri. 3	14 ·22	6 ·02	13	5	Mon. 3	14 ·39	11 ·70	13
6	Sat. 4	P ·24	7 ·06	14	6	Tues. 4	P ·32	12 ·67	14
7	Sun. 5	1 ·22	8 ·09	15	7	Wed. 5	1 ·24	13 ·61	15
8	Mon. 6	2 ·20	9 ·09	16	8	Thur. 6	2 ·15	14 ·55	16
9	Tues. 7	3 ·16	10 ·07	17	9	Fri. 7	3 ·05	15 ·48	17
10	Wed. 8	4 ·10	11 ·04 / 12 ·99	18	10	Sat. 8	4 ·96 / 5 ·85	16 ·41	18
11	Thur. 9	5 ·02 / 6 ·92	13 ·94	19	11	Sun. 9	6 ·76	17 ·35	19
12	Fri. 10	7 ·83	14 ·87	20	12	Mon. 10	7 ·67	18 ·29	20
13	Sat. 11	8 ·73	15 ·80	21	13	Tues. 11	8 ·59	19 ·23	21
14	Sun. 12	9 ·63	16 ·73	22	14	Wed. 12	9 ·52	20 ·18	22
15	Mon. 13	10 ·54	17 ·67	23	15	Thur. 13	10 ·47	21 ·15	23
16	Tues. 14	11 ·46	18 ·60	24	16	Fri. 14	11 ·44	22 ·14	24
17	Wed. 15	12 ·38	19 ·56	25	17	Sat. 15	12 ·42	23 ·15	25
18	Thur. 16	13 ·31	20 ·52	26	18	Sun. 16	13 ·43	24 ·17	26
19	Fri. 17	14 ·26	21 ·50	27	19	Mon. 17	14 ·46	25 ·22	27
20	Sat. 18	A ·22	22 ·49	28	20	Tues. 18	A ·50	26 ·28	28
21	Sun. 19	1 ·31	23 ·50	29	21	Wed. 19	1 ·58	27 ·37	29
22	Mon. 20	2 ·22	24 ·55	1	22	Thur. 20	2 ·65	1 ·47	1
23	Tues. 21	3 ·25	25 ·60	2	23	Fri. 21	3 ·74	2 ·58	2
24	Wed. 22	4 ·30	26 ·67	3	24	Sat. 22	4 ·82	3 ·68	3
25	Thur. 23	5 ·36	27 ·76	4	25	Sun. 23	5 ·90	4 ·78	4
26	Fri. 24	6 ·44	1 ·86	5	26	Mon. 24	6 ·97	5 ·87	5
27	Sat. 25	7 ·53	2 ·98	6	27	Tues. 25	... ...	6 ·96	6
28	Sun. 26	8 ·62	... ...	7	28	Wed. 26	7 ·02	... ...	7
29	Mon. 27	9 ·70	3 ·09	8	29	Thur. 27	8 ·05	7 ·01	8
1	Tues. 28	10 ·78	4 ·18	9	30	Fri. 28	9 ·05	8 ·05	9
2	Wed. 29	11 ·83	5 ·27	10	1	Sat. 29	10 ·04	9 ·06	10
3	Thur. 30	12 ·86	6 ·33	11	2	Sun. 30	11 ·00 / 12 ·95	10 ·06	11
4	Fri. 31	13 ·87	7 ·39	12	3	Mon. 31	13 ·88	11 ·04	12
	Feb.					**April.**			
5	Sat. 1	14 ·85	8 ·41	13	4	Tues. 1	14 ·80	12 ·00 / 13 ·95	13
6	Sun. ○ 2	P ·84	9 ·42	14	5	Wed. 2	P ·71	14 ·89	14
7	Mon. 3	1 ·78	10 ·40	15	6	Thur. 3	1 ·61	15 ·82	15
8	Tues. 4	2 ·72	11 ·37	16	7	Fri. 4	2 ·52	16 ·76	16
9	Wed. 5	3 ·64	12 ·33	17	8	Sat. 5	3 ·41	17 ·69	17
10	Thur. 6	4 ·56	13 ·28	18	9	Sun. 6	4 ·32	18 ·62	18
11	Fri. 7	5 ·46	14 ·21	19	10	Mon. 7	5 ·22	19 ·56	19
12	Sat. 8	6 ·37	15 ·14	20	11	Tues. 8	6 ·14	20 ·51	20
13	Sun. 9	7 ·26	16 ·07	21	12	Wed. 9	7 ·07	21 ·49	21
14	Mon. 10	8 ·16	17 ·00 / 18 ·95	22	13	Thur. 10	8 ·02 / 9 ·98	22 ·47	22
15	Tues. 11	9 ·07 / 10 ·99	19 ·89	23	14	Fri. 11	10 ·96	23 ·47	23
16	Wed. 12	11 ·93	20 ·85	24	15	Sat. 12	11 ·97	24 ·49	24
17	Thur. 13	12 ·88	21 ·82	25	16	Sun. 13	... ...	25 ·53	25
18	Fri. 14	13 ·85	22 ·81	26	17	Mon. 14	12 ·00	26 ·59	26
19	Sat. 15	14 ·83	23 ·83	27	18	Tues. 15	13 ·05	27 ·68	27
20	Sun. 16	A ·83	24 ·86	28	19	Wed. 16	14 ·11	1 ·77	28
21	Mon. 17	1 ·87	25 ·91	29	20	Thur. 17	A ·20	2 ·87	29
22	Tues. 18	2 ·92	26 ·98	30	21	Fri. 18	1 ·28	3 ·98	30
23	Wed. 19	3 ·99	... ...	1	22	Sat. 19	2 ·36	... ...	1
24	Thur. 20	... ...	27 ·06	2	23	Sun. 20	3 ·43	4 ·09	2
25	Fri. 21	4 ·07	1 ·17	3	24	Mon. 21	4 ·49	5 ·19	3
26	Sat. 22	5 ·16	2 ·28	4	25	Tues. 22	5 ·55	6 ·26	4
27	Sun. 23	6 ·24	3 ·38	5	26	Wed. 23	6 ·58	7 ·32	5
28	Mon. 24	7 ·31	4 ·48	6	27	Thur. 24	7 ·59	8 ·36	6
29	Tues. 25	8 ·38	5 ·57	7	28	Fri. 25	8 ·57	9 ·38	7
30	Wed. 26	9 ·44	6 ·65	8	29	Sat. 26	9 ·53	10 ·39	8
1	Thur. 27	10 ·48	7 ·70	9	30	Sun. 27	10 ·48	11 ·37	9
2	Fri. 28	11 ·48	8 ·73	10	31	Mon. 28	11 ·41	12 ·33	10
					1	Tues. 29	12 ·34	13 ·29	11
					2	Wed. 30	13 ·24	14 ·23	12
						May.			
3	Thur. 1	14 ·14	15 ·17	13					
4	Fri. 2	P ·04 / 1 ·94	16 ·08	14					
5	Sat. 3	2 ·84	17 ·03 / 18 ·96	15					
6	Sun. 4	3 ·74	19 ·90	16					
7	Mon. 5	4 ·66	20 ·86	17					
8	Tues. 6	5 ·58	21 ·82	18					
9	Wed. 7	6 ·54	22 ·79	19					
10	Thur. 8	7 ·50	23 ·79	20					
11	Fri. 9	8 ·49	24 ·80	21					
12	Sat. 10	9 ·48	25 ·84	22					
13	Sun. 11	10 ·51	26 ·90	28					
14	Mon. 12	11 ·56	27 ·98	24					
15	Tues. 13	12 ·62	... ...	25					
16	Wed. 14	13 ·69	1 ·07	26					
17	Thur. 15	14 ·77	2 ·17	27					
18	Fri. 16	A ·86	3 ·28	28					
19	Sat. 17	1 ·94	4 ·39	29					
20	Sun. 18	2 ·99	5 ·49	1					
21	Mon. 19	... ...	6 ·57	2					
22	Tues. 20	3 ·04	7 ·63	3					
23	Wed. 21	4 ·07	8 ·68	4					
24	Thur. 22	5 ·08	9 ·71	5					
25	Fri. 23	6 ·06	10 ·72	6					
26	Sat. 24	7 ·04 / 8 ·99	11 ·70	7					
27	Sun. 25	9 ·92	12 ·67	8					
28	Mon. 26	10 ·83	13 ·62	9					
29	Tues. 27	11 ·73	14 ·57	10					
30	Wed. 28	12 ·64	15 ·51	11					
31	Thur. 29	13 ·54	16 ·44	12					
32	Fri. 30	14 ·44	17 ·37	13					
1	Sat. 31	P ·34	18 ·30	14					
						June.			
2	Sun. 1	1 ·24	19 ·23	15					
3	Mon. 2	2 ·16	20 ·10	16					
4	Tues. 3	3 ·08	21 ·15	17					
5	Wed. 4	4 ·02 / 5 ·98	22 ·12	18					
6	Thur. 5	6 ·97	23 ·11	19					
7	Fri. 6	7 ·97	24 ·12	20					
8	Sat. 7	8 ·99	25 ·16	21					
9	Sun. 8	... ...	26 ·21	22					
10	Mon. 9	9 ·03	27 ·28	23					
11	Tues. 10	10 ·09	1 ·37	24					
12	Wed. 11	11 ·16	2 ·47	25					
13	Thur. 12	12 ·24	3 ·59	26					
14	Fri. 13	13 ·33	4 ·69	27					
15	Sat. 14	14 ·40	5 ·79	28					
16	Sun. 15	A ·47	6 ·88	29					
17	Mon. 16	1 ·52	7 ·95	30					
18	Tues. 17	2 ·56	... ...	1					
19	Wed. 18	3 ·56	8 ·01	2					
20	Thur. 19	4 ·54	9 ·03	3					
21	Fri. 20	5 ·52	10 ·04	4					
22	Sat. 21	6 ·47	11 ·03	5					
23	Sun. 22	7 ·40	12 ·00 / 13 ·96	6					
24	Mon. 23	8 ·32	14 ·81	7					
25	Tues. 24	9 ·23	15 ·84	8					
26	Wed. 25	10 ·12	16 ·77	9					
27	Thur. 26	11 ·02 / 12 ·92	17 ·70	10					
28	Fri. 27	13 ·81	18 ·63	11					
29	Sat. 28	14 ·72	19 ·58	12					
30	Sun. 29	P ·63	20 ·52	13					
31	Mon. 30	1 ·56	21 ·48	14					

Kilaka. **Makara—Tai.** *Pausha.* *Bahula.* *Sukla.* *H.* 1141 *Jamāda'l ākhir.*

Kilaka. **Kumbha—Māśi.** *Māgha.* *Bahula.* *Sukla.* *H.* 1141 *Rajab.*

Kilaka. **Mīna—Paiguni.** *Phālguna.* *Bahula.* *Sukla.* *H.* 1141 *Sha'bān.*

Saumya. **Mēsha—Chittirai.** *Chaitra.* *Bahula.* *Sukla.* *H.* 1141 *Ramazān.*

Saumya. **Vrishabha—Vaigāśi.** *Vaiśākha.* *Bahula.* *Sukla.* *H.* 1141 *Shawwāl.*

Saumya. **Mithuna—Āni.** *Jyeshtha.* *Bahula.* *Sukla.* *H.* 1141 *Zi-l-ka'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aśleṣh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1729. **Kollam 905,** { **N. Malabar—Sep.** **Hijra 1142.** **Vikrama 1786.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 16.** **Bengal San. 1135.**
P—Paurnimā. **(N. Cycle) Siddhārtin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Tues.	1	2 ·50	22 ·45	15	—31	Mon.	1	5 ·63	2 ·38	18	1	Sat.	1	6 ·18	8 ·56	20
2	Wed.	2	3 ·46	23 ·43	16	1	Tues.	2	6 ·72	3 ·48	19	2	Sun.	2	7 ·21	9 ·62	21
3	Thur.	3	4 ·45	24 ·45	17	2	Wed.	3	7 ·80	4 ·59	20	3	Mon.	3	8 ·24	10 ·65	22
4	Fri.	4	5 ·44	25 ·47	18	3	Thur.	4	8 ·89	5 ·69	21	4	Tues.	4	9 ·22	11 ·66	23
5	Sat.	5	6 ·47	26 ·52	19	4	Fri.	5	9 ·96	6 ·80	22	5	Wed.	5	10 ·20	12 ·65	24
6	Sun.	6	7 ·51	27 ·59	20	5	Sat.	6	... ...	7 ·88	23	6	Thur.	6	11 ·15	13 ·62	25
7	Mon.	7	8 ·56	1 ·67	21	6	Sun.	7	10 ·02	8 ·94	24	7	Fri.	7	12 ·10	14 ·59	26
8	Tues.	8	9 ·63	2 ·77	22	7	Mon.	8	11 ·05	9 ·98	25	8	Sat.	8	13 ·02 / 14 ·95	15 ·54	27
9	Wed.	9	10 ·72	3 ·88	23	8	Tues.	9	12 ·07	... ...	26						
10	Thur.	10	11 ·80	4 ·99	24	9	Wed.	10	13 ·05	10 ·00	27	9	Sun.	9	A ·85	16 ·48	28
11	Fri.	11	12 ·87	... ...	25	10	Thur.	11	14 ·02 / A ·99	11 ·01	28	10	Mon.	10	1 ·74	17 ·41	29
12	Sat.	12	13 ·94	5 ·09	26							11	Tues.	11	2 ·65	18 ·34	1
13	Sun.	13	... ...	6 ·18	27	11	Fri.	12	1 ·92	12 ·00 / 13 ·96	29	12	Wed.	12	3 ·56	19 ·27	2
14	Mon.	14	14 ·00	7 ·26	28							13	Thur.	13	4 ·47	20 ·21	3
15	Tues.	15	—A ·03	8 ·32	29	12	Sat.	13	2 ·84	14 ·91	1	14	Fri.	14	5 ·38	21 ·15	4
16	Wed.	16	1 ·04	9 ·35	1	13	Sun.	14	3 ·75	15 ·86	2	15	Sat.	15	6 ·31	22 ·11	5
17	Thur.	17	2 ·03	10 ·36	2	14	Mon.	15	4 ·66	16 ·80	3	16	Sun.	16	7 ·26	23 ·07	6
18	Fri.	18	3 ·00 / 4 ·94	11 ·35	3	15	Tues.	16	5 ·56	17 ·73	4	17	Mon.	17	8 ·22	24 ·06	7
						16	Wed.	17	6 ·46	18 ·66	5	18	Tues.	18	9 ·21	25 ·07	8
19	Sat.	19	5 ·88	12 ·33	4	17	Thur.	18	7 ·36	19 ·59	6	19	Wed.	19	10 ·21	26 ·09	9
20	Sun.	20	6 ·80	13 ·30	5	18	Fri.	19	8 ·26	20 ·53	7	20	Thur.	20	11 ·24	27 ·13	10
21	Mon.	21	7 ·71	14 ·24	6	19	Sat.	20	9 ·18	21 ·48	8	21	Fri.	21	12 ·28	1 ·20	11
22	Tues.	22	8 ·61	15 ·18	7	20	Sun.	21	10 ·11	22 ·44	9	22	Sat.	22	13 ·35	2 ·28	12
23	Wed.	23	9 ·51	16 ·11	8	21	Mon.	22	11 ·06	23 ·42	10	23	Sun.	23	14 ·43	3 ·38	13
24	Thur.	24	10 ·41	17 ·04 / 18 ·98	9	22	Tues.	23	12 ·01 / 13 ·99	24 ·41	11	24	Mon.	24	P ·52	4 ·49	14
25	Fri.	25	11 ·31	19 ·92	10	23	Wed.	24	14 ·99	25 ·42	12	25	Tues.	25	1 ·60	5 ·60	15
26	Sat.	26	12 ·21	20 ·86	11	24	Thur.	25	... ...	26 ·66	13	26	Wed.	26	2 ·69	6 ·70	16
27	Sun.	27	13 ·12	21 ·81	12	25	Fri.	26	P ·01	27 ·52	14	27	Thur.	27	3 ·77	7 ·79	17
28	Mon. ○	28	14 ·05 / P ·98	22 ·78	13	26	Sat.	27	1 ·06	1 ·59	15	28	Fri.	28	4 ·82	8 ·87	18
						27	Sun.	28	2 ·11	2 ·68	16	29	Sat.	29	5 ·86	9 ·93	19
29	Tues.	29	1 ·95	23 ·77	14	28	Mon.	29	3 ·19	3 ·78	17	—30	Sun.	30	6 ·87	10 ·97	20
30	Wed.	30	2 ·93	24 ·77	15	29	Tues.	30	4 ·28	4 ·88	18						
31	Thur.	31	3 ·94	25 ·79	16												
	Aug.						**Oct.**						**Dec.**				
—32	Fri.	1	4 ·95	26 ·83	17	—30	Wed.	1	5 ·37	... ...	19	1	Mon.	1	7 ·87	11 ·98	21
1	Sat.	2	5 ·98	27 ·89	18	1	Thur.	2	6 ·45	5 ·00	20	2	Tues.	2	8 ·84	12 ·98	22
2	Sun.	3	... ...	1 ·98	19	2	Fri.	3	7 ·52	6 ·10	21	3	Wed.	3	9 ·79	13 ·96	23
3	Mon.	4	6 ·05	... ...	20	3	Sat.	4	8 ·58	7 ·18	22	4	Thur.	4	10 ·73	14 ·93	24
4	Tues.	5	7 ·12	2 ·08	21	4	Sun.	5	9 ·61	8 ·25	23	5	Fri.	5	11 ·65	15 ·87	25
5	Wed.	6	8 ·21	3 ·18	22	5	Mon.	6	10 ·64	9 ·30	24	6	Sat.	6	12 ·57	16 ·81	26
6	Thur.	7	9 ·29	4 ·29	23	6	Tues.	7	11 ·62	10 ·33	25	7	Sun.	7	13 ·48	17 ·75	27
7	Fri.	8	10 ·37	5 ·39	24	7	Wed.	8	12 ·60	11 ·34	26	8	Mon.	8	14 ·38	18 ·68	28
8	Sat.	9	11 ·43	6 ·49	25	8	Thur.	9	13 ·55	12 ·32	27	9	Tues.	9	—A ·28	19 ·61	29
9	Sun.	10	12 ·48	7 ·57	26	9	Fri.	10	14 ·49	13 ·29	28	10	Wed.	10	1 ·17	20 ·55	—30
10	Mon.	11	13 ·52	8 ·63	27	10	Sat.	11	—A ·42	14 ·25	29	11	Thur.	11	2 ·09	21 ·49	1
11	Tues.	12	14 ·54	9 ·67	28	11	Sun.	12	1 ·33	15 ·20	—30	12	Fri.	12	3 ·01 / 4 ·95	22 ·44	2
12	Wed.	13	—A ·52	10 ·68	29	12	Mon.	13	2 ·24	16 ·14	1						
13	Thur.	14	1 ·49	11 ·68	—30	13	Tues.	14	3 ·13	17 ·07	2	13	Sat.	13	5 ·90	23 ·40	3
14	Fri.	15	2 ·46	12 ·67	1							14	Sun.	14	6 ·87	24 ·39	4
15	Sat.	16	3 ·39	13 ·63	2	14	Wed.	15	4 ·04 / 5 ·94	18 ·00 / 19 ·93	3	15	Mon.	15	7 ·85	25 ·39	5
16	Sun.	17	4 ·31	14 ·58	3	15	Thur.	16	6 ·84	20 ·87	4	16	Tues.	16	8 ·86	26 ·41	6
17	Mon.	18	5 ·22	15 ·52	4	16	Fri.	17	7 ·76	21 ·82	5	17	Wed.	17	9 ·89	27 ·44	7
18	Tues.	19	6 ·12	16 ·45	5	17	Sat.	18	8 ·70	22 ·77	6	18	Thur.	18	10 ·93	1 ·50	8
19	Wed.	20	7 ·01 / 8 ·91	17 ·39	6	18	Sun.	19	9 ·64	23 ·74	7	19	Fri.	19	... ...	2 ·59	9
						19	Mon.	20	10 ·60	24 ·73	8	20	Sat.	20	11 ·01	3 ·68	10
20	Thur.	21	9 ·82	18 ·32	7	20	Tues.	21	11 ·59	25 ·74	9	21	Sun.	21	12 ·09	4 ·79	11
21	Fri.	22	10 ·72	19 ·25	8	21	Wed.	22	12 ·59	26 ·78	10	22	Mon.	22	13 ·18	5 ·89	12
22	Sat.	23	11 ·64	20 ·19	9	22	Thur.	23	13 ·61	27 ·82	11	23	Tues.	23	14 ·26	... ..	13
23	Sun.	24	12 ·57	21 ·14	10	23	Fri.	24	14 ·65	1 ·89	12	24	Wed.	24	P ·34	6 ·00	14
24	Mon.	25	13 ·51	22 ·11	11	24	Sat.	25	P ·72	2 ·98	13	25	Thur.	25	1 ·42	7 ·10	15
25	Tues.	26	14 ·47	23 ·09	12	25	Sun.	26	1 ·80	... ...	14	26	Fri.	26	2 ·46	8 ·18	16
26	Wed.	27	P ·44	24 ·09	13	26	Mon.	27	2 ·88	3 ·08	15	27	Sat.	27	3 ·50	9 ·24	17
27	Thur.	28	1 ·45	25 ·10	14	27	Tues.	28	3 ·98	4 ·19	16	28	Sun.	28	4 ·52	10 ·28	18
28	Fri.	29	2 ·47	26 ·14	15	28	Wed.	29	... ...	5 ·30	17	—29	Mon.	29	5 ·51	11 ·30	19
29	Sat.	30	3 ·51	27 ·21	16	29	Thur.	30	4 ·06	6 ·40	18	1	Tues.	30	6 ·48	12 ·30	20
30	Sun.	31	4 ·56	1 ·28	17	—30	Fri.	31	5 ·13	7 ·49	19	2	Wed.	31	7 ·43	13 ·29	21

Saumya. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* **Śrāvana.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśīrsha.** *Bahula.* **Pausha.** *Saumya.* **Simha—Āvani.** *Saumya.* **Kanyā—Purattāśi.** *Saumya.* **Tulā—Aippaśi.** *Saumya.* **Vṛiśchika—Kārttigai.** *Saumya.* **Dhanus—Mārgali.**

H. 1141 *Zi-l-hijja.* *Muharram.* 1142 *Śafar.* *Rabī-ul-awwal.* *Rabī-ul ākhir.* *Jomāda'l awwal.* *Jomāda'l ākhir.* 1142 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1730. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·63.** **Śaka 1652.** **Kaliyuga 4831.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·54.** **(S. Cycle) Sādhārana.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Saumya. **Makara—Tai.**	**Jan.**			
3	Thur. 1	8 ·37	14 ·26	22
4	Fri. 2	9 ·30	15 ·21	23
5	Sat. 3	10 ·22	16 ·15	24
6	Sun. 4	11 ·12	17 ·08	25
7	Mon. 5	12 ·02 / 13 ·92	18 ·02 / 19 ·95	26
8	Tues. 6	14 ·83	20 ·88	27
9	Wed. 7	—**A** ·74	21 ·82	28
10	Thur. 8	1 ·66	22 ·77	—29
11	Fri. 9	2 ·60	23 ·74	1
12	Sat. 10	3 ·54	24 ·72	2
13	Sun. 11	4 ·51	25 ·71	3
14	Mon. 12	5 ·49	26 ·72	4
15	Tues. 13	6 ·51	27 ·76	5
16	Wed. 14	7 ·53	1 ·82	6
17	Thur. 15	8 ·59	2 ·89	7
18	Fri. 16	9 ·66	3 ·98	8
19	Sat. 17	10 ·74	... ...	9
20	Sun. 18	11 ·83	4 ·08	10
21	Mon. 19	12 ·91	5 ·19	11
22	Tues. 20	... ...	6 ·30	12
23	Wed. 21	13 ·00	7 ·40	13
24	Thur. 22	14 ·07	8 ·49	14
25	Fri. ○ 23	**P** ·12	9 ·55	15
26	Sat. 24	1 ·14	10 ·60	16
27	Sun. 25	2 ·16	11 ·62	17
28	Mon. 26	3 ·15	12 ·64	18
—29	Tues. 27	4 ·12	13 ·62	19
1	Wed. 28	5 ·06	14 ·59	20
2	Thur. 29	6 ·00 / 7 ·93	15 ·54	21
3	Fri. 30	8 ·84	16 ·49	22
4	Sat. 31	9 ·74	17 ·43	23
		Sukla.		*H.* 1142 *Rajab.*
Saumya. **Kumbha—Māsi.**	**Feb.**			
5	Sun. 1	10 ·64	18 ·36	24
6	Mon. 2	11 ·55	19 ·29	25
7	Tues. 3	12 ·45	20 ·22	26
8	Wed. 4	13 ·36	21 ·16	27
9	Thur. 5	14 ·28	22 ·11	28
10	Fri. 6	—**A** ·22	23 ·07	29
11	Sat. 7	1 ·18	24 ·04	—30
12	Sun. 8	2 ·14	25 ·03	1
13	Mon. 9	3 ·12	26 ·04	2
14	Tues. 10	4 ·13	27 ·08	3
15	Wed. 11	5 ·16	1 ·13	4
16	Thur. 12	6 ·22	2 ·20	5
17	Fri. 13	7 ·28	3 ·28	6
18	Sat. 14	8 ·37	4 ·38	7
19	Sun. 15	9 ·46	5 ·49	8
20	Mon. 16	10 ·53	6 ·60	9
21	Tues. 17	11 ·61	7 ·70	10
22	Wed. 18	12 ·69	8 ·79	11
23	Thur. 19	13 ·74	9 ·86	12
24	Fri. 20	14 ·77	10 ·91	13
25	Sat. 21	**P** ·78	11 ·95	14
26	Sun. 22	1 ·76	12 ·96	15
27	Mon. 23	2 ·74	13 ·95	16
28	Tues. 24	3 ·67	14 ·92	17
29	Wed. 25	4 ·60	15 ·88	18
—30	Thur. 26	5 ·54	16 ·83	19
1	Fri. 27	6 ·45	17 ·77	20
2	Sat. 28	7 ·35	18 ·70	21
		Śukla.		*H.* 1142 *Sha'bān.*
Saumya. **Mīna—Panguni.**	**March.**			
3	Sun. 1	8 ·25	19 ·63	22
4	Mon. 2	9 ·16	20 ·56	23
5	Tues. 3	10 ·05 / 11 ·96	21 ·50	24
6	Wed. 4	12 ·88	22 ·45	25
7	Thur. 5	13 ·82	23 ·40	26
8	Fri. 6	14 ·77	24 ·37	27
9	Sat. 7	—**A** ·73	25 ·35	28
10	Sun. 8	1 ·72	26 ·37	—29
11	Mon. 9	2 ·73	27 ·39	1
12	Tues. 10	3 ·76	1 ·44	2
13	Wed. 11	4 ·81	2 ·50	3
14	Thur. 12	5 ·88	3 ·58	4
15	Fri. 13	6 ·97	4 ·68	5
16	Sat. 14	... ...	5 ·80	6
17	Sun. 15	7 ·05	6 ·90	7
18	Mon. 16	8 ·14	... ...	8
19	Tues. 17	9 ·22	7 ·00	9
20	Wed. 18	10 ·28	8 ·09	10
21	Thur. 19	11 ·32	9 ·17	11
22	Fri. 20	12 ·35	10 ·23	12
23	Sat. 21	13 ·36	11 ·27	13
24	Sun. 22	14 ·34	12 ·28	14
25	Mon. 23	**P** ·31	13 ·27	15
26	Tues. 24	1 ·25	14 ·25	16
27	Wed. 25	2 ·19	15 ·22	17
28	Thur. 26	3 ·11	16 ·17	18
29	Fri. 27	4 ·02 / 5 ·91	17 ·11	19
30	Sat. 28	6 ·81	18 ·04 / 19 ·97	20
—31	Sun. 29	7 ·71	20 ·90	21
1	Mon. 30	8 ·62	21 ·84	22
2	Tues. 31	9 ·53	22 ·78	23
		Śukla.		*H.* 1142 *Ramazān.*
		Chaitra.		
		Śukla.		
Sādhārana. **Mēsha—Chittirai.**	**April.**			
3	Wed. 1	10 ·44	23 ·78	24
4	Thur. 2	11 ·37	24 ·70	25
5	Fri. 3	12 ·33	25 ·68	26
6	Sat. 4	13 ·29	26 ·69	27
7	Sun. 5	14 ·28	27 ·71	28
8	Mon. 6	—**A** ·28	1 ·75	29
9	Tues. 7	1 ·32	2 ·81	—30
10	Wed. 8	2 ·37	3 ·89	1
11	Thur. 9	3 ·45	4 ·99	2
12	Fri. 10	4 ·52	... ...	3
13	Sat. 11	5 ·60	5 ·09	4
14	Sun. 12	6 ·68	6 ·20	5
15	Mon. 13	7 ·75	7 ·30	6
16	Tues. 14	8 ·82	8 ·40	7
17	Wed. 15	9 ·87	9 ·49	8
18	Thur. 16	10 ·90	10 ·54	9
19	Fri. 17	11 ·90	11 ·58	10
20	Sat. 18	12 ·88	12 ·60	11
21	Sun. 19	13 ·85	13 ·60	12
22	Mon. 20	14 ·79	14 ·59	13
23	Tues. 21	**P** ·72	15 ·55	14
24	Wed. 22	1 ·64	16 ·50	15
25	Thur. 23	2 ·55	17 ·44	16
26	Fri. 24	3 ·45	18 ·38	17
27	Sat. 25	4 ·35	19 ·31	18
28	Sun. 26	5 ·24	20 ·25	19
29	Mon. 27	6 ·14	21 ·18	20
—30	Tues. 28	7 ·05 / 8 ·97	22 ·12	21
1	Wed. 29	9 ·91	23 ·07	22
2	Thur. 30	10 ·86	24 ·03	23
		Bahula.		*H.* 1142 *Shawwāl.*
		Vaiśākha.		
		Bahula.		
Sādhārana. **Mithuna—Āni.**	**May.**			
3	Fri. 1	11 ·82	25 ·01	24
4	Sat. 2	12 ·80	26 ·01	25
5	Sun. 3	13 ·80	27 ·02	26
6	Mon. 4	14 ·84	1 ·06	27
7	Tues. 5	—**A** ·89	2 ·11	28
8	Wed. 6	1 ·95	3 ·20	—29
9	Thur. 7	... ...	4 ·29	1
10	Fri. 8	2 ·02	5 ·39	2
11	Sat. 9	3 ·11	6 ·50	3
12	Sun. 10	4 ·19	7 ·61	4
13	Mon. 11	5 ·27	8 ·71	5
14	Tues. 12	6 ·33	9 ·79	6
15	Wed. 13	7 ·38	10 ·86	7
16	Thur. 14	8 ·40	11 ·90	8
17	Fri. 15	9 ·41	12 ·92	9
18	Sat. 16	10 ·39	13 ·92	10
19	Sun. 17	11 ·36	14 ·92	11
20	Mon. 18	12 ·31	15 ·89	12
21	Tues. 19	13 ·23	16 ·84	13
22	Wed. 20	14 ·14	17 ·78	14
23	Thur. 21	**P** ·05 / 1 ·95	18 ·72	15
24	Fri. 22	2 ·85	19 ·66	16
25	Sat. 23	3 ·74	20 ·59	17
26	Sun. 24	4 ·65	21 ·52	18
27	Mon. 25	5 ·56	22 ·45	19
28	Tues. 26	6 ·47	23 ·40	20
29	Wed. 27	7 ·41	24 ·37	21
30	Thur. 28	8 ·36	25 ·34	22
31	Fri. 29	9 ·32	26 ·33	23
—32	Sat. 30	10 ·29	27 ·34	24
1	Sun. 31	11 ·30	1 ·37	25
		Śukla.		*H.* 1142 *Zi-l-ka'da.*
		Jyeshtha.		
		Śukla.		
Sādhārana. **Mithuna—Āni.**	**June.**			
2	Mon. 1	12 ·32	2 ·43	26
3	Tues. 2	13 ·36	3 ·50	27
4	Wed. 3	14 ·43	4 ·59	28
5	Thur. 4	—**A** ·50	5 ·69	29
6	Fri. 5	1 ·58	6 ·80	—30
7	Sat. 6	2 ·67	7 ·91	1
8	Sun. 7	3 ·75	... ...	2
9	Mon. 8	4 ·81	8 ·01	3
10	Tues. 9	5 ·86	9 ·10	4
11	Wed. 10	6 ·88	10 ·16	5
12	Thur. 11	7 ·89	11 ·21	6
13	Fri. 12	8 ·87	12 ·24	7
14	Sat. 13	9 ·84	13 ·26	8
15	Sun. 14	10 ·79	14 ·25	9
16	Mon. 15	11 ·72	15 ·22	10
17	Tues. 16	12 ·64	16 ·17	11
18	Wed. 17	13 ·54	17 ·12	12
19	Thur. 18	14 ·43	18 ·06 / 19 ·99	13
20	Fri. 19	**P** ·34	20 ·92	14
21	Sat. 20	1 ·23	21 ·85	15
22	Sun. 21	2 ·14	22 ·79	16
23	Mon. 22	3 ·04 / 4 ·96	23 ·74	17
24	Tues. 23	5 ·89	24 ·70	18
25	Wed. 24	6 ·82	25 ·67	19
26	Thur. 25	7 ·79	26 ·65	20
27	Fri. 26	8 ·77	27 ·66	21
28	Sat. 27	9 ·77	1 ·69	22
29	Sun. 28	10 ·79	2 ·74	23
30	Mon. 29	11 ·85	3 ·81	24
—31	Tues. 30	12 ·91	4 ·89	25
		Bahula.		*H.* 1142 *Zi-l-hijja.*
		Āshādha.		
		Bahula.		

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1730. **Kollam 906,** { **N. Malabar—Sep.** **Hijra 1143.** **Vikrama 1787.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 6.** **Bengal San. 1136.**
P—Paurnimā. **(N. Cycle) Raudra.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
1	Wed. 1	13 ·98	5 ·99	26	—31	Tues. 1	—A ·36	11 ·16	28	1	Sun. 1	2 ·31	18 ·75	1
2	Thur. 2	... ...	... ...	27	1	Wed. 2	1 ·38	12 ·20	—29	2	Mon. 2	3 ·22	19 ·70	2
3	Fri. 3	14 ·06	6 ·09	28	2	Thur. 3	2 ·36	13 ·22	1	3	Tues. 3	4 ·12	20 ·63	3
4	Sat. ● 4	—A ·14	7 ·21	29	3	Fri. 4	3 ·34	14 ·22	2	4	Wed. 4	{ 5 ·02 / 6 ·92	21 ·56	4
5	Sun. 5	1 ·28	8 ·31	—30	4	Sat. 5	4 ·29	15 ·22	3	5	Thur. 5	7 ·83	22 ·49	5
6	Mon. 6	2 ·29	9 ·40	1	5	Sun. 6	5 ·23	16 ·18	4	6	Fri. 6	8 ·74	23 ·42	6
7	Tues. 7	3 ·34	10 ·47	2	6	Mon. 7	6 ·15	17 ·13	5	7	Sat. 7	9 ·66	24 ·37	7
8	Wed. 8	4 ·38	11 ·53	3	7	Tues. 8	{ 7 ·06 / 8 ·96	18 ·08	6	8	Sun. 8	10 ·59	25 ·33	8
9	Thur. 9	5 ·37	12 ·57	4						9	Mon. 9	11 ·54	26 ·29	9
10	Fri. 10	6 ·35	13 ·58	5	8	Wed. 9	9 ·86	19 ·01 / 20 ·94	7	10	Tues. 10	12 ·51	27 ·28	10
11	Sat. 11	7 ·32	14 ·57	6						11	Wed. 11	13 ·49	1 ·28	11
12	Sun. 12	8 ·27	15 ·55	7	9	Thur. 10	10 ·76	21 ·88	8	12	Thur. 12	14 ·50	2 ·31	12
13	Mon. 13	9 ·20	16 ·51	8	10	Fri. 11	11 ·65	22 ·81	9	13	Fri. 13	P ·53	3 ·35	13
14	Tues. 14	10 ·12	17 ·46	9	11	Sat. 12	12 ·56	23 ·75	10	14	Sat. 14	1 ·58	4 ·42	14
15	Wed. 15	{ 11 ·03 / 12 ·93	18 ·40	10	12	Sun. 13	13 ·48	24 ·69	11	15	Sun. 15	2 ·64	5 ·50	15
16	Thur. 16	13 ·83	19 ·33	11	13	Mon. 14	14 ·41	25 ·65	12	16	Mon. 16	3 ·72	6 ·59	16
17	Fri. 17	14 ·73	20 ·26	12	14	Tues. 15	P ·36	26 ·64	13	17	Tues. 17	4 ·82	7 ·70	17
18	Sat.○ 18	P ·63	21 ·19	13	15	Wed. 16	1 ·31	27 ·63	14	18	Wed. 18	5 ·90	8 ·82	18
19	Sun. 19	1 ·52	22 ·14	14	16	Thur. 17	2 ·30	1 ·64	15	19	Thur. 19	6 ·98	9 ·92	19
20	Mon. 20	2 ·45	23 ·08	15	17	Fri. 18	3 ·29	2 ·67	16	20	Fri. 20	... ...	... ...	20
21	Tues. 21	3 ·37	24 ·03 / 25 ·99	16	18	Sat. 19	4 ·33	3 ·73	17	21	Sat. 21	7 ·05	10 ·01	21
22	Wed. 22	4 ·31	26 ·98	17	19	Sun. 20	5 ·37	4 ·81	18	22	Sun. 22	8 ·11	11 ·08	22
23	Thur. 23	5 ·27	27 ·99	18	20	Mon. 21	6 ·43	5 ·90	19	23	Mon. 23	9 ·14	12 ·14	23
24	Fri. 24	6 ·26	... ...	19	21	Tues. 22	7 ·51	... ...	20	24	Tues. 24	10 ·16	13 ·19	24
25	Sat. 25	7 ·26	1 ·01	20	22	Wed. 23	8 ·60	6 ·00	21	25	Wed. 25	11 ·14	14 ·20	25
26	Sun. 26	8 ·27	2 ·05	21	23	Thur. 24	9 ·67	7 ·10	22	26	Thur. 26	12 ·12	15 ·20	26
27	Mon. 27	9 ·32	3 ·11	22	24	Fri. 25	10 ·75	8 ·21	23	27	Fri. 27	13 ·07	16 ·17	27
28	Tues. 28	10 ·38	4 ·19	23	25	Sat. 26	11 ·83	9 ·32	24	28	Sat. 28	{ 14 ·00 / A ·93	17 ·14	28
29	Wed. 29	11 ·46	5 ·29	24	26	Sun. 27	12 ·88	10 ·40	25	29	Sun. 29	1 ·84	18 ·09	29
30	Thur. 30	12 ·53	6 ·40	25	27	Mon. 28	13 ·91	11 ·47	26	—30	Mon. 30	2 ·75	19 ·03 / 20 ·97	—30
31	Fri. 31	13 ·62	7 ·51	26	28	Tues. 29	14 ·93	12 ·53	27					
	Aug.				29	Wed. 30	—A ·93	13 ·54	28		**Dec.**			
—32	Sat. 1	14 ·70	8 ·61	27		**Oct.**				1	Tues. 1	3 ·65	21 ·89	1
1	Sun. 2	—A ·76	9 ·70	28	—30	Thur. 1	1 ·90	14 ·56	29	2	Wed. 2	4 ·55	22 ·82	2
2	Mon. 3	1 ·82	10 ·78	29	1	Fri. 2	2 ·85	15 ·54	—30	3	Thur. 3	5 ·45	23 ·77	3
3	Tues. 4	2 ·84	11 ·85	—30	2	Sat. 3	3 ·79	16 ·51	1	4	Fri. 4	6 ·36	24 ·71	4
4	Wed. 5	3 ·86	12 ·89	1	3	Sun. 4	4 ·71	17 ·47	2	5	Sat. 5	7 ·29	25 ·66	5
5	Thur. 6	4 ·84	13 ·90	2	4	Mon. 5	5 ·62	18 ·41	3	6	Sun. 6	8 ·22	26 ·62	6
6	Fri. 7	5 ·82	14 ·90	3	5	Tues. 6	6 ·52	19 ·35	4	7	Mon. 7	9 ·18	27 ·60	7
7	Sat. 8	6 ·77	15 ·88	4	6	Wed. 7	7 ·42	20 ·29	5	8	Tues. 8	10 ·15	1 ·61	8
8	Sun. 9	7 ·70	16 ·85	5	7	Thur. 8	8 ·32	21 ·22	6	9	Wed. 9	11 ·13	2 ·63	9
9	Mon. 10	8 ·62	17 ·80	6	8	Fri. 9	9 ·23	22 ·15	7	10	Thur. 10	12 ·14	3 ·66	10
10	Tues. 11	9 ·52	18 ·74	7	9	Sat. 10	10 ·13	23 ·08	8	11	Fri. 11	13 ·17	4 ·72	11
11	Wed. 12	10 ·43	19 ·67	8	10	Sun. 11	{ 11 ·05 / 12 ·99	24 ·03 / 25 ·99	9	12	Sat. 12	14 ·23	5 ·80	12
12	Thur. 13	11 ·33	20 ·60	9	11	Mon. 12	13 ·94	26 ·96	10	13	Sun. 13	P ·29	6 ·89	13
13	Fri. 14	12 ·22	21 ·54	10	12	Tues. 13	14 ·90	27 ·95	11	14	Mon. 14	1 ·37	... ...	14
14	Sat. 15	13 ·12	22 ·47	11	13	Wed. 14	P ·88	1 ·96	12	15	Tues. 15	2 ·47	7 ·00	15
15	Sun. 16	14 ·03 P ·95	23 ·41	12	14	Thur. 15	1 ·89	2 ·99	13	16	Wed. 16	3 ·56	8 ·11	16
16	Mon. 17	1 ·88	24 ·36	13	15	Fri. 16	2 ·91	... ...	14	17	Thur. 17	4 ·63	9 ·22	17
17	Tues. 18	2 ·82	25 ·32	14	16	Sat. 17	3 ·95	3 ·04	15	18	Fri. 18	5 ·70	10 ·31	18
18	Wed. 19	3 ·77	26 ·30	15	17	Sun. 18	... ...	4 ·11	16	19	Sat. 19	6 ·76	11 ·39	19
19	Thur. 20	4 ·76	27 ·31	16	18	Mon. 19	4 ·02	5 ·20	17	20	Sun. 20	7 ·79	12 ·46	20
20	Fri. 21	5 ·76	1 ·32	17	19	Tues. 20	5 ·10	6 ·30	18	21	Mon. 21	8 ·81	13 ·50	21
21	Sat. 22	6 ·78	2 ·36	18	20	Wed. 21	6 ·18	7 ·40	19	22	Tues. 22	9 ·79	14 ·52	22
22	Sun. 23	7 ·83	3 ·42	19	21	Thur. 22	7 ·28	8 ·52	20	23	Wed. 23	10 ·76	15 ·52	23
23	Mon. 24	8 ·89	4 ·50	20	22	Fri. 23	8 ·36	9 ·62	21	24	Thur. 24	11 ·71	16 ·50	24
24	Tues. 25	9 ·96	5 ·60	21	23	Sat. 24	9 ·42	10 ·71	22	25	Fri. 25	12 ·65	17 ·48	25
25	Wed. 26	... ...	6 ·70	22	24	Sun. 25	10 ·47	11 ·78	23	26	Sat. 26	13 ·57	18 ·43	26
26	Thur. 27	10 ·05	7 ·81	23	25	Mon. 26	11 ·51	12 ·83	24	27	Sun. 27	14 ·48	19 ·37	27
27	Fri. 28	11 ·12	8 ·91	24	26	Tues. 27	12 ·53	13 ·86	25	28	Mon. ● 28	—A ·39	20 ·30	28
28	Sat. 29	12 ·20	... ...	25	27	Wed. 28	13 ·52	14 ·88	26	—29	Tues. 29	1 ·29	21 ·23	—29
29	Sun. 30	13 ·28	9 ·01	26	28	Thur. 29	14 ·49	15 ·87	27	1	Wed. 30	2 ·20	22 ·17	1
30	Mon. 31	14 ·33	10 ·10	27	29	Fri. 30	—A ·45	16 ·84	28	2	Thur. 31	3 ·11	23 ·10	2
					—30	Sat. 31	1 ·39	17 ·80	—29					

Sādhārana. **Karkaṭaka—Ādi.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśīrsha.** *Bahula.* **Pauṣha.**

Sādhārana. **Siṁha—Āvaṇi.** *Śukla.* **Adhika—Bhādrapada.** *Bahula.* **Āśvina.** *Bahula.* **Kārttika.** *Sukla.* **Pauṣha.** *Bahula.* **Māgha.**

Sādhārana. **Kanyā—Puraṭṭāśi.** *Śukla.* **Tulā—Aippaśi.** *Śukla.* **Vṛśchika—Kārttigai.** *Bahula.* **Dhanus—Mārgaḷi.** *Sukla.* **Makara—Tai.** *Bahula.* **Māgha.**

Śādhārana. **Vṛśchika—Kārttigai.** *Bahula.* **Dhanus—Mārgaḷi.** *Sukla.* **Makara—Tai.** *Bahula.* **Māgha.**

H. 1143 *Muharram.* *Śafar.* *Rabī-ul awwal.* *Rabī-ul ākhir.* *Jamādi'l awwal.* *Jamādi'l ākhir.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1731. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·89.** **Śaka 1653.** **Kaliyuga 4832.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·80.** **(S. Cycle) Virodhakṛit.**

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Sādhāraṇa. **Makara—Tai.**	**Jan.**				
3	Fri.	1	4 ·02 / 5 ·94	24 ·04 / 25 ·99	3
4	Sat.	2	6 ·87	26 ·95	4
5	Sun.	3	7 ·83	27 ·94	5
6	Mon.	4	8 ·79	1 ·93	6
7	Tues.	5	9 ·78	2 ·94	7
8	Wed.	6	10 ·78	3 ·98	8
9	Thur.	7	11 ·82	... ...	9
10	Fri.	8	12 ·87	4 ·03	10
11	Sat.	9	13 ·94	5 ·10	11
12	Sun.	10	... ...	6 ·20	12
13	Mon.	11	14 ·03	7 ·31	13
14	Tues.	12	P ·12	8 ·41	14
15	Wed.	13	1 ·21	9 ·52	15
16	Thur.	14	2 ·29	10 ·62	16
17	Fri.	15	3 ·36	11 ·71	17
18	Sat.	16	4 ·40	12 ·77	18
19	Sun.	17	5 ·43	13 ·82	19
20	Mon.	18	6 ·45	14 ·84	20
21	Tues.	19	7 ·43	15 ·85	21
22	Wed.	20	8 ·40	16 ·84	22
23	Thur.	21	9 ·35	17 ·81	23
24	Fri.	22	10 ·29	18 ·76	24
25	Sat.	23	11 ·20	19 ·71	25
26	Sun.	24	12 ·12	20 ·64	26
27	Mon.	25	13 ·02 / 14 ·92	21 ·58	27
28	Tues.	26	—A ·83	22 ·51	28
29	Wed.	27	1 ·73	23 ·44	29
—30	Thur.	28	2 ·64	24 ·38	—30
1	Fri.	29	3 ·57	25 ·32	1
2	Sat.	30	4 ·50	26 ·28	2
3	Sun.	31	5 ·46	27 ·26	3
	Feb.				
4	Mon.	1	6 ·42	1 ·25	4
5	Tues.	2	7 ·41	2 ·26	5
6	Wed.	3	8 ·42	3 ·29	6
7	Thur.	4	9 ·46	4 ·34	7
8	Fri.	5	10 ·51	5 ·42	8
9	Sat.	6	11 ·58	6 ·50	9
10	Sun.	7	12 ·67	7 ·60	10
11	Mon.	8	13 ·75	8 ·71	11
12	Tues.	9	14 ·84	9 ·82	12
13	Wed.	10	P ·91	10 ·92	13
14	Thur.	11	1 ·98	... ...	14
15	Fri.	12	... ...	11 ·01	15
16	Sat.	13	2 ·03	12 ·08	16
17	Sun.	14	3 ·07	13 ·13	17
18	Mon.	15	4 ·07	14 ·16	18
19	Tues.	16	5 ·06	15 ·18	19
20	Wed.	17	6 ·02 / 7 ·96	16 ·17	20
21	Thur.	18	8 ·90	17 ·14	21
22	Fri.	19	9 ·82	18 ·10	22
23	Sat.	20	10 ·74	19 ·04 / 20 ·99	23
24	Sun.	21	11 ·64	21 ·92	24
25	Mon.	22	12 ·54	22 ·85	25
26	Tues.	23	13 ·44	23 ·78	26
27	Wed.	24	14 ·34	24 ·71	27
28	Thur.	25	—A ·25	25 ·66	28
—29	Fri.	26	1 ·18	26 ·62	—29
1	Sat.	27	2 ·11	27 ·59	1
2	Sun.	28	3 ·07	1 ·57	2

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Sādhāraṇa. **Mīna—Pāṅguni.**	**March.**				
3	Mon.	1	4 ·04	2 ·58	3
4	Tues.	2	5 ·02	3 ·60	4
5	Wed.	3	6 ·02	4 ·68	5
6	Thur.	4	7 ·06	5 ·72	6
7	Fri.	5	8 ·11	6 ·80	7
8	Sat.	6	9 ·19	7 ·19	8
9	Sun.	7	10 ·27	... ...	9
10	Mon.	8	11 ·36	8 ·01	10
11	Tues.	9	12 ·44	9 ·12	11
12	Wed.	10	13 ·52	10 ·22	12
13	Thur.	11	14 ·58	11 ·31	13
14	Fri.	12	P ·63	12 ·39	14
15	Sat.	13	1 ·67	13 ·45	15
16	Sun.	14	2 ·66	14 ·49	16
17	Mon.	15	3 ·65	15 ·50	17
18	Tues.	16	4 ·61	16 ·49	18
19	Wed.	17	5 ·56	17 ·47	19
20	Thur.	18	6 ·49	18 ·43	20
21	Fri.	19	7 ·40	19 ·38	21
22	Sat.	20	8 ·31	20 ·33	22
23	Sun.	21	9 ·21	21 ·26	23
24	Mon.	22	10 ·11	22 ·19	24
25	Tues.	23	11 ·01 / 12 ·92	23 ·12	25
26	Wed.	24	13 ·83	24 ·05	26
27	Thur.	25	14 ·75	25 ·00 / 26 ·95	27
28	Fri.	26	—A ·68	27 ·92	28
29	Sat.	27	1 ·64	1 ·90	29
30	Sun.	28	2 ·61	2 ·90	—30
—31	Mon.	29	3 ·59	3 ·93	1
1	Tues.	30	4 ·60	4 ·97	2
2	Wed.	31	5 ·63	... ...	3
	April.				
3	Thur.	1	6 ·68	5 ·03	4
4	Fri.	2	7 ·75	6 ·11	5
5	Sat.	3	8 ·83	7 ·20	6
6	Sun.	4	9 ·92	8 ·31	7
7	Mon.	5	... ...	9 ·42	8
8	Tues.	6	10 ·00	10 ·52	9
9	Wed.	7	11 ·08	11 ·62	10
10	Thur.	8	12 ·14	12 ·70	11
11	Fri.	9	13 ·19	13 ·76	12
12	Sat.	10	14 ·21	14 ·80	13
13	Sun.	11	P ·21	15 ·82	14
14	Mon.	12	1 ·20	16 ·82	15
15	Tues.	13	2 ·15	17 ·80	16
16	Wed.	14	3 ·10	18 ·76	17
17	Thur.	15	4 ·03 / 5 ·95	19 ·72	18
18	Fri.	16	6 ·86	20 ·66	19
19	Sat.	17	7 ·77	21 ·60	20
20	Sun.	18	8 ·66	22 ·53	21
21	Mon.	19	9 ·56	23 ·46	22
22	Tues.	20	10 ·45	24 ·40	23
23	Wed.	21	11 ·36	25 ·34	24
24	Thur.	22	12 ·28	26 ·29	25
25	Fri.	23	13 ·22	27 ·25	26
26	Sat.	24	14 ·18	1 ·22	27
27	Sun.	25	—A ·14	2 ·23	28
28	Mon.	26	1 ·11	3 ·24	—29
29	Tues.	27	2 ·12	4 ·28	1
30	Wed.	28	3 ·16	5 ·33	2
—31	Thur.	29	4 ·21	6 ·41	3
1	Fri.	30	5 ·27	7 ·51	4

SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Virodhakṛit. **Vṛishabha—Vaigāśi.**	**May.**				
2	Sat.	1	6 ·35	8 ·61	5
3	Sun.	2	7 ·43	9 ·72	6
4	Mon.	3	8 ·51	10 ·82	7
5	Tues.	4	9 ·59	11 ·92	8
6	Wed.	5	10 ·66	... ...	9
7	Thur.	6	11 ·70	12 ·00	10
8	Fri.	7	12 ·72	13 ·08	11
9	Sat.	8	13 ·73	14 ·12	12
10	Sun.	9	14 ·71	15 ·14	13
11	Mon.	10	P ·68	16 ·14	14
12	Tues.	11	1 ·62	17 ·13	15
13	Wed.	12	2 ·54	18 ·11	16
14	Thur.	13	3 ·46	19 ·06	17
15	Fri.	14	4 ·37	20 ·00 / 21 ·94	18
16	Sat.	15	5 ·28	22 ·86	19
17	Sun.	16	6 ·17	23 ·80	20
18	Mon.	17	7 ·07 / 8 ·96	24 ·74	21
19	Tues.	18	9 ·87	25 ·67	22
20	Wed.	19	10 ·79	26 ·62	23
21	Thur.	20	11 ·72	27 ·58	24
22	Fri.	21	12 ·68	1 ·56	25
23	Sat.	22	13 ·63	2 ·55	26
24	Sun.	23	14 ·62	3 ·56	27
25	Mon.	24	—A ·62	4 ·59	28
26	Tues.	25	1 ·65	5 ·64	29
27	Wed.	26	2 ·69	6 ·71	—30
28	Thur.	27	3 ·77	7 ·81	1
29	Fri.	28	4 ·85	8 ·91	2
30	Sat.	29	5 ·93	... ...	3
—31	Sun.	30	... ...	9 ·02	4
1	Mon.	31	6 ·01	10 ·12	5
	June.				
2	Tues.	1	7 ·09	11 ·22	6
3	Wed.	2	8 ·15	12 ·32	7
4	Thur.	3	9 ·18	13 ·38	8
5	Fri.	4	10 ·21	14 ·43	9
6	Sat.	5	11 ·22	15 ·46	10
7	Sun.	6	12 ·19	16 ·47	11
8	Mon.	7	13 ·16	17 ·47	12
9	Tues.	8	14 ·11	18 ·44	13
10	Wed.	○9	P ·05 / 1 ·95	19 ·39	14
11	Thur.	10	2 ·86	20 ·34	15
12	Fri.	11	3 ·76	21 ·27	16
13	Sat.	12	4 ·65	22 ·21	17
14	Sun.	13	5 ·55	23 ·14	18
15	Mon.	14	6 ·45	24 ·07	19
16	Tues.	15	7 ·36	25 ·01 / 26 ·95	20
17	Wed.	16	8 ·27	27 ·92	21
18	Thur.	17	9 ·21	1 ·89	22
19	Fri.	18	10 ·15	2 ·87	23
20	Sat.	19	11 ·11	3 ·88	24
21	Sun.	20	12 ·10	4 ·90	25
22	Mon.	21	13 ·10	5 ·95	26
23	Tues.	22	14 ·13	... ...	27
24	Wed.	●23	—A ·17	6 ·03	28
25	Thur.	24	1 ·24	7 ·11	—29
26	Fri.	25	2 ·31	8 ·21	1
27	Sat.	26	3 ·39	9 ·32	2
28	Sun.	27	4 ·48	10 ·43	3
29	Mon.	28	5 ·55	11 ·53	4
30	Tues.	29	6 ·62	12 ·62	5
31	Wed.	30	7 ·66	13 ·69	6

Naksh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1731. **Kollam 907,** { **N. Malabar—Sep.** **Hijra 1144.** **Vikrama 1788.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 25.** **Bengal San. 1137.**
P—Paurnimā. **(N. Cycle) Durmati.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
—32	Thur.	1	8 ·69	14 ·75	7	—31	Wed.	1	11 ·35	21 ·29	10	—30	Mon.	1	14 ·88	1 ·54	12
1	Fri.	2	9 ·69	15 ·78	8	1	Thur.	2	12 ·25	22 ·23	11	1	Tues.	2	P ·82	2 ·51	13
2	Sat.	3	10 ·67	16 ·80	9	2	Fri.	3	13 ·16	23 ·16	12	2	Wed.	3	1 ·79	3 ·50	14
3	Sun.	4	11 ·64	17 ·79	10	3	Sat.	4	14 ·05	24 ·09	13	3	Thur.	4	2 ·79	4 ·50	15
4	Mon.	5	12 ·58	18 ·77	11				P ·96			4	Fri.	5	3 ·80	5 ·52	16
5	Tues.	6	13 ·52	19 ·73	12	4	Sun.	5	1 ·87	25 ·03	14	5	Sat.	6	4 ·82	6 ·56	17
6	Wed.	7	14 ·43	20 ·67	13					26 ·97		6	Sun.	7	5 ·87	7 ·64	18
7	Thur.	8	P ·34	21 ·62	14	5	Mon.	6	2 ·79	27 ·91	15	7	Mon.	8	6 ·94	8 ·72	19
8	Fri.	9	1 ·24	22 ·55	15	6	Tues.	7	3 ·72	1 ·87	16	8	Tues.	9	... ...	9 ·82	20
9	Sat.	10	2 ·15	23 ·48	16	7	Wed.	8	4 ·66	2 ·85	17	9	Wed.	10	7 ·02	10 ·92	21
10	Sun.	11	3 ·04	24 ·41	17	8	Thur.	9	5 ·62	3 ·85	18	10	Thur.	11	8 ·10	... ..	22
11	Mon.	12	4 ·93	25 ·35	18	9	Fri.	10	6 ·60	4 ·86	19	11	Fri.	12	9 ·20	11 ·03	23
12	Tues.	13	5 ·84	26 ·29	19	10	Sat.	11	7 ·62	5 ·89	20	12	Sat.	13	10 ·28	12 ·14	24
13	Wed.	14	6 ·75	27 ·25	20	11	Sun.	12	8 ·64	6 ·95	21	13	Sun.	14	11 ·35	13 ·23	25
14	Thur.	15	7 ·69	1 ·21	21	12	Mon.	13	9 ·69	... ...	22	14	Mon.	15	12 ·40	14 ·31	26
15	Fri.	16	8 ·63	2 ·20	22	13	Tues.	14	10 ·74	7 ·02	23	15	Tues.	16	13 ·44	15 ·36	27
16	Sat.	17	9 ·60	3 ·20	23	14	Wed.	15	11 ·82	8 ·12	24	16	Wed.	17	14 ·44	16 ·40	28
17	Sun.	18	10 ·58	4 ·22	24	15	Thur.	16	12 ·90	9 ·22	25	17	Thur.	18	—A ·43	17 ·42	29
18	Mon.	19	11 ·58	5 ·27	25	16	Fri.	17	13 ·98	10 ·32	26	18	Fri.	19	1 ·40	18 ·42	—30
19	Tues.	20	12 ·60	6 ·33	26	17	Sat.	18	... ...	11 ·43	27	19	Sat.	20	2 ·35	19 ·39	1
20	Wed.	21	13 ·64	7 ·41	27	18	Sun.	19	14 ·07	12 ·53	28	20	Sun.	21	3 ·29	20 ·35	2
21	Thur.	22	14 ·71	8 ·51	28	19	Mon.	20	—A ·14	13 ·62	29	21	Mon.	22	4 ·22	21 ·30	3
22	Fri.	23	—A ·78	9 ·61	29	20	Tues.	21	1 ·19	14 ·69	—30	22	Tues.	23	5 ·13	22 ·25	4
23	Sat.	24	1 ·87	10 ·73	—30	21	Wed.	22	2 ·22	15 ·74	1	23	Wed.	24	6 ·03	23 ·18	5
24	Sun.	25	2 ·95	11 ·88	1	22	Thur.	23	3 ·24	16 ·76	2	24	Thur.	25	7 ·93	24 ·11	6
25	Mon.	26	... ...	12 ·92	2	23	Fri.	24	4 ·22	17 ·77	3	25	Fri.	26	8 ·84	25 ·04	7
26	Tues.	27	3 ·03	... ...	3	24	Sat.	25	5 ·19	18 ·75	4	26	Sat.	27	9 ·74	26 ·98	8
27	Wed.	28	4 ·09	13 ·00	4	25	Sun.	26	6 ·15	19 ·73	5	27	Sun.	28	10 ·64	27 ·93	9
28	Thur.	29	5 ·14	14 ·06	5	26	Mon.	27	7 ·08	20 ·69	6	28	Mon.	29	11 ·57	1 ·88	10
29	Fri.	30	6 ·18	15 ·11	6	27	Tues.	28	8 ·00	21 ·63	7	—29	Tues.	30	12 ·51	2 ·84	11
30	Sat.	31	7 ·18	16 ·12	7	28	Wed.	29	9 ·90	22 ·57	8				13 ·45	3 ·82	
			8 ·16			29	Thur.	30	10 ·81	23 ·50	9						
	Aug.						**Oct.**		11 ·72				**Dec.**				
—31	Sun.	1	9 ·12	17 ·12	8	30	Fri.	1	12 ·62	24 ·44	10	1	Wed.	1	14 ·42	4 ·82	12
1	Mon.	2	10 ·08	18 ·10	9	—31	Sat.	2	13 ·52	25 ·37	11	2	Thur.	2	P ·42	5 ·84	13
2	Tues.	3	11 ·01	19 ·06	10	1	Sun.	3	14 ·43	26 ·30	12	3	Fri.	3	1 ·43	6 ·88	14
			12 ·93			2	Mon.	4	P ·35	27 ·25	13	4	Sat.	4	2 ·46	7 ·94	15
3	Wed.	4	13 ·83	20 ·02	11	3	Tues.	5	1 ·28	1 ·20	14	5	Sun.	5	3 ·52	... ...	16
				21 ·96		4	Wed.	6	2 ·24	2 ·18	15	6	Mon.	6	4 ·59	8 ·02	17
4	Thur.	5	14 ·78	22 ·89	12	5	Thur.	7	3 ·19	3 ·17	16	7	Tues.	7	5 ·67	9 ·12	18
5	Fri.	6	P ·64	23 ·82	13	6	Fri.	8	4 ·18	4 ·18	17	8	Wed.	8	6 ·77	10 ·22	19
6	Sat.	7	1 ·53	24 ·75	14	7	Sat.	9	5 ·20	5 ·21	18	9	Thur.	9	7 ·85	11 ·33	20
7	Sun.	8	2 ·44	25 ·68	15	8	Sun.	10	6 ·21	6 ·26	19	10	Fri.	10	8 ·92	12 ·44	21
8	Mon.	9	3 ·34	26 ·63	16	9	Mon.	11	7 ·26	7 ·33	20	11	Sat.	11	9 ·99	13 ·53	22
9	Tues.	10	4 ·25	27 ·58	17	10	Tues.	12	8 ·33	8 ·42	21	12	Sun.	12	... ...	14 ·61	23
10	Wed.	11	5 ·19	1 ·54	18	11	Wed.	13	9 ·40	9 ·52	22	13	Mon.	13	10 ·04	15 ·67	24
11	Thur.	12	6 ·13	2 ·52	19	12	Thur.	14	10 ·48	10 ·62	23	14	Tues.	14	11 ·08	16 ·72	25
12	Fri.	13	7 ·10	3 ·52	20	13	Fri.	15	11 ·58	11 ·73	24	15	Wed.	15	12 ·08	17 ·74	26
13	Sat.	14	8 ·07	4 ·54	21	14	Sat.	16	12 ·66	12 ·83	25	16	Thur.	16	13 ·08	18 ·74	27
14	Sun.	15	9 ·08	5 ·58	22	15	Sun.	17	13 ·72	13 ·93	26	17	Fri.	17	14 ·04	19 ·72	28
15	Mon.	16	10 ·10	6 ·64	23	16	Mon.	18	14 ·77	... ...	27				A ·99		
16	Tues.	17	11 ·15	7 ·72	24	17	Tues.	19	—A ·80	14 ·00	28	18	Sat.	18	1 ·98	20 ·69	—29
17	Wed.	18	12 ·22	8 ·81	25	18	Wed.	20	1 ·83	15 ·05	—29	19	Sun.	19	2 ·85	21 ·65	1
18	Thur.	19	13 ·29	9 ·92	26	19	Thur.	21	2 ·81	16 ·08	1	20	Mon.	20	3 ·76	22 ·59	2
19	Fri.	20	14 ·36	... ...	27	20	Fri.	22	3 ·77	17 ·09	2	21	Tues.	21	4 ·67	23 ·52	3
20	Sat.	21	—A ·44	10 ·03	28	21	Sat.	23	4 ·74	18 ·09	3	22	Wed.	22	5 ·58	24 ·45	4
21	Sun.	22	1 ·53	11 ·13	—29	22	Sun.	24	5 ·67	19 ·06	4	23	Thur.	23	6 ·47	25 ·38	5
22	Mon.	23	2 ·60	12 ·23	1	23	Mon.	25	6 ·59	20 ·02	5	24	Fri.	24	7 ·38	26 ·31	6
23	Tues.	24	3 ·65	13 ·31	2					21 ·97		25	Sat.	25	8 ·29	27 ·26	7
24	Wed.	25	4 ·68	14 ·38	3	24	Tues.	26	7 ·50	22 ·90	6	26	Sun.	26	9 ·21	1 ·21	8
25	Thur.	26	5 ·69	15 ·42	4	25	Wed.	27	8 ·41	23 ·85	7	27	Mon.	27	10 ·15	2 ·17	9
26	Fri.	27	6 ·68	16 ·44	5	26	Thur.	28	9 ·31	24 ·78	8	28	Tues.	28	11 ·10	3 ·15	10
27	Sat.	28	7 ·64	17 ·44	6	27	Fri.	29	10 ·21	25 ·70	9	—29	Wed.	29	12 ·08	4 ·14	11
28	Sun.	29	8 ·60	18 ·43	7	28	Sat.	30	11 ·11	26 ·64	10	1	Thur.	30	13 ·06	5 ·16	12
29	Mon.	30	9 ·53	19 ·39	8	29	Sun.	31	12 ·03	27 ·58	11	2	Fri.	31	14 ·09	6 ·20	13
30	Tues.	31	10 ·45	20 ·35	9				13 ·95								

Virodhakṛit. **Karkaṭaka—Ādi.** *H.* 1144 *Muharram.* *Virodhakṛit.* **Kanyā—Puraṭṭāsi.** *H.* 1144 *Rabī-ul awwal.* *Virodhakṛit.* **Vṛiśchika—Kārttigai.** *H.* 1144 *Jamāda'l awwal.*

Virodhakṛit. **Siṁha—Āvani.** *H.* 1144 *Ṣafar.* *Virodhakṛit.* **Tulā—Aippaśi.** *H.* 1144 *Rabī-ul ākhir.* *Virodhakṛit.* **Dhanus—Mārgaḷi.** *H.* 1144 *Jamāda'l ākhir.* *H.* 1144 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh., 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav., 23. Dhani. 24 Śatab.

A.D. 1732. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·15.** **Śaka 1654.** **Kaliyuga 4833.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·06.** **(S. Cycle) Paridhāvin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Virodhakrit. **Makara—Tai.**	**Jan.**		*Pausha.* *Śukla.*		*H.* 1144 *Rajab.*	*Virodhakrit.* **Mīna—Panguni.**	**March.**		*Phāl.* *Bahula.*		*H.* 1144 *Ramazān.*	*Paridhāvin.* **Vrishabha—Vaigāśi.**	**May.**		*Baḥula.* *Śukla.*		*H.* 1144 *Zī-l-ka'da.*
3	Sat.	1	P ·11	7 ·25	14	3	Wed.	1	1 ·75	12 ·34	15	3	Mon.	1	2 ·04	18 ·36	17
4	Sun.	2	1 ·16	8 ·32	15	4	Thur.	2	2 ·83	13 ·45	16	4	Tues.	2	3 ·03 4 ·99	19 ·36	18
5	Mon.	3	2 ·24	9 ·41	16	5	Fri.	3	3 ·89	14 ·54	17	5	Wed.	3	5 ·92	20 ·35	19
6	Tues.	4	3 ·32	10 ·52	17	6	Sat.	4	4 ·94	15 ·61	18	6	Thur.	4	6 ·85	21 ·32	20
7	Wed.	5	4 ·41	11 ·63	18	7	Sun.	5	5 ·95	16 ·66	19	7	Fri.	5	7 ·77	22 ·28	21
8	Thur.	6	5 ·50	12 ·74	19	8	Mon.	6	6 ·94	17 ·69	20	8	Sat.	6	8 ·68	23 ·22	22
9	Fri.	7	6 ·58	13 ·83	20	9	Tues.	7	7 ·93	18 ·71	21	9	Sun.	7	9 ·58	24 ·15	23
10	Sat.	8	7 ·64	14 ·92	21	10	Wed.	8	8 ·91	19 ·71	22	10	Mon.	8	10 ·48	25 ·08	24
11	Sun.	9	8 ·69	15 ·99	22	11	Thur.	9	9 ·85	20 ·69	23	11	Tues.	9	11 ·38	26 ·01 27 ·45	25
12	Mon.	10	9 ·73	.. ...	23	12	Fri.	10	10 ·78	21 ·65	24						
13	Tues.	11	10 ·73	16 ·04	24	13	Sat.	11	11 ·71	22 ·60	25	12	Wed.	10	12 ·27	1 ·89	26
14	Wed.	12	11 ·72	17 ·06	25	14	Sun.	12	12 ·61	23 ·54	26	13	Thur.	11	13 ·18	2 ·84	27
15	Thur.	13	12 ·68	18 ·07	26	15	Mon.	13	13 ·51	24 ·48	27	14	Fri.	12	14 ·10	3 ·80	28
16	Fri.	14	13 ·64	19 ·05	27	16	Tues.	14	14 ·49	25 ·41	28						
17	Sat.	15	14 ·57	20 ·03 21 ·98	28	17	Wed.	15	—A ·31	26 ·34	29	15	Sat.	13	A ·04 1 ·99	4 ·77	29
18	Sun.	16	—A ·49	22 ·93	29	18	Thur.	16	1 ·22	27 ·27	—30						
19	Mon.	17	1 ·39	23 ·86	—30	19	Fri.	17	2 ·13	1 ·21	1	16	Sun.	14	2 ·96	5 ·76	—30
20	Tues.	18	2 ·30	24 ·79	1	20	Sat.	18	3 ·05 4 ·98	2 ·17	2	17	Mon.	15	3 ·94	6 ·78	1
21	Wed.	19	3 ·20	25 ·72	2	21	Sun.	19	5 ·94	3 ·14	3	18	Tues.	16	4 ·95	7 ·81	2
22	Thur.	20	4 ·10	26 ·66	3	22	Mon.	20	6 ·91	4 ·12	4	19	Wed.	17	5 ·97	8 ·86	3
23	Fri.	21	5 ·01 6 ·92	27 ·60	4	23	Tues.	21	7 ·90	5 ·12	5	20	Thur.	18	... ...	9 ·93	4
24	Sat.	22	7 ·85	1 ·54	5	24	Wed.	22	8 ·92	6 ·14	6	21	Fri.	19	6 ·03	...	5
25	Sun.	23	8 ·79	2 ·50	6	25	Thur.	23	9 ·95	7 ·19	7	22	Sat	20	7 ·10	10 ·02	6
26	Mon.	24	9 ·74	3 ·47	7	26	Fri.	24	... ..	8 ·25	8	23	Sun.	21	8 ·18	11 ·13	7
27	Tues.	25	10 ·72	4 ·47	8	27	Sat.	25	10 ·00	9 ·33	9	24	Mon.	22	9 ·26	12 ·24	8
28	Wed.	26	11 ·70	5 ·48	9	28	Sun.	26	11 ·07	10 ·42	10	25	Tues.	23	10 ·34	13 ·34	9
29	Thur.	27	12 ·72	6 ·51	10	29	Mon.	27	12 ·16	11 ·53	11	26	Wed.	24	11 ·42	14 ·44	10
—30	Fri.	28	13 ·75	7 ·56	11	—30	Tues.	28	13 ·24	12 ·64	12	27	Thur.	25	12 ·48	15 ·53	11
1	Sat.	29	14 ·81	8 ·63	12	1	Wed.	29	14 ·33	13 ·75	13	28	Fri.	26	13 ·51	16 ·61	12
2	Sun.	30	P ·88	9 ·73	13	2	Thur.	30	P ·40	14 ·84	14	29	Sat.	27	14 ·54	17 ·65	13
3	Mon.	31	1 ·96	10 ·82	14	3	Fri.	31	1 ·45	15 ·92	15	30	Sun.○	28	P ·54	18 ·68	14
												—31	Mon.	29	1 ·53	19 ·69	15
												1	Tues.	30	2 ·48	20 ·68	16
												2	Wed.	31	3 ·43	21 ·66	17
	Feb.						**April.**						**June.**				
4	Tues.	1	... ...	11 ·93	15	4	Sat.	1	2 ·50	16 ·98	16	3	Thur.	1	4 ·36	22 ·61	18
5	Wed.	2	2 ·05	... ...	16	5	Sun.	2	3 ·51	.. ...	17	4	Fri.	2	5 ·27	23 ·56	19
6	Thur.	3	3 ·13	12 ·04	17	6	Mon.	3	4 ·52	17 ·01	18	5	Sat.	3	6 ·18	24 ·49	20
7	Fri.	4	4 ·21	13 ·14	18	7	Tues.	4	5 ·50	18 ·04	19	6	Sun.	4	7 ·08 8 ·97	25 ·42	21
8	Sat	5	5 ·28	14 ·23	19	8	Wed.	5	6 ·47	19 ·04	20	7	Mon.	5	9 ·87	26 ·35	22
9	Sun.	6	6 ·34	15 ·30	20	9	Thur.	6	7 ·40	20 ·02 21 ·98	21	8	Tues.	6	10 ·78	27 ·29	23
10	Mon.	7	7 ·36	16 ·35	21							9	Wed.	7	11 ·68	1 ·23	24
11	Tues.	8	8 ·37	17 ·38	22	10	Fri.	7	8 ·34	22 ·93	22	10	Thur.	8	12 ·60	2 ·17	25
12	Wed.	9	9 ·35	18 ·39	23	11	Sat.	8	9 ·26	23 ·88	23	11	Fri.	9	13 ·53	3 ·13	26
13	Thur.	10	10 ·31	19 ·38	24	12	Sun.	9	10 ·17	24 ·82	24	12	Sat.	10	14 ·47	4 ·10	27
14	Fri.	11	11 ·25	20 ·36	25	13	Mon.	10	11 ·07 12 ·96	25 ·75	25	13	Sun.	11	—A ·44	5 ·09	28
15	Sat.	12	12 ·18	21 ·32	26							14	Mon.	12	1 ·42	6 ·10	—29
16	Sun.	13	13 ·11	22 ·26	27	14	Tues.	11	13 ·86	26 ·68	26	15	Tues.	13	2 ·44	7 ·12	1
17	Mon	14	14 ·02 A ·93	23 ·20	28	15	Wed.	12	14 ·76	27 ·61	27	16	Wed.	14	3 ·46	8 ·17	2
18	Tues.	15	1 ·82	24 ·13	—29	16	Thur.	13	—A ·67	1 ·56	28	17	Thur.	15	4 ·51	9 ·24	3
19	Wed.	16	2 ·72	25 ·07	1	17	Fri.	14	1 ·60	2 ·50	—29	18	Fri.	16	5 ·57	10 ·33	4
20	Thur.	17	3 ·63	26 ·00 27 ·93	2	18	Sat.	15	2 ·53	3 ·47	1	19	Sat.	17	6 ·64	11 ·43	5
21	Fri.	18	4 ·53	1 ·88	3	19	Sun.	16	3 ·48	4 ·44	2	20	Sun.	18	7 ·73	12 ·54	6
22	Sat.	19	5 ·47	2 ·83	4	20	Mon.	17	4 ·45	5 ·44	3	21	Mon.	19	8 ·81	13 ·64	7
23	Sun.	20	6 ·40	3 ·81	5	21	Tues.	18	5 ·44	6 ·46	4	22	Tues.	20	9 ·89	14 ·74	8
24	Mon.	21	7 ·36	4 ·79	6	22	Wed.	19	6 ·44	7 ·50	5	23	Wed.	21	10 ·95	15 ·84	9
25	Tues.	22	8 ·33	5 ·80	7	23	Thur.	20	7 ·48	8 ·56	6	24	Thur.	22	... ...	16 ·91	10
26	Wed.	23	9 ·31	6 ·82	8	24	Fri.	21	8 ·53	9 ·63	7	25	Fri.	23	11 ·00	17 ·97	11
27	Thur.	24	10 ·33	7 ·87	9	25	Sat.	22	9 ·60	10 ·72	8	26	Sat.	24	12 ·02	.. ...	12
28	Fri.	25	11 ·36	8 ·94	10	26	Sun.	23	10 ·68	11 ·82	9	27	Sun.	25	13 ·01	18 ·00	13
29	Sat.	26	12 ·43	... ..	11	27	Mon.	24	11 ·76	12 ·94	10	28	Mon.	26	14 ·00 P ·96	19 ·01	14
—30	Sun.	27	13 ·50	9 ·03	12	28	Tues.	25	12 ·84	... ...	11						
1	Mon.	28	14 ·59	10 ·12	13	29	Wed.	26	13 ·91	13 ·04	12	29	Tues.	27	1 ·90	20 ·01 21 ·99	15
2	Tues.	29	P ·67	11 ·23	14	30	Thur.	27	14 ·98	14 ·14	13	30	Wed.	28	2 ·83	22 ·95	16
						—31	Fri.	28	... ...	15 ·22	14	31	Thur.	29	3 ·75	23 ·89	17
						1	Sat.	29	P ·03	16 ·29	15	—32	Fri.	30	4 ·65	24 ·83	18
						2	Sun.	30	1 ·05	17 ·34	16						

Virodhakrit. **Kumbha—Māśi.** *Śukla.* *Phālguna.* *Bahula.* *Śukla.* *Māgha.* *Śukla.* *Paridhāvin.* **Mēsha—Chittirai.** *Bahula.* *Śukla.* *Vaiśākha.* *Bahula.* *Śukla.* *Jyeshtha.* *Bahula.* *Śukla.* *Paridhāvin.* **Mithuna—Āni.** *Śukla.* *Āshādha.* *Bahula.* *Śukla.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev

A.D. 1732. **Kollam 908,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1145.** Commences **June 13.** **Vikrama 1789.** **Bengal San. 1138.** **(N. Cycle) Dundubhi.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Paridhāvin.			*Śukla.*		*H.* 1145 *Muharram.*	*Paridhāvin.*			*Śukla.*		*H.* 1145 *Rabī-ul awwal.*	*Paridhāvin.*			*Śukla.*		*H.* 1145 *Jamāda'l ākhir.*
Karkataka—Ādi.						**Kanyā—Purattāsi.**						**Vṛśchika—Kārttigai.**					
1	Sat.	1	5 ·55	25 ·76	19	1	Fri.	1	9 ·93	5 ·07	22	1	Wed.	1	10 ·23	... ...	24
2	Sun.	2	6 ·45	26 ·70	20	2	Sat.	2	10 ·92	6 ·06	23	2	Thur.	2	11 ·31	12 ·04	25
3	Mon.	3	7 ·35	27 ·63	21	3	Sun.	3	11 ·94	7 ·08	24	3	Fri.	3	12 ·41	13 ·14	26
4	Tues.	4	8 ·24	1 ·56	22	4	Mon.	4	12 ·96	8 ·11	25	4	Sat.	4	13 ·50	14 ·25	27
5	Wed.	5	9 ·15	2 ·51	23	5	Tues.	5	... ...	9 ·17	26	5	Sun.	5	14 ·58	15 ·35	28
6	Thur.	6	10 ·07	3 ·46	24	6	Wed.	6	13 ·00	10 ·24	27	6	Mon.	6	—**A** ·64	16 ·45	29
7	Fri.	7	11 ·00 12 ·95	4 ·43	25	7	Thur.	7	14 ·06	11 ·33	28	7	Tues.	7	1 ·69	17 ·53	—30
8	Sat.	8	13 ·92	5 ·42	26	8	Fri.	8	—**A** ·13	12 ·43	29	8	Wed.	8	2 ·73	18 ·58	1
9	Sun.	9	14 ·90	6 ·42	27	9	Sat.	9	1 ·21	13 ·54	—30	9	Thur.	9	3 ·73	19 ·62	2
10	Mon.	10	—**A** ·91	7 ·44	28	10	Sun.	10	2 ·30	14 ·65	1	10	Fri.	10	4 ·72	20 ·63	3
11	Tues.	11	1 ·93	8 ·48	29	11	Mon.	11	3 ·38	15 ·75	2	11	Sat.	11	5 ·68	21 ·64	4
12	Wed.	12	2 ·98	9 ·55	—30	12	Tues.	12	4 ·45	16 ·83	3	12	Sun.	12	6 ·64	22 ·61	5
13	Thur.	13	... ...	10 ·63	1	13	Wed.	13	5 ·50	17 ·90	4	13	Mon.	13	7 ·58	23 ·57	6
14	Fri.	14	3 ·04	11 ·73	2	14	Thur.	14	6 ·53	18 ·96	5	14	Tues.	14	8 ·50	24 ·52	7
15	Sat.	15	4 ·12	12 ·83	3	15	Fri.	15	7 ·54	19 ·98	6	15	Wed.	15	9 ·40	25 ·46	8
16	Sun.	16	5 ·20	13 ·94	4	16	Sat.	16	8 ·52	20 ·99	7	16	Thur.	16	10 ·31	26 ·40	9
17	Mon.	17	6 ·28	... ...	5	17	Sun.	17	9 ·49	21 ·97	8	17	Fri.	17	11 ·22	27 ·33	10
18	Tues.	18	7 ·36	14 ·05	6	18	Mon.	18	10 ·44	22 ·94	9	18	Sat.	18	12 ·11	1 ·26	11
19	Wed.	19	8 ·42	15 ·14	7	19	Tues.	19	11 ·38	23 ·91	10	19	Sun.	19	13 ·02 14 ·94	2 ·20	12
20	Thur.	20	9 ·47	16 ·22	8	20	Wed.	20	12 ·30	24 ·85	11	20	Mon.	○ 20	**P** ·86	3 ·14	13
21	Fri.	21	10 ·49	17 ·28	9	21	Thur.	21	13 ·21	25 ·79	12	21	Tues.	21	1 ·79	4 ·09	14
22	Sat.	22	11 ·50	18 ·32	10	22	Fri.	22	14 ·11	26 ·72	13	22	Wed.	22	2 ·74	5 ·06	15
23	Sun.	23	12 ·48	19 ·33	11	23	Sat.	23	**P** ·02 1 ·91	27 ·65	14	23	Thur.	23	3 ·72	6 ·04	16
24	Mon.	24	13 ·45	20 ·34	12	24	Sun.	24	2 ·81	1 ·59	15	24	Fri.	24	4 ·70	7 ·04	17
25	Tues.	25	14 ·39	21 ·32	13	25	Mon.	25	3 ·72	2 ·52	16	25	Sat.	25	5 ·72	8 ·06	18
26	Wed.	26	**P** ·32	22 ·28	14	26	Tues.	26	4 ·64	3 ·47	17	26	Sun.	26	6 ·75	9 ·09	19
27	Thur.	27	1 ·24	23 ·23	15	27	Wed.	27	5 ·58	4 ·42	18	27	Mon.	27	7 ·81	10 ·16	20
28	Fri.	28	2 ·15	24 ·17	16	28	Thur.	28	6 ·53	5 ·39	19	28	Tues.	28	8 ·87	11 ·24	21
29	Sat.	29	3 ·05 4 ·94	25 ·11	17	29	Fri.	29	7 ·50	6 ·39	20	—29	Wed.	29	9 ·95	12 ·34	22
30	Sun.	30	5 ·84	26 ·04 27 ·97	18	30	Sat.	30	8 ·48	7 ·40	21	1	Thur.	30	... ...	13 ·44	23
—31	Mon.	31	6 ·74	1 ·90	19												
	Aug.						**Oct.**						**Dec.**				
Paridhāvin.			*Bahula.*			*Paridhāvin.*			*Bahula.*			*Paridhāvin.*			*Bahula.*		
Simha—Āvaṇi.						**Tulā—Aippasi.**						**Dhanus—Mārgali.**					
1	Tues.	1	7 ·65	2 ·84	20	—31	Sun.	1	9 ·50	8 ·43	22	2	Fri.	1	10 ·04	14 ·54	24
2	Wed.	2	8 ·57	3 ·80	21	1	Mon.	2	10 ·52	9 ·48	23	3	Sat.	2	11 ·14	15 ·66	25
3	Thur.	3	9 ·50	4 ·76	22	2	Tues.	3	11 ·56	10 ·54	24	4	Sun.	3	12 ·22	16 ·75	26
4	Fri.	4	10 ·44	5 ·74	23	3	Wed.	4	12 ·63	11 ·63	25	5	Mon.	4	13 ·28	17 ·83	27
5	Sat.	5	11 ·41	6 ·74	24	4	Thur.	5	13 ·70	12 ·74	26	6	Tues.	5	14 ·34	18 ·89	28
6	Sun.	6	12 ·40	7 ·75	25	5	Fri.	6	14 ·79	13 ·84	27	7	Wed.	6	—**A** ·36	19 ·93	—29
7	Mon.	7	13 ·41	8 ·80	26	6	Sat.	7	—**A** ·87	14 ·95	28	8	Thur.	7	1 ·37	20 ·96	1
8	Tues.	8	14 ·42	9 ·86	27	7	Sun.	8	1 ·95	... ...	—29	9	Fri.	8	2 ·36	21 ·96	2
9	Wed.	9	—**A** ·47	10 ·94	28	8	Mon.	9	... ...	15 ·05	1	10	Sat.	9	3 ·32	22 ·94	3
10	Thur.	10	1 ·54	... ...	—29	9	Tues.	10	2 ·03	16 ·14	2	11	Sun.	10	4 ·27	23 ·91	4
11	Fri.	11	2 ·62	11 ·03	1	10	Wed.	11	3 ·07	17 ·22	3	12	Mon.	11	5 ·20	24 ·86	5
12	Sat.	12	3 ·70	12 ·13	2	11	Thur.	12	4 ·11	18 ·27	4	13	Tues.	12	6 ·12	25 ·80	6
13	Sun.	13	4 ·78	13 ·25	3	12	Fri.	13	5 ·12	19 ·30	5	14	Wed.	13	7 ·03 8 ·94	26 ·74	7
14	Mon.	14	5 ·86	14 ·35	4	13	Sat.	14	6 ·11	20 ·31	6	15	Thur.	14	9 ·85	27 ·67	8
15	Tues.	15	6 ·93	15 ·46	5	14	Sun.	15	7 ·07	21 ·30	7	16	Fri.	15	10 ·75	1 ·60	9
16	Wed.	16	7 ·97	16 ·53	6	15	Mon.	16	8 ·03 9 ·96	22 ·28	8	17	Sat.	16	11 ·65	2 ·53	10
17	Thur.	17	8 ·99	17 ·59	7	16	Tues.	17	10 ·87	23 ·24	9	18	Sun.	17	12 ·57	3 ·47	11
18	Fri.	18	... ...	18 ·63	8	17	Wed.	18	11 ·79	24 ·19	10	19	Mon.	18	13 ·49	4 ·43	12
19	Sat.	19	9 ·01 10 ·98	19 ·66	9	18	Thur.	19	12 ·69	25 ·12	11	20	Tues.	19	14 ·43	5 ·39	13
20	Sun.	20	11 ·95	20 ·66	10	19	Fri.	20	13 ·60	26 ·06	12	21	Wed.	20	**P** ·39	6 ·37	14
21	Mon.	21	12 ·90	21 ·65	11	20	Sat.	21	14 ·49	27 ·00 1 ·92	13	22	Thur.	21	1 ·36	7 ·36	15
22	Tues.	22	13 ·84	22 ·61	12							23	Fri.	22	2 ·35	8 ·37	16
23	Wed.	23	14 ·75	23 ·56	13	21	Sun.	22	**P** ·40	2 ·86	14	24	Sat.	23	3 ·36	9 ·42	17
24	Thur.	24	**P** ·66	24 ·51	14	22	Mon.	23	1 ·31	3 ·80	15	25	Sun.	24	4 ·40	10 ·47	18
25	Fri.	25	1 ·56	25 ·45	15	23	Tues	24	2 ·23	4 ·75	16	26	Mon.	25	5 ·46	11 ·54	19
26	Sat	26	2 ·46	26 ·38	16	24	Wed.	25	3 ·17	5 ·72	17	27	Tues.	26	6 ·53	12 ·63	20
27	Sun.	27	3 ·35	27 ·31	17	25	Thur.	26	4 ·12	6 ·72	18	28	Wed.	27	7 ·61	13 ·74	21
28	Mon.	28	4 ·25	1 ·24	18	26	Fri.	27	5 ·09	7 ·72	19	29	Thur.	28	8 ·70	14 ·85	22
29	Tues.	29	5 ·17	2 ·19	19	27	Sat.	28	6 ·07	8 ·74	20	—30	Fri.	29	9 ·79	15 ·96	23
30	Wed.	30	6 ·09	3 ·13	20	28	Sun.	29	7 ·09	9 ·78	21	1	Sat.	30	10 ·87	... ...	24
—31	Thur.	31	7 ·03 8 ·97	4 ·09	21	29	Mon.	30	8 ·12	10 ·85	22	2	Sun.	31	11 ·93	16 ·05	25
						—30	Tues.	31	9 ·16	11 ·94	23						

13. Hasta. 14. Chit. 15. Svāti. 16. Viśak. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23 Dhani. 24. Śatab.

A.D. 1733. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·41.** **Śaka 1655.** **Kaliyuga 4834.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·32.** **(S. Cycle) Pramādin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
Paridhāvin. **Makara—Tai.** 3	Mon. 1	*Bahula.* 12 ·98	17 ·14	26
4	Tues. 2	... ...	18 ·20	27
5	Wed. 3	13 ·01	19 ·25	28
6	Thur. 4	14 ·02	20 ·28	29
7	Fri. 5	A ·00 / 1 ·97	21 ·29	—30
8	Sat. 6	2 ·92	22 ·27	1
9	Sun. 7	3 ·86	23 ·24	2
10	Mon. 8	4 ·77	24 ·19	3
11	Tues. 9	5 ·67	25 ·15	4
12	Wed. 10	6 ·58	26 ·08	5
13	Thur. 11	*Sukla.* 7 ·48	27 ·01 / 1 ·94	6
14	Fri. 12	8 ·38	2 ·87	7
15	Sat. 13	9 ·29	3 ·82	8
16	Sun. 14	10 ·21	4 ·76	9
17	Mon. 15	11 ·13	5 ·72	10
18	Tues. 16	12 ·08	6 ·69	11
19	Wed. 17	13 ·03	7 ·68	12
20	Thur. 18	**Māgha.** 14 ·00 / P ·99	8 ·70	13
21	Fri. 19	... ...	9 ·73	14
22	Sat. 20	1 ·01	10 ·78	15
23	Sun. 21	2 ·06	11 ·85	16
24	Mon. 22	3 ·11	12 ·94	17
25	Tues. 23	*Bahula.* 4 ·17	... ...	18
26	Wed. 24	5 ·26	13 ·04	19
27	Thur. 25	6 ·35	14 ·15	20
28	Fri. 26	7 ·44	15 ·26	21
—29	Sat. 27	8 ·51	16 ·36	22
1	Sun. 28	9 ·58	17 ·44	23
2	Mon. 29	10 ·63	18 ·51	24
3	Tues. 30	11 ·65	19 ·57	25
4	Wed. 31	12 ·65	20 ·60	26
	Feb.			
Paridhāvin. **Kumbha—Māsi.** 5	Thur. 1	13 ·63	21 ·61	27
6	Fri. 2	14 ·60	22 ·60	28
7	Sat. 3	A ·54	23 ·57	—29
8	Sun. 4	1 ·48	24 ·54	1
9	Mon. 5	2 ·39	25 ·48	2
10	Tues. 6	3 ·30	26 ·42	3
11	Wed. 7	4 ·21	27 ·35	4
12	Thur. 8	*Sukla.* 5 ·11	1 ·28	5
13	Fri. 9	6 ·01 / 7 ·91	2 ·22	6
14	Sat. 10	8 ·82	3 ·15	7
15	Sun. 11	9 ·74	4 ·10	8
16	Mon. 12	10 ·69	5 ·05	9
17	Tues. 13	11 ·65	6 ·02	10
18	Wed. 14	12 ·63	7 ·01	11
19	Thur. 15	**Phālguna.** 13 ·61	8 ·02	12
20	Fri. 16	14 ·62	9 ·04	13
21	Sat. 17	P ·67	10 ·09	14
22	Sun. 18	1 ·73	11 ·15	15
23	Mon. 19	2 ·80	12 ·24	16
24	Tues. 20	3 ·89	13 ·34	17
25	Wed. 21	4 ·98	14 ·45	18
26	Thur. 22	... ...	15 ·55	19
27	Fri. 23	*Bahula.* 5 ·06	16 ·66	20
28	Sat. 24	6 ·13	17 ·75	21
29	Sun. 25	7 ·19	18 ·83	22
—30	Mon. 26	8 ·24	19 ·88	23
1	Tues. 27	9 ·26	20 ·92	24
2	Wed. 28	10 ·26	21 ·93	25

H. 1145 *Śha'bān.* *H.* 1145 *Ramazān.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
3	Thur. 1	11 ·25	22 ·92	26
4	Fri. 2	12 ·21	23 ·91	27
5	Sat. 3	13 ·15	24 ·87	28
6	Sun. 4	14 ·08 / A ·99	25 ·82	29
7	Mon. 5	1 ·90	26 ·76	—30
8	Tues. 6	2 ·80	27 ·69	1
9	Wed. 7	3 ·71	1 ·63	2
10	Thur. 8	4 ·61	2 ·56	3
11	Fri. 9	5 ·52	3 ·49	4
12	Sat. 10	6 ·43	4 ·43	5
13	Sun. 11	7 ·34	5 ·38	6
14	Mon. 12	8 ·28	6 ·36	7
15	Tues. 13	9 ·24	7 ·34	8
16	Wed. 14	10 ·22	8 ·34	9
17	Thur. 15	11 ·20	9 ·36	10
18	Fri. 16	12 ·23	10 ·40	11
19	Sat. 17	13 ·26	11 ·46	12
20	Sun. 18	14 ·31	12 ·55	13
21	Mon. 19	P ·39	13 ·64	14
22	Tues. 20	1 ·47	14 ·75	15
23	Wed. 21	2 ·56	15 ·85	16
24	Thur. 22	3 ·64	16 ·96	17
25	Fri. 23	4 ·71	... ...	18
26	Sat. 24	5 ·77	17 ·06	19
27	Sun. 25	6 ·81	18 ·14	20
28	Mon. 26	7 ·84	19 ·20	21
29	Tues. 27	8 ·83	20 ·23	22
—30	Wed. 28	9 ·82	21 ·25	23
1	Thur. 29	10 ·77	22 ·26	24
2	Fri. 30	11 ·71	23 ·24	25
3	Sat. 31	12 ·64	24 ·20	26
	April.			
Paridhāvin. **Mīna—Pāngūni.** 4	Sun. 1	13 ·55	25 ·15	27
5	Mon. 2	14 ·46	26 ·09	28
6	Tues. 3	A ·36	27 ·04 / 1 ·97	—29
7	Wed. 4	1 ·26	2 ·90	1
8	Thur. 5	2 ·16	3 ·83	2
9	Fri. 6	3 ·07 / 4 ·98	4 ·77	3
10	Sat. 7	5 ·90	5 ·71	4
11	Sun. 8	6 ·83	6 ·69	5
12	Mon. 9	7 ·79	7 ·66	6
13	Tues. 10	8 ·77	8 ·66	7
14	Wed. 11	9 ·74	9 ·67	8
15	Thur. 12	10 ·76	10 ·71	9
16	Fri. 13	11 ·80	11 ·78	10
17	Sat. 14	12 ·86	12 ·85	11
18	Sun. 15	13 ·92	13 ·94	12
19	Mon. 16	... ...	... ...	13
20	Tues. 17	14 ·01	14 ·04	14
21	Wed. 18	P ·10	15 ·15	15
22	Thur. 19	1 ·18	16 ·26	16
23	Fri. 20	2 ·24	17 ·36	17
24	Sat. 21	3 ·30	18 ·44	18
25	Sun. 22	4 ·35	19 ·51	19
26	Mon. 23	5 ·36	20 ·55	20
27	Tues. 24	6 ·37	21 ·58	21
28	Wed. 25	7 ·35	22 ·58	22
29	Thur 26	8 ·30	23 ·57	23
30	Fri. 27	9 ·24	24 ·54	24
—31	Sat. 28	10 ·16	25 ·49	25
1	Sun. 29	11 ·08 / 12 ·99	26 ·44	26
2	Mon. 30	13 ·89	27 ·37	27

H. 1145 *Shawwāl.* *H.* 1145 *Zi-l-ka'da.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
3	Tues. 1	14 ·78	1 ·30	28
4	Wed. 2	—A ·68	2 ·23	29
5	Thur. 3	1 ·60	3 ·16	—30
6	Fri. 4	2 ·50	4 ·10	1
7	Sat. 5	3 ·41	5 ·06	2
8	Sun. 6	4 ·35	6 ·02 / 7 ·99	3
9	Mon. 7	*Sukla.* 5 ·31	8 ·98	4
Pramādin. **Vṛishabha—Vaigāsi.** 10	Tues. 8	6 ·28	9 ·99	5
11	Wed. 9	7 ·27	... ...	6
12	Thur. 10	8 ·27	10 ·03	7
13	Fri. 11	9 ·31	11 ·08	8
14	Sat. 12	10 ·37	12 ·15	9
15	Sun. 13	11 ·43	13 ·24	10
16	Mon. 14	12 ·51	14 ·34	11
17	Tues. 15	13 ·59	15 ·46	12
18	Wed. 16	14 ·68	16 ·56	13
19	Thur. ○ 17	P ·75	17 ·66	14
20	Fri. 18	1 ·80	18 ·75	15
21	Sat. 19	2 ·84	19 ·82	16
22	Sun. 20	3 ·86	20 ·87	17
23	Mon. 21	4 ·86	21 ·90	18
24	Tues. 22	5 ·84	22 ·91	19
25	Wed. 23	6 ·81	23 ·90	20
26	Thur. 24	*Bahula.* 7 ·75	24 ·87	21
27	Fri. 25	8 ·67	25 ·82	22
28	Sat. 26	9 ·59	26 ·78	23
29	Sun. 27	10 ·48	27 ·71	24
30	Mon. 28	11 ·39	1 ·64	25
31	Tues. 29	12 ·28	2 ·57	26
—32	Wed. 30	13 ·19	3 ·50	27
1	Thur. 31	14 ·09 / A ·99	4 ·45	28
	June.			
2	Fri. 1	1 ·91	5 ·39	29
3	Sat. 2	2 ·84	6 ·35	—30
4	Sun. 3	3 ·80	7 ·32	1
5	Mon. 4	4 ·76	8 ·30	2
6	Tues. 5	5 ·75	9 ·32	3
7	Wed. 6	6 ·76	10 ·34	4
8	Thur. 7	7 ·80	11 ·39	5
9	Fri. 8	8 ·84	12 ·46	6
10	Sat. 9	9 ·90	13 ·54	7
11	Sun. 10	10 ·98	14 ·65	8
Pramādin. **Mithuna—Āni.** 12	Mon. 11	... ...	15 ·76	9
13	Tues. 12	11 ·06	16 ·96	10
14	Wed. 13	12 ·15	17 ·96	11
15	Thur. 14	13 ·22	... ...	12
16	Fri. 15	14 ·28	18 ·05	13
17	Sat. 16	P ·32	19 ·13	14
18	Sun. 17	1 ·34	20 ·19	15
19	Mon. 18	2 ·34	21 ·22	16
20	Tues. 19	3 ·32	22 ·23	17
21	Wed. 20	4 ·29	23 ·22	18
22	Thur. 21	5 ·28	24 ·20	19
23	Fri. 22	6 ·15	25 ·17	20
24	Sat. 23	7 ·07 / 8 ·98	26 ·11	21
25	Sun. 24	9 ·87	27 ·05 / 1 ·98	22
26	Mon. 25	*Bahula.* 10 ·77	2 ·91	23
27	Tues. 26	11 ·67	3 ·85	24
28	Wed. 27	12 ·57	4 ·78	25
29	Thur. 28	13 ·47	5 ·73	26
30	Fri. 29	14 ·39	6 ·68	27
—31	Sat. 30	—A ·32	7 ·64	28

Sukla. *H.* 1146 *Zi-l-hijja.* *H.* 1146 *Muharram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1733. **Kollam 909,** { **N. Malabar—Sep.** **Hijra 1146.** **Vikrama 1790.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 3.** **Bengal San. 1139.**
P—Paurnimā. **(N. Cycle) Rudhirodgārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Sun.	1	1 ·27	8 ·64	29	—31	Sat.	1	4 ·45	15 ·65	2	1	Thur.	1	... ...	21 ·80	4
2	Mon.	2	2 ·24	9 ·64	—30	1	Sun.	2	5 ·54	16 ·76	3	2	Fri.	2	6 ·01	22 ·84	5
3	Tues.	3	3 ·23	10 ·66	1	2	Mon.	3	6 ·62	17 ·87	4	3	Sat.	3	7 ·02	23 ·85	6
4	Wed.	4	4 ·23	11 ·70	2	3	Tues.	4	7 ·70	18 ·97	5	4	Sun.	4	8 ·00	24 ·85	7
5	Thur.	5	5 ·27	12 ·76	3	4	Wed.	5	8 ·77	... ...	6				9 ·98		
6	Fri.	6	6 ·32	13 ·85	4	5	Thur.	6	9 ·82	19 ·05	7	5	Mon.	5	10 ·93	25 ·82	8
7	Sat.	7	7 ·38	14 ·95	5	6	Fri.	7	10 ·84	20 ·12	8	6	Tues.	6	11 ·86	26 ·79	9
8	Sun.	8	8 ·45	... ...	6	7	Sat.	8	11 ·84	21 ·17	9	7	Wed.	7	12 ·77	27 ·74	10
9	Mon.	9	9 ·53	15 ·05	7	8	Sun.	9	12 ·83	22 ·20	10	8	Thur.	8	13 ·69	1 ·68	11
10	Tues.	10	10 ·62	16 ·16	8	9	Mon.	10	13 ·80	23 ·21	11	9	Fri.	9	14 ·59	2 ·61	12
11	Wed.	11	11 ·69	17 ·26	9	10	Tues.	11	14 ·75	24 ·19	12	10	Sat. ○	10	P ·49	3 ·54	13
12	Thur.	12	12 ·75	18 ·35	10	11	Wed.	12	P ·67	25 ·16	13	11	Sun.	11	1 ·39	4 ·48	14
13	Fri.	13	13 ·80	19 ·44	11	12	Thur.	13	1 ·59	26 ·12	14	12	Mon.	12	2 ·30	5 ·42	15
14	Sat.	14	14 ·82	20 ·50	12	13	Fri.	14	2 ·50	27 ·07	15	13	Tues.	13	3 ·22	6 ·36	16
15	Sun.	15	P ·82	21 ·54	13	14	Sat.	15	3 ·41	1 ·01 / 2 ·94	16	14	Wed.	14	4 ·14	7 ·31	17
16	Mon.	16	1 ·81	22 ·55	14							15	Thur.	15	5 ·07	8 ·27	18
17	Tues.	17	2 ·77	23 ·55	15	15	Sun.	16	4 ·31	3 ·87	17	16	Fri.	16	6 ·03	9 ·26	19
18	Wed.	18	3 ·71	24 ·54	16	16	Mon.	17	5 ·21	4 ·80	18	17	Sat.	17	7 ·00 / 8 ·99	10 ·26	20
19	Thur.	19	4 ·64	25 ·50	17	17	Tues.	18	6 ·11	5 ·73	19						
20	Fri.	20	5 ·56	26 ·45	18	18	Wed.	19	7 ·01 / 8 ·94	6 ·69	20	18	Sun.	18	... ...	11 ·28	21
21	Sat.	21	6 ·46	27 ·39	19							19	Mon.	19	9 ·00	12 ·31	22
22	Sun.	22	7 ·36	1 ·32	20	19	Thur.	20	9 ·87	7 ·64	21	20	Tues.	20	10 ·05	13 ·37	23
23	Mon.	23	8 ·26	2 ·26	21	20	Fri.	21	10 ·82	8 ·61	22	21	Wed.	21	11 ·10	14 ·46	24
24	Tues.	24	9 ·16	3 ·19	22	21	Sat.	22	11 ·79	9 ·60	23	22	Thur.	22	12 ·17	15 ·56	25
25	Wed.	25	10 ·06 / 11 ·96	4 ·12	23	22	Sun.	23	12 ·77	10 ·61	24	23	Fri.	23	13 ·24	16 ·66	26
						23	Mon.	24	13 ·79	11 ·65	25	24	Sat.	24	14 ·34	17 ·77	27
26	Thur.	26	12 ·88	5 ·06	24	24	Tues.	25	14 ·81	12 ·70	26	25	Sun.	25	—A ·43	18 ·87	28
27	Fri.	27	13 ·81	6 ·01 / 7 ·98	25	25	Wed.	26	—A ·87	13 ·76	27	26	Mon.	26	1 ·50	19 ·97	—29
						26	Thur.	27	1 ·93	14 ·85	28	27	Tues.	27	2 ·57	... ...	1
28	Sat.	28	14 ·75	8 ·96	26	27	Fri.	28	... ...	15 ·95	—29	28	Wed.	28	3 ·62	20 ·05	2
29	Sun.	29	—A ·73	9 ·96	27	28	Sat.	29	2 ·02	... ...	1	29	Thur.	29	4 ·65	21 ·11	3
30	Mon.	30	1 ·71	10 ·97	28	29	Sun.	30	3 ·10	16 ·06	2	—30	Fri.	30	5 ·65	22 ·15	4
31	Tues.	31	2 ·72	... ...	—29												
	Aug.						**Oct.**						**Dec.**				
—32	Wed.	1	3 ·75	11 ·01	1	—30	Mon.	1	4 ·18	17 ·17	3	1	Sat.	1	6 ·64	23 ·17	5
1	Thur.	2	4 ·79	12 ·07	2	1	Tues.	2	5 ·27	18 ·27	4	2	Sun.	2	7 ·61	24 ·17	6
2	Fri.	3	5 ·85	13 ·16	3	2	Wed.	3	6 ·33	19 ·36	5	3	Mon.	3	8 ·55	25 ·16	7
3	Sat.	4	6 ·94	14 ·25	4	3	Thur.	4	7 ·38	20 ·43	6	4	Tues.	4	9 ·49	26 ·13	8
4	Sun.	5	...	15 ·35	5	4	Fri.	5	8 ·40	21 ·49	7	5	Wed.	5	10 ·41	27 ·08	9
5	Mon.	6	7 ·03	16 ·46	6	5	Sat.	6	9 ·42	22 ·52	8	6	Thur.	6	11 ·32	1 ·02 / 2 ·95	10
6	Tues.	7	8 ·11	17 ·56	7	6	Sun.	7	10 ·40	23 ·53	9						
7	Wed.	8	9 ·19	18 ·67	8	7	Mon.	8	11 ·38	24 ·52	10	7	Fri.	7	12 ·22	3 ·89	11
8	Thur.	9	10 ·24	19 ·75	9	8	Tues.	9	12 ·32	25 ·49	11	8	Sat.	8	13 ·12	4 ·82	12
9	Fri.	10	11 ·28	20 ·81	10	9	Wed.	10	13 ·24	26 ·46	12				14 ·02		
10	Sat.	11	12 ·32	21 ·85	11	10	Thur.	11	14 ·16	27 ·41	13	9	Sun.	9	P ·92	5 ·75	13
11	Sun.	12	13 ·32	22 ·87	12				P ·08			10	Mon.	10	1 ·84	6 ·69	14
12	Mon.	13	14 ·31	23 ·88	13	11	Fri.	12	1 ·98	1 ·34	14	11	Tues.	11	2 ·77	7 ·64	15
13	Tues.	14	P ·27	24 ·87	14	12	Sat.	13	2 ·88	2 ·28	15	12	Wed.	12	3 ·71	8 ·61	16
14	Wed.	15	1 ·22	25 ·83	15	13	Sun.	14	3 ·78	3 ·20	16	13	Thur.	13	4 ·66	9 ·59	17
15	Thur.	16	2 ·14	26 ·78	16	14	Mon.	15	4 ·68	4 ·13	17	14	Fri.	14	5 ·64	10 ·58	18
16	Fri.	17	3 ·06 / 4 ·97	27 ·72	17	15	Tues.	16	5 ·59	5 ·08 / 6 ·02	18	15	Sat.	15	6 ·63	11 ·59	19
						16	Wed.	17	6 ·52	7 ·97	19	16	Sun.	16	7 ·64	12 ·63	20
17	Sat.	18	5 ·87	1 ·67	18							17	Mon.	17	8 ·69	13 ·68	21
18	Sun.	19	6 ·76	2 ·60	19	17	Thur.	18	7 ·45	8 ·94	20	18	Tues.	18	9 ·74	14 ·77	22
19	Mon.	20	7 ·66	3 ·53	20	18	Fri.	19	8 ·41	9 ·93	21	19	Wed.	19	10 ·82	15 ·86	23
20	Tues.	21	8 ·56	4 ·46	21	19	Sat.	20	9 ·38	10 ·94	22	20	Thur.	20	11 ·90	16 ·96	24
21	Wed.	22	9 ·47	5 ·40	22	20	Sun.	21	10 ·37	11 ·96	23	21	Fri.	21	... ...	... ...	25
22	Thur.	23	10 ·40	6 ·35	23	21	Mon.	22	11 ·37	... ..	24	22	Sat.	22	12 ·00	17 ·06	26
23	Fri.	24	11 ·33	7 ·31	24	22	Tues.	23	12 ·40	12 ·00	25	23	Sun.	23	13 ·08	18 ·17	27
24	Sat.	25	12 ·27	8 ·29	25	23	Wed.	24	13 ·46	13 ·07	26	24	Mon.	24	14 ·15	19 ·28	28
25	Sun.	26	13 ·25	9 ·28	26	24	Thur.	25	14 ·54	14 ·15	27	25	Tues.	25	—A ·22	20 ·36	29
26	Mon.	27	14 ·23	10 ·29	27	25	Fri.	26	—A ·62	15 ·26	28	26	Wed.	26	1 ·26	21 ·42	—30
27	Tues.	28	—A ·25	11 ·32	28	26	Sat.	27	1 ·70	16 ·36	29	27	Thur.	27	2 ·29	22 ·47	1
28	Wed.	29	1 ·27	12 ·39	29	27	Sun.	28	2 ·79	17 ·47	—30	28	Fri.	28	3 ·30	23 ·49	2
29	Thur.	30	2 ·32	13 ·46	—30	28	Mon.	29	3 ·87	18 ·57	1	—29	Sat.	29	4 ·29	24 ·51	3
30	Fri.	31	3 ·38	14 ·55	1	29	Tues.	30	4 ·94	19 ·66	2	1	Sun.	30	5 ·25	25 ·49	4
						—30	Wed.	31	5 ·98	20 ·75	3	2	Mon.	31	6 ·20	26 ·46	5

Pramādin. **Karkataka—Ādi.** *Śukla.* **Nija Āshāḍha.** *Bahula.* *Pramādin.* **Kanyā—Purattāsi.** *Śukla.* *Bahula.* *Pramādin.* **Tulā—Aippaśi.** *Śukla.* *Bahula.* *Pramādin.* **Vṛiśchika—Kārttigai.** *Śukla.* *Bahula.* *Pramādin.* **Dhanus—Mārgaḷi.** *Śukla.* *Bahula.* *Pramādin.* **Siṁha—Āvaṇi.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Kārttika.** **Mārgaśirsha.**

H. 1146 *Śafar.* *H.* 1146 *Rabī-ul awwal.* *H.* 1146 *Rabī-ul ākhir.* *H.* 1146 *Jamāda'l awwal.* *H.* 1146 *Jamāda'l ākhir.* *H.* 1146 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1734. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·67.** **Śaka 1656.** **Kaliyuga 4835.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·58.** **(S. Cycle) Ānanda.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
3	Tues. 1	7 ·13	27 ·41	6	3	Fri. 1	7 ·00	5 ·77	6	2	Wed. 1	10 ·60	11 ·20	8
4	Wed. 2	8 ·05 / 9 ·97	1 ·36	7	4	Sat. 2	8 ·90 / 9 ·80	6 ·71	7	3	Thur. 2	11 ·59	12 ·21	9
5	Thur. 3	10 ·87	2 ·30	8	5	Sun. 3	10 ·71	7 ·65	8	4	Fri. 3	12 ·60	13 ·24	10
6	Fri. 4	11 ·77	3 ·23	9	6	Mon. 4	11 ·64	8 ·60	9	5	Sat. 4	13 ·65	14 ·30	11
7	Sat. 5	12 ·67	4 ·16	10	7	Tues. 5	12 ·57	9 ·57	10	6	Sun. 5	14 ·70	15 ·37	12
8	Sun. 6	13 ·58	5 ·09	11	8	Wed. 6	13 ·54	10 ·55	11	7	Mon. 6	P ·76	16 ·46	13
9	Mon. 7	14 ·49	6 ·03 / 7 ·98	12	9	Thur. 7	14 ·51	11 ·56	12	8	Tues. 7	1 ·84	17 ·56	14
10	Tues. 8	P ·41	8 ·94	13	10	Fri. 8	P ·50	12 ·58	13	9	Wed. 8	2 ·93	18 ·67	15
11	Wed. 9	1 ·36	9 ·91	14	11	Sat. 9	1 ·53	13 ·62	14	10	Thur. 9	... ...	19 ·77	16
12	Thur. 10	2 ·31	10 ·90	15	12	Sun. 10	2 ·56	14 ·68	15	11	Fri. 10	3 ·01	20 ·88	17
13	Fri. 11	3 ·29	11 ·91	16	13	Mon. 11	3 ·62	15 ·76	16	12	Sat. 11	4 ·08	21 ·97	18
14	Sat. 12	4 ·27	12 ·94	17	14	Tues. 12	4 ·70	16 ·86	17	13	Sun. 12	5 ·14	... ...	19
15	Sun. 13	5 ·30	... ...	18	15	Wed. 13	5 ·79	17 ·97	18	14	Mon. 13	6 ·17	22 ·04	20
16	Mon. 14	6 ·33	13 ·00	19	16	Thur. 14	6 ·87	... ...	19	15	Tues. 14	7 ·20	23 ·08	21
17	Tues. 15	7 ·39	14 ·07	20	17	Fri. 15	7 ·96	18 ·07	20	16	Wed. 15	8 ·19	24 ·11	22
18	Wed. 16	8 ·48	15 ·16	21	18	Sat. 16	... ..	19 ·18	21	17	Thur. 16	9 ·17	25 ·13	23
19	Thur. 17	9 ·57	16 ·25	22	19	Sun. 17	8 ·02	20 ·27	22	18	Fri. 17	10 ·13	26 ·12	24
20	Fri. 18	10 ·65	17 ·36	23	20	Mon. 18	9 ·08	21 ·36	23	19	Sat. 18	11 ·06 / 12 ·99	27 ·09	25
21	Sat. 19	11 ·73	18 ·48	24	21	Tues. 19	10 ·13	22 ·42	24	20	Sun. 19	13 ·90	1 ·04 / 2 ·99	26
22	Sun. 20	12 ·82	19 ·58	25	22	Wed. 20	11 ·14	23 ·45	25	21	Mon. 20	14 ·80	3 ·93	27
23	Mon. 21	13 ·88	20 ·66	26	23	Thur. 21	12 ·14	24 ·47	26	22	Tues. 21	—A ·70	4 ·86	28
24	Tues. 22	14 ·92	21 ·73	27	24	Fri. 22	13 ·12	25 ·47	27	23	Wed. 22	1 ·60	5 ·79	—29
25	Wed. 23	—A ·93	22 ·78	28	25	Sat. 23	14 ·08	26 ·45	28	24	Thur. 23	2 ·50	6 ·72	1
26	Thur. 24	1 ·94	23 ·82	—29	26	Sun. 24	A ·02 / 1 ·95	27 ·42	—29	25	Fri. 24	3 ·40	7 ·66	2
27	Fri. 25	2 ·93	24 ·83	1	27	Mon. 25	2 ·86	1 ·37	1	26	Sat. 25	4 ·31	8 ·61	3
28	Sat. 26	3 ·89	25 ·82	2	28	Tues. 26	3 ·76	2 ·31	2	27	Sun. 26	5 ·23	9 ·57	4
—29	Sun. 27	4 ·83	26 ·79	3	29	Wed. 27	4 ·66	3 ·25	3	28	Mon. 27	6 ·17	10 ·54	5
1	Mon. 28	5 ·76	27 ·75	4	30	Thur. 28	5 ·56	4 ·17	4	29	Tues. 28	7 ·12	11 ·52	6
2	Tues. 29	6 ·68	1 ·70	5	—31	Fri. 29	6 ·46	5 ·11	5	30	Wed. 29	8 ·10	12 ·53	7
3	Wed. 30	7 ·59	2 ·64	6	1	Sat. 30	7 ·37	6 ·05 / 7 ·99	6	—31	Thur. 30	9 ·08	13 ·55	8
4	Thur. 31	8 ·49	3 ·57	7	2	Sun. 31	8 ·28	8 ·93	7	1	Fri. 31	10 ·10	14 ·61	9
	Feb.					**April.**					**June.**			
5	Fri. 1	9 ·39	4 ·50	8	3	Mon. 1	9 ·20	9 ·90	8	2	Sat. 1	11 ·13	15 ·68	10
6	Sat. 2	10 ·29	5 ·43	9	4	Tues. 2	10 ·14	10 ·88	9	3	Sun. 2	12 ·17	16 ·76	11
7	Sun. 3	11 ·20	6 ·36	10	5	Wed. 3	11 ·10	11 ·88	10	4	Mon. 3	13 ·24	17 ·86	12
8	Mon. 4	12 ·11	7 ·32	11	6	Thur. 4	12 ·07	12 ·89	11	5	Tues. 4	14 ·32	18 ·97	13
9	Tues. 5	13 ·04 / 14 ·98	8 ·27	12	7	Fri. 5	13 ·07	13 ·93	12	6	Wed. 5	P ·40	... ...	14
10	Wed. 6	P ·95	9 ·24	13	8	Sat. 6	14 ·08	14 ·99	13	7	Thur. 6	1 ·48	19 ·08	15
11	Thur. 7	1 ·92	10 ·22	14	9	Sun. 7	P ·12	... ...	14	8	Fri. 7	2 ·56	20 ·18	16
12	Fri. 8	2 ·90	11 ·23	15	10	Mon. 8	1 ·17	15 ·07	15	9	Sat. 8	3 ·62	21 ·27	17
13	Sat. 9	3 ·92	12 ·26	16	11	Tues. 9	2 ·25	16 ·16	16	10	Sun. 9	4 ·65	22 ·34	18
14	Sun. 10	4 ·96	13 ·31	17	12	Wed. 10	3 ·34	17 ·26	17	11	Mon. 10	5 ·68	23 ·40	19
15	Mon. 11	... ...	14 ·37	18	13	Thur. 11	4 ·42	18 ·37	18	12	Tues. 11	6 ·67	24 ·44	20
16	Tues. 12	5 ·02	15 ·46	19	14	Fri. 12	5 ·50	19 ·48	19	13	Wed. 12	7 ·65	25 ·45	21
17	Wed. 13	6 ·10	16 ·56	20	15	Sat. 13	6 ·57	20 ·58	20	14	Thur. 13	8 ·60	26 ·44	22
18	Thur. 14	7 ·20	17 ·67	21	16	Sun. 14	7 ·63	21 ·66	21	15	Fri. 14	9 ·55	27 ·42	23
19	Fri. 15	8 ·28	18 ·78	22	17	Mon. 15	8 ·67	22 ·73	22	16	Sat. 15	10 ·48	1 ·38	24
20	Sat. 16	9 ·36	19 ·88	23	18	Tues. 16	9 ·68	23 ·77	23	17	Sun. 16	11 ·39	2 ·33	25
21	Sun. 17	10 ·43	20 ·97	24	19	Wed. 17	10 ·68	24 ·79	24	18	Mon. 17	12 ·29	3 ·27	26
22	Mon. 18	11 ·49	... ...	25	20	Thur. 18	11 ·66	25 ·79	25	19	Tues. 18	13 ·19	4 ·20	27
23	Tues. 19	12 ·54	21 ·04	26	21	Fri. 19	12 ·63	26 ·79	26	20	Wed. 19	14 ·09 / A ·99	5 ·13	28
24	Wed. 20	13 ·55	22 ·10	27	22	Sat. 20	13 ·56	27 ·75	27	21	Thur. 20	1 ·89	6 ·06	29
25	Thur. 21	14 ·56	23 ·14	28	23	Sun. 21	14 ·48	1 ·71	28	22	Fri. 21	2 ·80	7 ·00 / 8 ·95	—30
26	Fri. 22	—A ·54	24 ·15	29	24	Mon. ● 22	—A ·39	2 ·65	29	23	Sat. 22	3 ·72	9 ·90	1
27	Sat. 23	1 ·50	25 ·14	—30	25	Tues. 23	1 ·30	3 ·58	—30	24	Sun. 23	4 ·65	10 ·86	2
28	Sun. 24	2 ·44	26 ·12	1	26	Wed. 24	2 ·20	4 ·52	1	25	Mon. 24	5 ·60	11 ·85	3
29	Mon. 25	3 ·37	27 ·09	2	27	Thur. 25	3 ·10	5 ·45	2	26	Tues. 25	6 ·57	12 ·85	4
—30	Tues. 26	4 ·29	1 ·04 / 2 ·98	3	28	Fri. 26	4 ·00 / 5 ·90	6 ·38	3	27	Wed. 26	7 ·56	13 ·88	5
1	Wed. 27	5 ·20	3 ·91	4	29	Sat. 27	6 ·81	7 ·32	4	28	Thur. 27	8 ·58	14 ·92	6
2	Thur. 28	6 ·10	4 ·94	5	30	Sun. 28	7 ·78	8 ·27	5	29	Fri. 28	9 ·60	15 ·98	7
					—31	Mon. 29	8 ·67	9 ·24	6	30	Sat. 29	10 ·66	... ..	8
					1	Tues. 30	9 ·63	10 ·21	7	31	Sun. 30	11 ·72	16 ·06	9

Nakah :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

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A.D. 1734. **Kollam 910,** { **N. Malabar—Sep.** **Hijra 1147.** **Vikrama 1791.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 23.** **Bengal San. 1140.**
P—Paurnimā. **(N. Cycle) Raktāksha.**

July.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
—32	Mon. 1	12 ·79	17 ·16	10
1	Tues. 2	13 ·88	18 ·27	11
2	Wed. 3	14 ·96	19 ·38	12
3	Thur. 4	... ...	20 ·48	13
4	Fri. 5	P ·04	21 ·58	14
5	Sat. 6	1 ·09	22 ·65	15
6	Sun. 7	2 ·14	23 ·72	16
7	Mon. 8	3 ·16	24 ·76	17
8	Tues. 9	4 ·15	25 ·77	18
9	Wed. 10	5 ·13	26 ·77	19
10	Thur. 11	6 ·08	27 ·75	20
11	Fri. 12	7 ·03 / 8 ·95	1 ·72	21
12	Sat. 13	9 ·87	2 ·67	22
13	Sun. 14	10 ·78	3 ·61	23
14	Mon. 15	11 ·68	4 ·54	24
15	Tues. 16	12 ·58	5 ·47	25
16	Wed. 17	13 ·48	6 ·40	26
17	Thur. 18	14 ·38	7 ·34	27
18	Fri. 19	A ·28	8 ·28	28
19	Sat. 20	1 ·20	9 ·23	—29
20	Sun. 21	2 ·13	10 ·19	1
21	Mon. 22	3 ·08	11 ·17	2
22	Tues. 23	4 ·05	12 ·18	3
23	Wed. 24	5 ·05	13 ·19	4
24	Thur. 25	6 ·06	14 ·23	5
25	Fri. 26	7 ·07	15 ·29	6
26	Sat. 27	8 ·13	16 ·37	7
27	Sun. 28	9 ·20	17 ·47	8
28	Mon. 29	10 ·28	18 ·57	9
29	Tues. 30	11 ·36	19 ·68	10
30	Wed. 31	12 ·44	20 ·78	11

Ananda. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* *H.* 1147 *Safar.*

Aug.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
—31	Thur. 1	13 ·51	21 ·88	12
1	Fri. 2	14 ·57	22 ·97	13
2	Sat. 3	P ·62	... ...	14
3	Sun. 4	1 ·64	23 ·03	15
4	Mon. 5	2 ·64	24 ·07	16
5	Tues. 6	3 ·62	25 ·09	17
6	Wed. 7	4 ·58	26 ·09	18
7	Thur. 8	5 ·53	27 ·08	19
8	Fri. 9	6 ·45	1 ·05	20
9	Sat. 10	7 ·37	2 ·00 / 3 ·94	21
10	Sun. 11	8 ·28	4 ·88	22
11	Mon. 12	9 ·18	5 ·81	23
12	Tues. 13	10 ·08 / 11 ·98	6 ·75	24
13	Wed. 14	12 ·88	7 ·68	25
14	Thur. 15	13 ·79	8 ·62	26
15	Fri. 16	14 ·71	9 ·56	27
16	Sat. 17	A ·64	10 ·52	28
17	Sun. 18	1 ·59	11 ·51	29
18	Mon. 19	2 ·56	12 ·50	—30
19	Tues. 20	3 ·55	13 ·51	1
20	Wed. 21	4 ·55	14 ·54	2
21	Thur. 22	5 ·59	15 ·60	3
22	Fri. 23	6 ·64	16 ·68	4
23	Sat. 24	7 ·70	17 ·77	5
24	Sun. 25	8 ·78	18 ·87	6
25	Mon. 26	9 ·86	19 ·98	7
26	Tues. 27	10 ·95	... ...	8
27	Wed. 28	... ...	20 ·08	9
28	Thur. 29	11 ·02	21 ·19	10
29	Fri. 30	12 ·09	22 ·27	11
30	Sat. 31	13 ·13	23 ·34	12

Ananda. **Simha—Āvani.** *Bahula.* **Śrāvaṇa.** *Sukla.* *H.* 1147 *Rabi-ul awwal.*

Sep.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
—31	Sun. 1	14 ·16	24 ·39	13
1	Mon. 2	P ·16	25 ·41	14
2	Tues. 3	1 ·14	26 ·42	15
3	Wed. 4	2 ·10	27 ·41	16
4	Thur. 5	3 ·05 / 4 ·99	1 ·38	17
5	Fri. 6	5 ·90	2 ·34	18
6	Sat. 7	6 ·81	3 ·28	19
7	Sun. 8	7 ·71	4 ·22	20
8	Mon. 9	8 ·61	5 ·16	21
9	Tues. 10	9 ·51	6 ·09	22
10	Wed. 11	10 ·41	7 ·02 / 8 ·95	23
11	Thur. 12	11 ·32	9 ·90	24
12	Fri. 13	12 ·24	10 ·86	25
13	Sat. 14	13 ·18	11 ·83	26
14	Sun. 15	14 ·12	12 ·82	27
15	Mon. 16	—A ·09	13 ·83	28
16	Tues. 17	1 ·09	14 ·86	—29
17	Wed. 18	2 ·10	15 ·92	1
18	Thur. 19	3 ·13	16 ·98	2
19	Fri. 20	4 ·18	... ...	3
20	Sat. 21	5 ·24	17 ·07	4
21	Sun. 22	6 ·32	18 ·17	5
22	Mon. 23	7 ·40	19 ·27	6
23	Tues. 24	8 ·49	20 ·39	7
24	Wed. 25	9 ·57	21 ·49	8
25	Thur. 26	10 ·64	22 ·58	9
26	Fri. 27	11 ·68	23 ·65	10
27	Sat. 28	12 ·71	24 ·70	11
28	Sun. 29	13 ·72	25 ·73	12
29	Mon. 30	14 ·70	26 ·75	13

Ananda. **Kanyā—Purattāsi.** *Bahula.* *H.* 1147 *Rabi-ul ākhir.*

Oct.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
—30	Tues. 1	P ·66	27 ·74	14
1	Wed. 2	1 ·61	1 ·71	15
2	Thur. 3	2 ·54	2 ·67	16
3	Fri. 4	3 ·46	3 ·62	17
4	Sat. 5	4 ·37	4 ·56	18
5	Sun. 6	5 ·27	5 ·49	19
6	Mon. 7	6 ·17	6 ·42	20
7	Tues. 8	7 ·07 / 8 ·97	7 ·35	21
8	Wed. 9	9 ·89	8 ·29	22
9	Thur. 10	10 ·81	9 ·24	23
10	Fri. 11	11 ·75	10 ·19	24
11	Sat. 12	12 ·70	11 ·16	25
12	Sun. 13	13 ·68	12 ·15	26
13	Mon. 14	14 ·67	13 ·15	27
14	Tues. 15	—A ·68	14 ·18	28
15	Wed. 16	1 ·71	15 ·22	29
16	Thur. 17	2 ·76	16 ·29	—30
17	Fri. 18	3 ·83	17 ·37	1
18	Sat. 19	4 ·90	18 ·47	2
19	Sun. 20	... ...	19 ·57	3
20	Mon. 21	5 ·00	20 ·69	4
21	Tues. 22	6 ·09	21 ·79	5
22	Wed. 23	7 ·17	22 ·88	6
23	Thur. 24	8 ·23	23 ·96	7
24	Fri. 25	9 ·27	... ...	8
25	Sat. 26	10 ·31	24 ·01	9
26	Sun. 27	11 ·31	25 ·06	10
27	Mon. 28	12 ·30	26 ·07	11
28	Tues. 29	13 ·25	27 ·07	12
29	Wed. 30	14 ·20	1 ·04	13
—30	Thur. 31	P ·14	2 ·00 / 3 ·96	14

Ananda. **Tulā—Aippaśi.** *Bahula.* **Āśvina.** *Sukla.* *H.* 1147 *Jamāda'l awwal.*

Nov.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Fri. 1	1 ·06 / 2 ·97	4 ·90	15
2	Sat. 2	3 ·87	5 ·83	16
3	Sun. 3	4 ·77	6 ·76	17
4	Mon. 4	5 ·68	7 ·69	18
5	Tues. 5	6 ·59	8 ·63	19
6	Wed. 6	7 ·50	9 ·58	20
7	Thur. 7	8 ·42	10 ·53	21
8	Fri. 8	9 ·36	11 ·49	22
9	Sat. 9	10 ·31	12 ·47	23
10	Sun. 10	11 ·29	13 ·48	24
11	Mon. 11	12 ·28	14 ·50	25
12	Tues. 12	13 ·29	15 ·54	26
13	Wed. 13	14 ·33	16 ·59	27
14	Thur. 14	—A ·39	17 ·67	28
15	Fri. 15	1 ·46	18 ·77	—29
16	Sat. 16	2 ·54	19 ·88	1
17	Sun. 17	3 ·63	20 ·99	2
18	Mon. 18	4 ·71	... ...	3
19	Tues. 19	5 ·79	21 ·09	4
20	Wed. 20	6 ·86	22 ·18	5
21	Thur. 21	7 ·92	23 ·26	6
22	Fri. 22	8 ·94	24 ·33	7
23	Sat. 23	9 ·93	25 ·37	8
24	Sun. 24	10 ·92	26 ·39	9
25	Mon. 25	11 ·88	27 ·39	10
26	Tues. 26	12 ·83	1 ·37	11
27	Wed. 27	13 ·76	2 ·35	12
28	Thur. 28	14 ·68	3 ·30	13
29	Fri. 29	P ·59	4 ·24	14
—30	Sat. 30	1 ·50	5 ·17	15

Ananda. **Vrischika—Kārttigai.** *Bahula.* **Mārgasīrsha.** *Sukla.* *H.* 1147 *Jamādā'l ākhir.*

Dec.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
1	Sun. 1	2 ·40	6 ·10	16
2	Mon. 2	3 ·30	7 ·04 / 8 ·97	17
3	Tues. 3	4 ·21	9 ·91	18
4	Wed. 4	5 ·12	10 ·86	19
5	Thur. 5	6 ·05 / 7 ·99	11 ·82	20
6	Fri. 6	8 ·95	12 ·79	21
7	Sat. 7	9 ·93	13 ·80	22
8	Sun. 8	10 ·92	14 ·81	23
9	Mon. 9	11 ·94	15 ·85	24
10	Tues. 10	12 ·97	16 ·90	25
11	Wed. 11	... ...	17 ·98	26
12	Thur. 12	13 ·04	... ...	27
13	Fri. 13	14 ·11	18 ·08	28
14	Sat. 14	—A ·19	19 ·18	29
15	Sun. 15	1 ·29	20 ·28	—30
16	Mon. 16	2 ·37	21 ·39	1
17	Tues. 17	3 ·45	22 ·49	2
18	Wed. 18	4 ·51	23 ·58	3
19	Thur. 19	5 ·56	24 ·64	4
20	Fri. 20	6 ·58	25 ·69	5
21	Sat. 21	7 ·58	26 ·71	6
22	Sun. 22	8 ·57	27 ·72	7
23	Mon. 23	9 ·53	1 ·71	8
24	Tues. 24	10 ·47	2 ·68	9
25	Wed. 25	11 ·40	3 ·63	10
26	Thur. 26	12 ·33	4 ·57	11
27	Fri. 27	13 ·23	5 ·51	12
28	Sat. 28	14 ·13	6 ·44	13
—29	Sun. 29	P ·04 / 1 ·95	7 ·38	14
1	Mon. 30	2 ·85	8 ·31	15
2	Tues. 31	3 ·76	9 ·25	16

Ananda. **Dhanus—Mārgali.** *Bahula.* **Pausha.** *Sukla.* *H.* 1147 *Rajab.* *H.* 1147 *Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1735. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·93.** **Śaka 1657.** **Kaliyuga 4836.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·84.** **(S. Cycle) Rākshasa.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
Ānanda.		*Bahula.*			*Ānanda.*		*Bahula.*			*Rākshasa.*		*Bahula.*		
Makara—Tai.		**Pausha.**		*H.* 1147 *Sha'bān.*	**Mīna—Panguni.**				*H.* 1147 *Shawwāl.*	**Vṛishabha—Vaigāsi.**				*H.* 1148 *Muharram.*
3	Wed. 1	4 ·69	10 ·19	17	2	Sat. 1	4 ·81	15 ·80	17	2	Thur. 1	5 ·17	21 ·89	19
4	Thur. 2	5 ·63	11 ·15	18	3	Sun. 2	5 ·83	16 ·84	18	3	Fri. 2	6 ·26	... ...	20
5	Fri. 3	6 ·60	12 ·13	19	4	Mon. 3	6 ·87	17 ·90	19	4	Sat. 3	7 ·33	22 ·00	21
6	Sat. 4	7 ·57	13 ·12	20	5	Tues. 4	7 ·92	18 ·98	20	5	Sun. 4	8 ·40	23 ·09	22
7	Sun. 5	8 ·57	14 ·13	21	6	Wed. 5	... ...	... ...	21	6	Mon. 5	9 ·46	24 ·19	23
8	Mon. 6	9 ·58	15 ·16	22	7	Thur. 6	8 ·00	19 ·08	22	7	Tues. 6	10 ·51	25 ·26	24
9	Tues. 7	10 ·63	16 ·21	23	8	Fri. 7	9 ·09	20 ·19	23	8	Wed. 7	11 ·52	26 ·30	25
10	Wed. 8	11 ·68	17 ·29	24	9	Sat. 8	10 ·18	21 ·29	24	9	Thur. 8	12 ·51	27 ·33	26
11	Thur. 9	12 ·76	18 ·38	25	10	Sun. 9	11 ·26	22 ·40	25	10	Fri. 9	13 ·49	1 ·34	27
12	Fri. 10	13 ·85	19 ·48	26	11	Mon. 10	12 ·33	23 ·49	26	11	Sat. 10	14 ·44	2 ·34	28
13	Sat. 11	14 ·94	20 ·58	27	12	Tues. 11	13 ·39	24 ·57	27	12	Sun. 11	—**A** ·38	3 ·31	29
14	Sun. 12	... ...	21 ·69	28	13	Wed. 12	14 ·43	25 ·64	28	13	Mon. 12	1 ·30	4 ·26	—30
15	Mon. 13	—**A** ·03	22 ·80	—29	14	Thur. 13	—**A** ·45	26 ·67	—29	14	Tues. 13	2 ·21	5 ·21	1
16	Tues. 14	1 ·10	23 ·88	1	15	Fri. 14	1 ·44	27 ·69	1	15	Wed. 14	3 ·11	6 ·14	2
17	Wed. 15	2 ·17	24 ·95	2	16	Sat. 15	2 ·42	1 ·69	2	16	Thur. 15	4 ·01 / 5 ·91	7 ·08	3
18	Thur. 16	3 ·20	... ...	3	17	Sun. 16	3 ·37	2 ·67	3					
19	Fri. 17	4 ·22	25 ·00	4	18	Mon. 17	4 ·32	3 ·64	4	17	Fri. 16	6 ·81	8 ·01 / 9 ·94	4
20	Sat. 18	5 ·23	26 ·03	5	19	Tues. 18	5 ·24	4 ·59	5					
21	Sun. 19	6 ·21	27 ·05	6	20	Wed. 19	6 ·15	5 ·53	6	18	Sat. 17	7 ·71	10 ·88	5
22	Mon. 20	7 ·17	1 ·04	7	21	Thur. 20	7 ·06 / 8 ·96	6 ·47	7	19	Sun. 18	8 ·62	11 ·82	6
23	Tues. 21	8 ·11	2 ·01 / 3 ·97	8						20	Mon. 19	9 ·55	12 ·79	7
					22	Fri. 21	9 ·86	7 ·39	8	21	Tues. 20	10 ·49	13 ·76	8
24	Wed. 22	9 ·04 / 10 ·96	4 ·91	9	23	Sat. 22	10 ·76	8 ·32	9	22	Wed. 21	11 ·45	14 ·74	9
25	Thur. 23	11 ·86	5 ·85	10	24	Sun. 23	11 ·67	9 ·27	10	23	Thur. 22	12 ·41	15 ·75	10
26	Fri. 24	12 ·76	6 ·79	11	25	Mon. 24	12 ·58	10 ·21	11	24	Fri. 23	13 ·41	16 ·78	11
27	Sat. 25	13 ·67	7 ·72	12	26	Tues. 25	13 ·50	11 ·15	12	25	Sat. 24	14 ·42	17 ·83	12
28	Sun. 26	14 ·57	8 ·65	13	27	Wed. 26	14 ·45	12 ·12	13	26	Sun. 25	**P** ·45	18 ·90	13
29	Mon. 27	**P** ·48	9 ·58	14	28	Thur. ○ 27	**P** ·41	13 ·09	14	27	Mon. 26	1 ·51	19 ·98	14
—30	Tues. 28	1 ·39	10 ·53	15	29	Fri. 28	1 ·39	14 ·10	15	28	Tues. 27	2 ·58	... ...	15
1	Wed. 29	2 ·33	11 ·49	16	—30	Sat. 29	2 ·38	15 ·11	16	29	Wed. 28	3 ·67	20 ·08	16
2	Thur. 30	3 ·28	12 ·46	17	1	Sun. 30	3 ·40	16 ·15	17	30	Thur. 29	4 ·75	21 ·19	17
3	Fri. 31	4 ·23	13 ·44	18	2	Mon. 31	4 43	17 ·21	18	—31	Fri. 30	5 ·83	22 ·29	18
	Feb.					**April.**				1	Sat. 31	6 ·89	23 ·40	19
Ānanda.		*Bahula.*			*Rākshasa.*		*Bahula.*				**June.**			
Kumbha—Māsi.		**Māgha.**		*H.* 1147 *Ramazān.*	**Mēsha—Chittirai.**				*H.* 1147 *Zi-l-ka'da.*	*Rākshasa.*		*Bahula.*		
4	Sat. 1	5 ·20	14 ·45	19	3	Tues. 1	5 ·49	18 ·28	19	2	Sun. 1	7 ·94	24 ·49	20
5	Sun. 2	6 ·20	15 ·47	20	4	Wed. 2	6 ·57	19 ·38	20	3	Mon. 2	8 ·98	25 ·56	21
6	Mon. 3	7 ·23	16 ·53	21	5	Thur. 3	7 ·65	20 ·49	21	4	Tues. 3	... ...	26 ·62	22
7	Tues. 4	8 ·27	17 ·59	22	6	Fri. 4	8 ·74	21 ·59	22	5	Wed. 4	9 ·00	27 ·65	23
8	Wed. 5	9 ·32	18 ·68	23	7	Sat. 5	9 ·82	22 ·70	23	6	Thur. 5	10 ·00 / 11 ·97	1 ·67	24
9	Thur. 6	10 ·40	19 ·77	24	8	Sun. 6	10 ·89	23 ·79	24					
10	Fri. 7	11 ·48	20 ·88	25	9	Mon. 7	11 ·94	24 ·88	25	7	Fri. 6	12 ·93	2 ·66	25
11	Sat. 8	12 ·57	... ...	26	10	Tues. 8	12 ·98	25 ·95	26	8	Sat. 7	13 ·87	3 ·64	26
12	Sun. 9	13 ·66	21 ·00	27	11	Wed. 9	... ...	26 ·99	27	9	Sun. 8	14 ·80	4 ·59	27
13	Mon. 10	14 ·73	22 ·10	28	12	Thur. 10	13 ·00 / 14 ·99	... ...	28	10	Mon. 9	—**A** ·70	5 ·54	28
14	Tues. 11	—**A** ·79	23 ·19	29						11	Tues. 10	1 ·60	6 ·49	29
15	Wed. 12	1 ·83	24 ·26	—30	13	Fri. 11	—**A** ·97	27 ·01	29	12	Wed. 11	2 ·50	7 ·42	—30
16	Thur. 13	2 ·86	25 ·31	1	14	Sat. 12	1 ·92	1 ·01	—30	13	Thur. 12	3 ·40	8 ·35	1
17	Fri. 14	3 ·85	26 ·35	2	15	Sun. 13	2 ·86	2 ·00 / 3 ·97	1	14	Fri. 13	4 ·30	9 ·28	2
18	Sat. 15	4 ·88	27 ·37	3						15	Sat. 14	5 ·20	10 ·21	3
19	Sun. 16	5 ·78	1 ·36	4	16	Mon. 14	3 ·78	4 ·93	2	16	Sun. 15	6 ·11	11 ·17	4
20	Mon. 17	6 ·72	2 ·34	5	17	Tues. 15	4 ·70	5 ·87	3					
21	Tues. 18	7 ·65	3 ·30	6	18	Wed. 16	5 ·60	6 ·80	4	17	Mon. 16	7 ·03 / 8 ·97	12 ·12	5
22	Wed. 19	8 ·57	4 ·26	7	19	Thur. 17	6 ·50	7 ·73	5					
23	Thur. 20	9 ·48	5 ·19	8	20	Fri. 18	7 ·40	8 ·67	6	18	Tues. 17	9 ·92	13 ·08	6
24	Fri. 21	10 ·38	6 ·18	9	21	Sat. 19	8 ·30	9 ·60	7	19	Wed. 18	10 ·89	14 ·07	7
25	Sat. 22	11 ·28	7 ·08 / 8 ·99	10	22	Sun. 20	9 ·20	10 ·54	8	20	Thur. 19	11 ·89	15 ·07	8
26	Sun. 23	12 ·18	9 ·92	11	23	Mon. 21	10 ·11	11 ·49	9	21	Fri. 20	12 ·90	16 ·09	9
27	Mon. 24	13 ·08	10 ·87	12	24	Tues. 22	11 ·04 / 12 ·98	12 ·45	10	22	Sat. 21	13 ·93	17 ·14	10
28	Tues. 25	14 ·00 / **P** ·93	11 ·82	13	25	Wed. 23	13 ·95	13 ·43	11	23	Sun. 22	14 ·98	18 ·20	11
29	Wed. 26	1 ·88	12 ·79	14	26	Thur. 24	14 ·92	14 ·42	12	24	Mon. 23	... ...	19 ·29	12
—30	Thur. 27	2 ·84	13 ·77	15	27	Fri. 25	**P** ·91	15 ·43	13	25	Tues. 24	**P** ·05	20 ·38	13
1	Fri. 28	3 ·82	14 ·77	16	28	Sat. 26	1 ·93	16 ·46	14	26	Wed. 25	1 ·13	21 ·49	14
					29	Sun. 27	2 ·96	17 ·51	15	27	Thur. 26	2 ·21	22 ·60	15
					30	Mon. 28	... ..	18 ·60	16	28	Fri. 27	3 ·30	23 ·70	16
					—31	Tues. 29	3 ·02	19 ·68	17	29	Sat. 28	4 ·37	24 ·80	17
					1	Wed. 30	4 ·09	20 ·78	18	30	Sun. 29	5 ·43	25 ·87	18
										31	Mon. 30	6 ·46	26 ·93	19

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1735. **Kollam 911,** { **N. Malabar—Sep.** **Hijra 1148.** **Vikrama 1792.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 13.** **Bengal San. 1141.**
P—Paurnimā. **(N. Cycle) Krodhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
—32	Tues.	1	7 ·48	27 ·98	20	—31	Mon.	1	10 ·10	7 ·44	23	—30	Sat.	1	13 ·64	14 ·71	25
1	Wed.	2	8 ·47	1 ·99	21				11 ·00			1	Sun.	2	14 ·60	15 ·69	26
2	Thur.	3	9 ·45	2 ·99	22	1	Tues.	2	12 ·90	8 ·37	24	2	Mon.	3	—**A** ·57	16 ·69	27
3	Fri.	4	10 ·41	3 ·97	23	2	Wed.	3	13 ·80	9 ·30	25	3	Tues.	4	1 ·57	17 ·72	28
4	Sat.	5	11 ·35	4 ·93	24	3	Thur.	4	14 ·71	10 ·24	26	4	Wed.	5	2 ·58	18 ·76	—29
5	Sun.	6	12 ·27	5 ·89	25	4	Fri.	5	—**A** ·62	11 ·17	27	5	Thur.	6	3 ·62	19 ·82	1
6	Mon.	7	13 ·18	6 ·83	26	5	Sat.	6	1 ·55	12 ·12	28	6	Fri.	7	4 ·68	20 ·89	2
7	Tues.	8	14 ·08	7 ·76	27	6	Sun.	7	2 ·48	13 ·07	—29	7	Sat.	8	5 ·74	21 ·99	3
			A ·98			7	Mon.	8	3 ·43	14 ·05	1	8	Sun.	9	6 ·83	... ...	4
8	Wed.	9	1 ·88	8 ·69	28	8	Tues.	9	4 ·40	15 ·04	2	9	Mon.	10	7 ·92	22 ·09	5
9	Thur.	10	2 ·78	9 ·62	—29	9	Wed.	10	5 ·39	16 ·05	3	10	Tues.	11	... ...	23 ·21	6
10	Fri.	11	3 ·68	10 ·56	1	10	Thur.	11	6 ·40	17 ·08	4	11	Wed.	12	8 ·01	24 ·31	7
11	Sat.	12	4 ·59	11 ·50	2	11	Fri.	12	7 ·43	18 ·13	5	12	Thur.	13	9 ·08	25 ·40	8
12	Sun.	13	5 ·51	12 ·45	3	12	Sat.	13	8 ·49	19 ·20	6	13	Fri.	14	10 ·15	26 ·48	9
13	Mon.	14	6 ·45	13 ·41	4	13	Sun.	14	9 ·55	20 ·29	7	14	Sat.	15	11 ·19	27 ·54	10
14	Tues.	15	7 ·40	14 ·39	5	14	Mon.	15	10 ·63	21 ·39	8	15	Sun.	16	12 ·22	1 ·59	11
15	Wed.	16	8 ·38	15 ·39	6	15	Tues.	16	11 ·72	22 ·50	9	16	Mon.	17	13 ·22	2 ·61	12
16	Thur.	17	9 ·37	16 ·41	7	16	Wed.	17	12 ·80	23 ·60	10	17	Tues.	18	14 ·21	3 ·61	13
17	Fri.	18	10 ·38	17 ·45	8	17	Thur.	18	13 ·88	24 ·71	11	18	Wed.	19	**P** ·17	4 ·59	14
18	Sat.	19	11 ·40	18 ·51	9	18	Fri.	19	14 ·95	25 ·80	12	19	Thur.	20	1 ·11	5 ·56	15
19	Sun.	20	12 ·45	19 ·59	10	19	Sat.	○ 20	**P** ·99	26 ·87	13				2 ·05		
20	Mon.	21	13 ·52	20 ·68	11	20	Sun.	21	... ...	27 ·92	14	20	Fri.	21	3 ·97	6 ·52	16
21	Tues.	22	14 ·60	21 ·79	12	21	Mon.	22	1 ·01	1 ·95	15	21	Sat.	22	4 ·88	7 ·46	17
22	Wed.	23	**P** ·69	22 ·90	13	22	Tues.	23	2 ·02	2 ·96	16	22	Sun.	23	5 ·78	8 ·39	18
23	Thur.	24	1 ·77	... ...	14				3 ·00			23	Mon.	24	6 ·68	9 ·32	19
24	Fri.	25	2 ·84	23 ·00	15	23	Wed.	24	4 ·96	3 ·96	17	24	Tues.	25	7 ·59	10 ·25	20
25	Sat.	26	3 ·90	24 ·10	16	24	Thur.	25	5 ·91	4 ·93	18	25	Wed.	26	8 ·49	11 ·19	21
26	Sun.	27	4 ·94	25 ·18	17	25	Fri.	26	6 ·83	5 ·89	19	26	Thur.	27	9 ·40	12 ·13	22
27	Mon.	28	5 ·97	26 ·25	18	26	Sat.	27	7 ·75	6 ·84	20	27	Fri.	28	10 ·33	13 ·08	23
28	Tues.	29	6 ·96	27 ·29	19	27	Sun.	28	8 ·66	7 ·77	21	28	Sat.	29	11 ·27	14 ·04	24
29	Wed.	30	7 ·94	1 ·31	20	28	Mon.	29	9 ·56	8 ·71	22	—29	Sun.	30	12 ·28	15 ·01	25
30	Thur.	31	8 ·89	2 ·31	21	29	Tues.	30	10 ·46	9 ·64	23						
	Aug.						**Oct.**						**Dec.**				
—31	Fri.	1	9 ·84	3 ·29	22	30	Wed.	1	11 ·36	10 ·57	24	1	Mon.	1	13 ·20	16 ·01	26
1	Sat.	2	10 ·77	4 ·27	23	—31	Thur.	2	12 ·27	11 ·51	25	2	Tues.	2	14 ·21	17 ·03	27
2	Sun.	3	11 ·68	5 ·22	24	1	Fri.	3	13 ·18	12 ·45	26	3	Wed.	3	—**A** ·22	18 ·07	28
3	Mon.	4	12 ·58	6 ·16	25	2	Sat.	4	14 ·11	13 ·41	27	4	Thur.	4	1 ·27	19 ·12	29
4	Tues.	5	13 ·48	7 ·10	26	3	Sun. ●	5	—**A** ·04	14 ·38	28	5	Fri.	5	2 ·33	20 ·20	—30
				8 ·03					1 ·00			6	Sat.	6	3 ·40	21 ·29	1
5	Wed.	6	14 ·38	9 ·96	27	4	Mon.	6	2 ·97	15 ·36	29	7	Sun.	7	4 ·48	22 ·40	2
6	Thur.	7	—**A** ·28	10 ·90	28	5	Tues.	7	3 ·97	16 ·37	—30	8	Mon.	8	5 ·58	23 ·50	3
7	Fri.	8	1 ·18	11 ·84	29	6	Wed.	8	4 ·57	17 ·39	1	9	Tues.	9	6 ·66	24 ·61	4
8	Sat.	9	2 ·09	12 ·78	—30	7	Thur.	9	... ...	18 ·45	2	10	Wed.	10	7 ·73	25 ·71	5
			3 ·01			8	Fri.	10	5 ·00	19 ·51	3	11	Thur.	11	8 ·80	26 ·79	6
9	Sun.	10	4 ·95	13 ·74	1	9	Sat.	11	6 ·07	20 ·59	4	12	Fri.	12	9 ·84	27 ·86	7
10	Mon.	11	5 ·90	14 ·72	2	10	Sun.	12	7 ·14	21 ·69	5	13	Sat.	13	10 ·87	1 ·91	8
11	Tues.	12	6 ·88	15 ·72	3	11	Mon.	13	8 ·22	22 ·79	6	14	Sun.	14	11 ·87	2 ·98	9
12	Wed.	13	7 ·86	16 ·73	4	12	Tues.	14	9 ·30	23 ·91	7	15	Mon.	15	12 ·86	3 ·94	10
13	Thur.	14	8 ·87	17 ·76	5	13	Wed.	15	10 ·39	... ...	8	16	Tues.	16	13 ·81	4 ·92	11
14	Fri.	15	9 ·90	18 ·82	6	14	Thur.	16	11 ·47	24 ·01	9	17	Wed.	17	14 ·75	5 ·90	12
15	Sat.	16	10 ·98	19 ·89	7	15	Fri.	17	12 ·53	25 ·10	10	18	Thur.	18	**P** ·69	6 ·85	13
16	Sun.	17	... ...	20 ·99	8	16	Sat.	18	13 ·57	26 ·18	11	19	Fri.	19	1 ·60	7 ·79	14
17	Mon.	18	11 ·03	... ...	9	17	Sun.	19	14 ·60	27 ·23	12	20	Sat.	20	2 ·51	8 ·73	15
18	Tues.	19	12 ·10	21 ·09	10	18	Mon.	20	**P** ·61	1 ·27	13	21	Sun.	21	3 ·42	9 ·66	16
19	Wed.	20	13 ·18	22 ·20	11	19	Tues.	21	1 ·59	2 ·29	14	22	Mon.	22	4 ·32	10 ·60	17
20	Thur.	21	14 ·27	23 ·30	12	20	Wed.	22	2 ·55	3 ·29	15	23	Tues.	23	5 ·22	11 ·53	18
21	Fri.	22	**P** ·35	24 ·40	13	21	Thur.	23	3 ·50	4 ·26	16	24	Wed.	24	6 ·12	12 ·47	19
22	Sat.	23	1 ·41	25 ·49	14	22	Fri.	24	4 ·42	5 ·22	17				7 ·04		
23	Sun.	24	2 ·45	26 ·56	15	23	Sat.	25	5 ·34	6 ·17	18	25	Thur.	25	8 ·97	13 ·41	20
24	Mon.	25	3 ·48	27 ·61	16	24	Sun.	26	6 ·25	7 ·12	19	26	Fri.	26	9 ·91	14 ·37	21
25	Tues.	26	4 ·47	1 ·63	17	25	Mon.	27	7 ·16	8 ·05	20	27	Sat.	27	10 ·88	15 ·34	22
26	Wed.	27	5 ·45	2 ·64	18					9 ·98		28	Sun.	28	11 ·86	16 ·34	23
27	Thur.	28	6 ·41	3 ·63	19	26	Tues.	28	8 ·08	10 ·91	21	—29	Mon.	29	12 ·85	17 ·35	24
28	Fri.	29	7 ·36	4 ·60	20				9 ·96			1	Tues.	30	13 ·88	18 ·38	25
29	Sat.	30	8 ·28	5 ·56	21	27	Wed.	29	10 ·86	11 ·84	22	2	Wed.	31	14 ·92	19 ·45	26
30	Sun.	31	9 ·20	6 ·50	22	28	Thur.	30	11 ·78	12 ·79	23						
						29	Fri.	31	12 ·71	13 ·75	24						

Rākshasa. **Karkataka—Ādi.** *Śukla.* **Śrāvaṇa.** *Bahula.* *Rākshasa.* **Siṁha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *Rākshasa.* **Kanyā—Puraṭṭāśi.** *Śukla.* **Āśvina.** *Bahula.* *Rākshasa.* **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* *Rākshasa.* **Vṛiśchika—Karttigai.** *Śukla.* **Mārgaśīrsha.** *Bahula.* *Rākshasa.* **Dhanus—Mārgaḷi.** *Śukla.* **Pausha.** *Bahula.*

H. 1148 *Śafar.* 22 *Rabī-ul awwal.* 1 *Rabī-ul ākhir.* 6 *Jamāda'l awwal.* 11 *Jamāda'l ākhir.* 16 *Rajab.* 21 *Sha'bān.* 26

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1736. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·18.** **Śaka 1658.** **Kaliyuga 4837.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·09.** **(S. Cycle) Anala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Thurs.	1	—**A** ·97	20 ·50	27	3	Mon.	1	—**A** ·57	25 ·62	28	3	Sat.	1	2 ·80	4 ·56	1
4	Fri.	2	... ...	21 ·60	28	4	Tues.	2	1 ·64	26 ·71	—29	4	Sun.	2	3 ·76	5 ·54	2
5	Sat.	3	1 ·05	22 ·70	—29	5	Wed.	3	2 ·69	27 ·79	1	5	Mon.	3	4 ·69	6 ·53	3
6	Sun.	4	2 ·13	23 ·80	1	6	Thur.	4	3 ·74	1 ·85	2	6	Tues.	4	5 ·62	7 ·48	4
7	Mon.	5	3 ·23	24 ·91	2	7	Fri.	5	4 ·75	2 ·88	3	7	Wed.	5	6 ·52	8 ·43	5
8	Tues.	6	4 ·31	... ...	3	8	Sat.	6	5 ·74	3 ·91	4	8	Thur.	6	7 ·42	9 ·36	6
9	Wed.	7	5 ·38	25 ·01	4	9	Sun.	7	6 ·72	4 ·91	5	9	Fri.	7	8 ·32	10 ·29	7
10	Thur.	8	6 ·45	26 ·10	5	10	Mon.	8	7 ·67	5 ·89	6	10	Sat.	8	9 ·22	11 ·23	8
11	Fri.	9	7 ·48	27 ·17	6	11	Tues.	9	8 ·61	6 ·65	7	11	Sun.	9	10 ·12	12 ·16	9
12	Sat.	10	8 ·51	1 ·22	7	12	Wed.	10	9 ·54	7 ·80	8	12	Mon.	10	11 ·03 / 12 ·94	13 ·10	10
13	Sun.	11	9 ·51	2 ·25	8	13	Thur.	11	10 ·46	8 ·75	9	13	Tues.	11	13 ·86	14 ·04	11
14	Mon.	12	10 ·49	3 ·26	9	14	Fri.	12	11 ·36	9 ·68	10	14	Wed.	12	14 ·81	15 ·00 / 16 ·98	12
15	Tues.	13	11 ·45	4 ·26	10	15	Sat.	13	12 ·25	10 ·61	11	15	Thur.	13	**P** ·76	17 ·96	13
16	Wed.	14	12 ·40	5 ·23	11	16	Sun.	14	13 ·15	11 ·54	12	16	Fri.	14	1 ·74	18 ·97	14
17	Thur.	15	13 ·32	6 ·19	12	17	Mon. ○	15	14 ·06 / **P** ·97	12 ·48	13	17	Sat.	15	2 ·73	... ...	15
18	Fri.	16	14 ·23	7 ·13	13	18	Tues.	16	1 ·88	13 ·42	14	18	Sun.	16	3 ·74	19 ·00	16
19	Sat.	17	**P** ·14	8 ·07	14	19	Wed.	17	2 ·81	14 ·37	15	19	Mon.	17	4 ·79	20 ·04	17
20	Sun.	18	1 ·05 / 2 ·95	9 ·00 / 10 ·94	15	20	Thur.	18	3 ·75	15 ·34	16	20	Tues.	18	5 ·84	21 ·11	18
21	Mon.	19	3 ·85	11 ·87	16	21	Fri.	19	4 ·72	16 ·31	17	21	Wed.	19	6 ·92	22 ·20	19
22	Tues.	20	4 ·76	12 ·80	17	22	Sat.	20	5 ·69	17 ·31	18	22	Thur.	20	... ...	23 ·30	20
23	Wed.	21	5 ·68	13 ·75	18	23	Sun.	21	6 ·69	18 ·33	19	23	Fri.	21	7 ·00	24 ·41	21
24	Thur.	22	6 ·61	14 ·70	19	24	Mon.	22	7 ·71	19 ·37	20	24	Sat.	22	8 ·08	25 ·51	22
25	Fri.	23	7 ·55	15 ·68	20	25	Tues.	23	8 ·76	20 ·43	21	25	Sun.	23	9 ·16	26 ·61	23
26	Sat.	24	8 ·51	16 ·66	21	26	Wed.	24	9 ·81	21 ·50	22	26	Mon.	24	10 ·23	27 ·71	24
27	Sun.	25	9 ·50	17 ·67	22	27	Thur.	25	10 ·89	22 ·59	23	27	Tues.	25	11 ·28	1 ·78	25
28	Mon.	26	10 ·49	18 ·69	23	28	Fri.	26	11 ·98	23 ·70	24	28	Wed.	26	12 ·81	2 ·84	26
29	Tues.	27	11 ·51	19 ·74	24	29	Sat.	27	... ...	24 ·81	25	29	Thur.	27	13 ·33	3 ·87	27
—30	Wed.	28	12 ·56	20 ·81	25	—30	Sun.	28	12 ·06	25 ·92	26	30	Fri.	28	14 ·32	4 ·88	28
1	Thur.	29	13 ·63	21 ·90	26	1	Mon.	29	13 ·14	... ...	27	—31	Sat.	29	—**A** ·30	5 ·88	29
2	Fri.	30	14 ·70	... ...	27	2	Tues.	30	14 ·21	26 ·01	28	1	Sun.	30	1 ·25	6 ·86	—30
3	Sat.	31	—**A** ·78	22 ·00	28	3	Wed.	31	—**A** ·26	27 ·09	29	2	Mon.	31	2 ·19	7 ·81	1
	Feb.						**April.**						**June.**				
4	Sun.	1	1 ·87	23 ·10	29	4	Thur.	1	1 ·30	1 ·16	—30	3	Tues.	1	3 ·12	8 ·76	2
5	Mon.	2	2 ·95	24 ·21	—30	5	Fri.	2	2 ·30	2 ·21	1	4	Wed.	2	4 ·02 / 5 ·92	9 ·70	3
6	Tues.	3	... ...	25 ·32	1	6	Sat.	3	3 ·30	3 ·23	2	5	Thur.	3	6 ·82	10 ·64	4
7	Wed.	4	3 ·03	26 ·41	2	7	Sun.	4	4 ·28	4 ·23	3	6	Fri.	4	7 ·72	11 ·57	5
8	Thur.	5	4 ·09	27 ·48	3	8	Mon.	5	5 ·23	5 ·22	4	7	Sat.	5	8 ·62	12 ·50	6
9	Fri.	6	5 ·13	1 ·53	4	9	Tues.	6	6 ·17	6 ·18	5	8	Sun.	6	9 ·52	13 ·43	7
10	Sat.	7	6 ·14	2 ·57	5	10	Wed.	7	7 ·10	7 ·15	6	9	Mon.	7	10 ·43	14 ·37	8
11	Sun.	8	7 ·14	3 ·59	6	11	Thur.	8	8 ·01 / 9 ·91	8 ·09	7	10	Tues.	8	11 ·35	15 ·33	9
12	Mon.	9	8 ·13	4 ·58	7	12	Fri.	9	10 ·81	9 ·02 / 10 ·95	8	11	Wed.	9	12 ·29	16 ·30	10
13	Tues.	10	9 ·07	5 ·57	8	13	Sat.	10	11 ·71	11 ·88	9	12	Thur.	10	13 ·24	17 ·29	11
14	Wed.	11	10 ·01 / 11 ·94	6 ·52	9	14	Sun.	11	12 ·61	12 ·82	10	13	Fri.	11	14 ·22	18 ·29	12
15	Thur.	12	12 ·86	7 ·47	10	15	Mon.	12	13 ·51	13 ·76	11	14	Sat.	12	**P** ·21	19 ·31	13
16	Fri.	13	13 ·77	8 ·40	11	16	Tues.	13	14 ·43	14 ·71	12	15	Sun.	13	1 ·23	20 ·35	14
17	Sat.	14	14 ·67	9 ·35	12	17	Wed.	14	**P** ·35	15 ·67	13	16	Mon.	14	2 ·26	21 ·43	15
18	Sun.	15	**P** ·57	10 ·28	13	18	Thur.	15	1 ·29	16 ·64	14	17	Tues.	15	3 ·32	22 ·51	16
19	Mon.	16	1 ·47	11 ·20	14	19	Fri.	16	2 ·25	17 ·64	15	18	Wed.	16	4 ·39	23 ·60	17
20	Tues.	17	2 ·38	12 ·14	15	20	Sat.	17	3 ·23	18 ·65	16	19	Thur.	17	5 ·46	24 ·71	18
21	Wed.	18	3 ·30	13 ·08	16	21	Sun.	18	4 ·23	19 ·68	17	20	Fri.	18	6 ·55	25 ·81	19
22	Thur.	19	4 ·23	14 ·04	17	22	Mon.	19	5 ·24	20 ·73	18	21	Sat.	19	7 ·63	26 ·92	20
23	Fri.	20	5 ·17	15 ·01 / 16 ·99	18	23	Tues.	20	6 ·29	21 ·81	19	22	Sun.	20	8 ·70	... ...	21
24	Sat.	21	6 ·14	17 ·99	19	24	Wed.	21	7 ·34	22 ·89	20	23	Mon.	21	9 ·75	27 ·02	22
25	Sun.	22	7 ·11	.. ...	20	25	Thur.	22	8 ·42	... ...	21	24	Tues.	22	10 ·79	1 ·09	23
26	Mon.	23	8 ·10	18 ·01	21	26	Fri.	23	9 ·51	23 ·00	22	25	Wed.	23	11 ·81	2 ·15	24
27	Tues.	24	9 ·13	19 ·06	22	27	Sat.	24	10 ·59	24 ·11	23	26	Thur.	24	12 ·80	3 ·19	25
28	Wed.	25	10 ·17	20 ·12	23	28	Sun.	25	11 ·66	25 ·22	24	27	Fri	25	13 ·78	4 ·21	26
29	Thur.	26	11 ·24	21 ·20	24	29	Mon.	26	12 ·73	26 ·31	25	28	Sat.	26	14 ·73	5 ·21	27
—30	Fri.	27	12 ·32	22 ·29	25	30	Tues.	27	13 ·79	27 ·40	26	29	Sun.	27	—**A** ·66	6 ·19	28
1	Sat.	28	13 ·41	23 ·40	26	—31	Wed.	28	14 ·83	1 ·48	27	30	Mon.	28	1 ·59	7 ·15	—29
2	Sun.	29	14 ·49	24 ·51	27	1	Thur.	29	—**A** ·84	2 ·52	28	31	Tues.	29	2 ·50	8 ·10	1
						2	Fri.	30	1 ·82	3 ·55	—29	—32	Wed.	30	3 ·40	9 ·04 / 10 ·98	2

Rākshasa. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Kumbha—Māsi.** *Bahula.* *H.* 1148 *Ramazān.* *H.* 1148 *Shawwāl.*

Rākshasa. **Mīna—Paṅguni.** *Śukla.* **Chaitra.** *Bahula.* **Mēsha—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* *Anala.* *H.* 1148 *Zi-l-ka'da.* *H.* 1148 *Zi-l-hijja.*

Anala. **Vrishabha—Vaigāśi.** *Śukla.* **Adhika Jyeshtha.** *Bahula.* *Anala.* **Mithuna—Āni.** *Śukla.* **Nija Jyeshtha.** *Bahula.* *H.* 1149 *Muharram.* *H.* 1149 *Safar.*

Nakah :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1736. **Kollam 912,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1149.** Commences **May 1.** **Vikrama 1793.** **Bengal San. 1142.** **(N. Cycle) Kshaya.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Thur.	1	4 ·29	11 ·91	3	—32	Wed.	1	*Sukla.* 8 ·71	18 ·26	6		Mon.	1	*Sukla.* 9 ·05	24 ·21	8
	Fri.	2	5 ·19	12 ·84	4	1	Thur.	2	9 ·71	19 ·27	7		Tues.	2	10 ·13	25 ·31	9
	Sat.	3	6 ·09 / 7 ·99	13 ·77	5	2	Fri.	3	10 ·72	20 ·30	8		Wed.	3	11 ·22	26 ·42	10
						3	Sat.	4	11 ·76	21 ·35	9		Thur.	4	12 ·31	27 ·53	11
	Sun.	4	8 ·90	14 ·71	6	4	Sun.	5	12 ·81	22 ·42	10		Fri.	5	13 ·39	1 ·62	12
	Mon.	5	*Sukla.* 9 ·84	15 ·67	7	5	Mon.	6	**Bhādrapada.** 13 ·88	23 ·51	11		Sat.	6	14 ·44	2 ·70	13
	Tues.	6	10 ·76	16 ·63	8	6	Tues.	7	14 ·96	24 ·61	12		Sun.	7	**P** ·48	3 ·76	14
	Wed.	7	11 ·72	17 ·61	9	7	Wed.	8	.. ...	25 ·72	13		Mon.	8	1 ·52	4 ·80	15
	Thur.	8	12 ·70	18 ·61	10	8	Thur.	9	**P** ·03	26 ·82	14		Tues.	9	2 ·51	5 ·83	16
	Fri.	9	13 ·69	19 ·62	11	9	Fri.	10	1 ·12	27 ·92	15		Wed.	10	3 ·49	6 ·83	17
	Sat.	10	14 ·71	20 ·67	12	10	Sat.	11	2 ·19	... ...	16		Thur.	11	4 ·45	7 ·81	18
	Sun.	11	**P** ·74	21 ·73	13	11	Sun.	12	3 ·26	1 ·01	17		Fri.	12	5 ·40	8 ·78	19
	Mon.	12	1 ·79	22 ·81	14	12	Mon.	13	4 ·30	2 ·09	18		Sat.	13	6 ·33	9 ·73	20
	Tues.	13	2 ·86	23 ·90	15	13	Tues.	14	5 ·32	3 ·14	19		Sun.	14	7 ·25	10 ·68	21
	Wed.	14	3 ·94	.. ...	16	14	Wed.	15	6 ·32	4 ·17	20		Mon.	15	8 ·15	11 ·61	22
	Thur.	15	... ...	24 ·00	17	15	Thur.	16	7 ·30	5 ·18	21				9 ·05		
	Fri.	16	4 ·02	25 ·12	18	16	Fri.	17	8 ·27	6 ·17	22		Tues.	16	10 ·95	12 ·54	23
	Sat.	17	5 ·10	26 ·22	19	17	Sat.	18	9 ·20	7 ·15	23		Wed.	17	11 ·86	13 ·47	24
	Sun.	18	6 ·18	27 ·32	20	18	Sun.	19	10 ·13	8 ·11	24		Thur.	18	12 ·77	14 ·40	25
	Mon.	19	*Bahula.* 7 ·23	1 ·40	21				11 ·04	9 ·06			Fri.	19	13 ·68	15 ·34	26
	Tues.	20	8 ·28	2 ·46	22	19	Mon.	20	12 ·95	10 ·99	25		Sat.	20	14 ·61	16 ·30	27
	Wed.	21	9 ·29	3 ·51	23	20	Tues.	21	13 ·86	11 ·92	26		Sun.	21	—**A** ·55	17 ·26	28
	Thur.	22	10 ·28	4 ·53	24	21	Wed.	22	14 ·76	12 ·86	27		Mon.	22	1 ·50	18 ·23	29
	Fri.	23	11 ·26	5 ·53	25	22	Thur.	23	—**A** ·65	13 ·79	28		Tues.	23	2 ·49	19 ·23	—30
	Sat.	24	12 ·21	6 ·51	26	23	Fri.	24	1 ·55	14 ·73	29		Wed.	24	3 ·49	20 ·24	1
	Sun.	25	13 ·15	7 ·48	27	24	Sat.	25	2 ·47	15 ·67	—30		Thur.	25	4 ·52	21 ·29	2
	Mon.	26	14 ·07 / **A** ·99	8 ·43	28	25	Sun.	26	3 ·39	16 ·62	1		Fri.	26	5 ·55	22 ·34	3
						26	Mon.	27	4 ·34	17 ·60	2		Sat.	27	6 ·62	23 ·42	4
	Tues.	27	1 ·90	9 ·38	29	27	Tues.	28	*Sukla.* 5 ·29	18 ·58	3		Sun.	28	7 ·69	24 ·51	5
	Wed.	28	2 ·80	10 ·32	—30	28	Wed.	29	6 ·28	19 ·59	4	—29	Mon.	29	8 ·77	25 ·61	6
	Thur.	29	3 ·69	11 ·25	1	29	Thur.	30	7 ·27	20 ·61	5	1	Tues.	30	9 ·86	26 ·73	7
	Fri.	30	4 ·59	12 ·18	2												
—31	Sat.	31	5 ·49	13 ·11	3												
	Aug.						**Oct.**						**Dec.**				
	Sun.	1	6 ·40	14 ·05 / 15 ·00	4	—30	Fri.	1	8 ·27	21 ·66	6		Wed.	1	10 ·95	27 ·83	8
	Mon.	2	7 ·33	16 ·96	5	1	Sat.	2	9 ·32	22 ·72	7		Thur.	2	... ...	1 ·93	9
	Tues.	3	*Sukla.* 8 ·26	17 ·94	6	2	Sun.	3	10 ·37	23 ·81	8		Fri.	3	11 ·03	... ...	10
	Wed.	4	9 ·21	18 ·93	7	3	Mon.	4	11 ·44	24 ·91	9		Sat.	4	12 ·09	2 ·01	11
	Thur.	5	10 ·20	19 ·95	8	4	Tues.	5	12 ·53	... ...	10		Sun.	5	13 ·14	3 ·07	12
	Fri.	6	11 ·19	20 ·98	9	5	Wed.	6	**Āśvina.** 13 ·61	25 ·01	11		Mon.	6	14 ·15	4 ·13	13
	Sat.	7	12 ·19	... ...	10	6	Thur.	7	14 ·69	26 ·12	12		Tues.	7	**P** ·15	5 ·15	14
	Sun.	8	13 ·22	21 ·04	11	7	Fri.	8	**P** ·77	27 ·22	13		Wed.	8	1 ·13	6 ·16	15
	Mon.	9	14 ·28	22 ·11	12	8	Sat.	9	1 ·83	1 ·32	14		Thur.	9	2 ·09	7 ·14	16
	Tues.	10	**P** ·35	23 ·20	13	9	Sun.	10	2 ·87	2 ·40	15				3 ·03		
	Wed.	11	1 ·44	24 ·31	14	10	Mon.	11	3 ·91	3 ·45	16		Fri.	10	4 ·95	8 ·11	17
	Thur.	12	2 ·52	25 ·42	15	11	Tues.	12	4 ·90	4 ·49	17		Sat.	11	5 ·87	9 ·07	18
	Fri.	13	3 ·60	26 ·52	16	12	Wed.	13	5 ·88	5 ·50	18		Sun.	12	6 ·78	10 ·01 / 11 ·95	19
	Sat.	14	4 ·67	27 ·62	17	13	Thur.	14	*Bahula.* 6 ·84	6 ·51	19				7 ·69	12 ·88	20
	Sun.	15	5 ·72	1 ·70	18	14	Fri.	15	7 ·78	7 ·48	20		Mon.	13	8 ·59	13 ·81	21
	Mon.	16	6 ·77	2 ·77	19	15	Sat.	16	8 ·71	8 ·44	21		Tues.	14	9 ·49	14 ·74	22
	Tues.	17	7 ·79	3 ·83	20	16	Sun.	17	9 ·62	9 ·39	22		Wed.	15	10 ·40	15 ·69	23
	Wed.	18	*Bahula.* 8 ·79	4 ·85	21	17	Mon.	18	10 ·53	10 ·33	23		Thur.	16	11 ·32	16 ·63	24
	Thur.	19	9 ·76	5 ·86	22	18	Tues.	19	11 ·44	11 ·27	24		Fri.	17	12 ·25	17 ·59	25
	Fri.	20	10 ·72	6 ·84	23	19	Wed.	20	12 ·34	12 ·20	25		Sat.	18	13 ·19	18 ·56	26
	Sat.	21	11 ·66	7 ·81	24	20	Thur.	21	13 ·24	13 ·13	26		Sun.	19	14 ·16	19 ·55	27
	Sun.	22	12 ·59	8 ·78	25	21	Fri.	22	14 ·15	14 ·06	27		Mon.	20	—**A** ·14	20 ·57	28
	Mon.	23	13 ·50	9 ·72	26	22	Sat.	23	**A** ·06 / 1 ·98	15 ·00 / 16 ·96	28		Tues.	21	1 ·14	21 ·60	—29
	Tues.	24	14 ·40	10 ·65	27	23	Sun.	24	2 ·93	17 ·93	—29		Wed.	22	2 ·16	22 ·65	1
	Wed.	25	—**A** ·30	11 ·58	28	24	Mon.	25	3 ·89	18 ·91	1		Thur.	23	3 ·20	23 ·72	2
	Thur.	26	1 ·20	12 ·51	—29	25	Tues.	26	4 ·88	19 ·91	2		Fri.	24	*Sukla.* 4 ·27	24 ·81	3
	Fri.	27	2 ·10	13 ·45	1	26	Wed.	27	5 ·86	20 ·93	3		Sat.	25	5 ·34	25 ·91	4
	Sat.	28	3 ·00 / 4 ·92	14 ·39	2	27	Thur.	28	6 ·88	21 ·97	4		Sun	26	6 ·43	... ...	5
						28	Fri.	29	7 ·92	... ...	5		Mon.	27	7 ·52	26 ·02	6
	Sun.	29	5 ·85	15 ·34	3	29	Sat.	30	8 ·98	22 ·04	6		Tues.	28	8 ·60	27 ·13	7
	Mon.	30	6 ·78	16 ·29	4	—30	Sun.	31	... ...	23 ·11	7	—30	Wed.	29	9 ·68	1 ·23	8
	Tues.	31	7 ·73	17 ·26	5							1	Thur.	30	10 ·73	2 ·31	9

Anala. **Karkataka—Ādi.** *Anala.* **Siṁha—Āvaṇi.** *Anala.* **Kanyā—Puraṭṭāśi.** *Anala.* **Tulā—Aippaśi.** *Anala.* **Vṛśchika—Kārttigai.** *Anala.* **Dhanus—Mārgali.**

H. 1149 *Rabī-ul awwal.* *H.* 1149 *Rabī-ul ākhir.* *H.* 1149 *Jamāda'l awwal.* *H.* 1149 *Jamāda'l ākhir.* *H.* 1149 *Rajab.* *H.* 1149 *Sha'bān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab

A.D. 1737. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·44.** **Śaka 1659.** **Kaliyuga 4838.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·35.** **(S. Cycle) Piṅgala.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
3	Sat. 1	11 ·78	3 ·39	10
4	Sun. 2	12 ·80	4 ·44	11
5	Mon. 3	13 ·80	5 ·47	12
6	Tues. 4	14 ·77	6 ·48	13
7	Wed. 5	P ·74	7 ·47	14
8	Thur. 6	1 ·68	8 ·44	15
9	Fri. 7	2 ·60	9 ·41	16
10	Sat. 8	3 ·52	10 ·35	17
11	Sun. 9	4 ·42	11 ·29	18
12	Mon. 10	5 ·32	12 ·22	19
13	Tues. 11	6 ·22	13 ·15	20
14	Wed. 12	7 ·13	14 ·09	21
15	Thur. 13	8 ·04	15 ·02	22
16	Fri. 14	9 ·96	16 ·96	23
17	Sat. 15	10 ·89	17 ·92	24
18	Sun. 16	11 ·83	18 ·89	25
19	Mon. 17	12 ·80	19 ·88	26
20	Tues. 18	13 ·78	20 ·89	27
21	Wed. 19	14 ·78	21 ·91	28
22	Thur. 20	A ·80	22 ·96	29
23	Fri. 21	1 ·85	... ...	30
24	Sat. 22	2 ·92	23 ·03	1
25	Sun. 23	3 ·99	24 ·12	2
26	Mon. 24	... ...	25 ·22	3
27	Tues. 25	4 ·08	26 ·32	4
28	Wed. 26	5 ·17	27 ·43	5
29	Thur. 27	6 ·25	1 ·53	6
1	Fri. 28	7 ·32	2 ·62	7
2	Sat. 29	8 ·39	3 ·70	8
3	Sun. 30	9 ·42	4 ·76	9
4	Mon. 31	10 ·43	5 ·79	10
		11 ·43	6 ·80	

Ayana. **Makara—Tai.** *Pausha.* *Bahula.* *Sukla.*

	Feb.			
5	Tues. 1	12 ·40	7 ·79	11
6	Wed. 2	13 ·37	8 ·78	12
7	Thur. 3	14 ·30	9 ·74	13
8	Fri. 4	P ·23	10 ·69	14
9	Sat. 5	1 ·14	11 ·62	15
10	Sun. 6	2 ·05	12 ·56	16
11	Mon. 7	3 ·96	13 ·50	17
12	Tues. 8	4 ·86	14 ·42	18
13	Wed. 9	5 ·76	15 ·36	19
14	Thur. 10	6 ·66	16 ·30	20
15	Fri. 11	7 ·58	17 ·25	21
16	Sat. 12	8 ·50	18 ·23	22
17	Sun. 13	9 ·46	19 ·21	23
18	Mon. 14	10 ·42	20 ·21	24
19	Tues. 15	11 ·40	21 ·23	25
20	Wed. 16	12 ·40	22 ·27	26
21	Thur. 17	13 ·43	23 ·34	27
22	Fri. 18	14 ·47	24 ·42	28
23	Sat. 19	A ·54	25 ·51	29
24	Sun. 20	1 ·62	26 ·62	30
25	Mon. 21	2 ·71	27 ·73	1
26	Tues. 22	3 ·80	1 ·83	2
27	Wed. 23	4 ·88	2 ·93	3
28	Thur. 24	5 ·94	... ...	4
29	Fri. 25	... ...	3 ·01	5
30	Sat. 26	6 ·00	4 ·07	6
1	Sun. 27	7 ·04	5 ·10	7
2	Mon. 28	8 ·05	6 ·12	8
		9 ·04		9

Ayana. **Kumbha—Māgi.** *Māgha.* *Bahula.* *Sukla.*

	March.			
3	Tues. 1	10 ·01	7 ·13	10
		11 ·97		
4	Wed. 2	12 ·90	8 ·11	11
5	Thur. 3	13 ·83	9 ·07	12
6	Fri. 4	14 ·74	10 ·02	13
			11 ·96	
7	Sat. ○ 5	P ·65	12 ·90	14
8	Sun. 6	1 ·55	13 ·83	15
9	Mon. 7	2 ·45	14 ·76	16
10	Tues. 8	3 ·35	15 ·70	17
11	Wed. 9	4 ·26	16 ·63	18
12	Thur. 10	5 ·18	17 ·59	19
13	Fri. 11	6 ·10	18 ·56	20
14	Sat. 12	7 ·05	19 ·53	21
15	Sun. 13	8 ·01	20 ·53	22
16	Mon. 14	9 ·00	21 ·54	23
17	Tues. 15	10 ·00	22 ·58	24
18	Wed. 16	11 ·03	23 ·65	25
19	Thur. 17	12 ·06	24 ·72	26
20	Fri. 18	13 ·12	25 ·81	27
21	Sat. 19	14 ·20	26 ·92	28
22	Sun. 20	A ·29	... ...	29
23	Mon. 21	1 ·38	27 ·03	30
24	Tues. 22	2 ·46	1 ·14	1
25	Wed. 23	3 ·52	2 ·23	2
26	Thur. 24	4 ·58	3 ·31	3
27	Fri. 25	5 ·61	4 ·38	4
28	Sat. 26	6 ·62	5 ·42	5
29	Sun. 27	7 ·61	6 ·45	6
30	Mon. 28	8 ·58	7 ·45	7
1	Tues. 29	9 ·54	8 ·44	8
2	Wed. 30	10 ·48	9 ·40	9
3	Thur. 31	11 ·39	10 ·36	10

Ayana. **Mīna—Pangguni.** *Phālguna.* *Bahula.* *Sukla.*

	April.			
4	Fri. 1	12 ·30	11 ·31	11
5	Sat. 2	13 ·21	12 ·24	12
6	Sun. 3	14 ·11	13 ·17	13
7	Mon. 4	P ·01	14 ·10	14
		1 ·91		
8	Tues. 5	2 ·82	15 ·03	15
			16 ·98	
9	Wed. 6	3 ·73	17 ·93	16
10	Thur. 7	4 ·66	18 ·88	17
11	Fri. 8	5 ·60	19 ·86	18
12	Sat. 9	6 ·56	20 ·85	19
13	Sun. 10	7 ·55	21 ·86	20
14	Mon. 11	8 ·54	22 ·90	21
15	Tues. 12	9 ·57	23 ·95	22
16	Wed. 13	10 ·60	... ...	23
17	Thur. 14	11 ·67	24 ·03	24
18	Fri. 15	12 ·75	25 ·11	25
19	Sat. 16	13 ·83	26 ·21	26
20	Sun. 17	14 ·92	27 ·33	27
21	Mon. 18	... ...	1 ·44	28
22	Tues. 19	A ·00	2 ·53	29
23	Wed. 20	1 ·06	3 ·62	1
24	Thur. 21	2 ·11	4 ·69	2
25	Fri. 22	3 ·15	5 ·74	3
26	Sat. 23	4 ·15	6 ·77	4
27	Sun. 24	5 ·14	7 ·78	5
28	Mon. 25	6 ·12	8 ·76	6
29	Tues. 26	7 ·06	9 ·73	7
30	Wed. 27	8 ·00	10 ·70	8
		9 ·92		
31	Thur. 28	10 ·84	11 ·64	9
1	Fri. 29	11 ·74	12 ·58	10
2	Sat. 30	12 ·64	13 ·51	11

Ayana. **Mēsha—Chittirai.** *Chaitra.* *Bahula.* *Sukla.*

	May.			
3	Sun. 1	13 ·53	14 ·44	12
4	Mon. 2	14 ·43	15 ·37	13
5	Tues. 3	P ·34	16 ·32	14
6	Wed. 4	1 ·25	17 ·26	15
7	Thur. 5	2 ·17	18 ·22	16
8	Fri. 6	3 ·12	19 ·19	17
9	Sat. 7	4 ·08	20 ·17	18
10	Sun. 8	5 ·06	21 ·19	19
11	Mon. 9	6 ·05	22 ·22	20
12	Tues. 10	7 ·08	23 ·26	21
13	Wed. 11	8 ·12	24 ·33	22
14	Thur. 12	9 ·18	25 ·42	23
15	Fri. 13	10 ·25	26 ·52	24
16	Sat. 14	11 ·33	27 ·63	25
17	Sun. 15	12 ·41	1 ·73	26
18	Mon. 16	13 ·49	2 ·84	27
19	Tues. 17	14 ·57	3 ·93	28
20	Wed. 18	A ·61	... ...	29
21	Thur. 19	1 ·64	4 ·01	30
22	Fri. 20	2 ·65	5 ·06	1
23	Sat. 21	3 ·65	6 ·09	2
24	Sun. 22	4 ·61	7 ·10	3
25	Mon. 23	5 ·57	8 ·09	4
26	Tues. 24	6 ·51	9 ·08	5
27	Wed. 25	7 ·42	10 ·08	6
			11 ·98	
28	Thur. 26	8 ·33	12 ·92	7
29	Fri. 27	9 ·23	13 ·85	8
30	Sat. 28	10 ·13	14 ·78	9
31	Sun. 29	11 ·03	15 ·72	10
		12 ·93		
32	Mon. 30	13 ·84	16 ·65	11
1	Tues. 31	14 ·75	17 ·59	12

Ayana. **Vrishabha—Vaigāśi.** *Vaiśākha.* *Bahula.* *Sukla.*

	June.			
2	Wed. 1	P ·67	18 ·55	13
3	Thur. 2	1 ·61	19 ·51	14
4	Fri. 3	2 ·57	20 ·51	15
5	Sat. 4	3 ·54	21 ·51	16
6	Sun. 5	4 ·54	22 ·53	17
7	Mon. 6	5 ·56	23 ·57	18
8	Tues. 7	6 ·60	24 ·64	19
9	Wed. 8	7 ·65	25 ·73	20
10	Thur. 9	8 ·72	26 ·82	21
11	Fri. 10	9 ·80	27 ·93	22
12	Sat. 11	10 ·88	... ...	23
13	Sun. 12	11 ·97	1 ·03	24
14	Mon. 13	... ...	2 ·14	25
15	Tues. 14	12 ·04	3 ·23	26
16	Wed. 15	13 ·09	4 ·31	27
17	Thur. 16	14 ·12	5 ·37	28
18	Fri. 17	A ·13	6 ·41	29
19	Sat. 18	1 ·12	7 ·42	30
20	Sun. 19	2 ·09	8 ·42	1
21	Mon. 20	3 ·05	9 ·41	2
		4 ·99		
22	Tues. 21	5 ·91	10 ·37	3
23	Wed. 22	6 ·82	11 ·32	4
24	Thur. 23	7 ·72	12 ·26	5
25	Fri. 24	8 ·61	13 ·19	6
26	Sat. 25	9 ·51	14 ·13	7
27	Sun. 26	10 ·41	15 ·06	8
			16 ·99	
28	Mon. 27	11 ·31	17 ·93	9
29	Tues. 28	12 ·23	18 ·88	10
30	Wed. 29	13 ·15	19 ·85	11
31	Thur. 30	14 ·09	20 ·83	12

Ayana. **Mithuna—Āni.** *Jyeshtha.* *Bahula.* *Sukla.* *Āshādha.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

H. 1149 *Ramaẓa.* *H.* 1149 *Shawwāl.* *H.* 1149 *Zi-l-ka'da.* *H.* 1149 *Zi-l-hijja.* *H.* 1150 *Muharram.* *H.* 1150 *Ṣafar.* *H.* 1150 *Rabi-ul awwal.* *H.* 1150 *Muharram.*

A.D. 1737. **Kollam 913,** { **N. Malabar—Sep.** **Hijra 1150.** **Vikrama 1794.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 20.** **Bengal San. 1143.**
P—Paurnimā. **(N. Cycle) Prabhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
	Fri.	1	P ·04	21 ·83	14	—31	Thur.	1	3 ·28	1 ·94	17		Tues.	1	5 ·80	... ...	19
	Sat.	2	1 ·02	22 ·85	15	1	Fri.	2	4 ·36	... ...	18		Wed.	2	6 ·80	7 ·02	20
	Sun.	3	2 ·02	23 ·88	16	2	Sat.	3	5 ·45	2 ·04	19		Thur.	3	7 ·77	8 ·04	21
	Mon.	4	3 ·03	24 ·95	17	3	Sun.	4	6 ·53	3 ·14	20		Fri.	4	8 ·74	9 ·04	22
	Tues.	5	4 ·08	... ...	18	4	Mon.	5	7 ·58	4 ·23	21		Sat.	5	9 ·69	10 ·03	23
	Wed.	6	5 ·13	25 ·03	19	5	Tues.	6	8 ·62	5 ·30	22		Sun.	6	10 ·62	11 ·00	24
	Thur.	7	6 ·19	26 ·12	20	6	Wed.	7	9 ·64	6 ·36	23					12 ·95	
	Fri.	8	7 ·27	27 ·22	21	7	Thur.	8	10 ·62	7 ·39	24		Mon.	7	11 ·53	13 ·89	25
	Sat.	9	8 ·35	1 ·33	22	8	Fri.	9	11 ·60	8 ·40	25		Tues.	8	12 ·44	14 ·82	26
	Sun.	10	9 ·44	2 ·43	23	9	Sat.	10	12 ·57	9 ·39	26		Wed.	9	13 ·34	15 ·76	27
	Mon.	11	10 ·51	3 ·54	24	10	Sun.	11	13 ·51	10 ·36	27		Thur.	10	14 ·24	16 ·69	28
	Tues.	12	11 ·57	4 ·62	25	11	Mon.	12	14 ·43	11 ·33	28		Fri.	11	A ·14	17 ·62	29
	Wed.	13	12 ·60	5 ·68	26	12	Tues.	13	A ·85	12 ·28	29		Sat.	12	1 ·05	18 ·56	—30
	Thur.	14	13 ·61	6 ·72	27	13	Wed.	14	1 ·25	13 ·21	—30				2 ·97		
	Fri.	15	14 ·60	7 ·74	28	14	Thur.	15	2 ·15	14 ·14	1		Sun.	13	3 ·90	19 ·51	1
	Sat.	16	A ·57	8 ·75	29	15	Fri.	16	3 ·05	15 ·07	2		Mon.	14	4 ·84	20 ·48	2
	Sun.	17	1 ·53	9 ·73	—30				4 ·95				Tues.	15	5 ·80	21 ·45	3
	Mon.	18	2 ·47	10 ·70	1	16	Sat.	17	5 ·86	16 ·00	3		Wed.	16	6 ·78	22 ·45	4
	Tues.	19	3 ·40	11 ·65	2					17 ·95			Thur.	17	7 ·78	23 ·46	5
	Wed.	20	4 ·31	12 ·59	3	17	Sun.	18	6 ·77	18 ·89	4		Fri.	18	8 ·80	24 ·50	6
	Thur.	21	5 ·21	13 ·54	4	18	Mon.	19	7 ·70	19 ·84	5		Sat.	19	9 ·85	25 ·56	7
	Fri.	22	6 ·11	14 ·47	5	19	Tues.	20	8 ·64	20 ·81	6		Sun.	20	10 ·90	26 ·64	8
	Sat.	23	7 ·01	15 ·39	6	20	Wed.	21	9 ·59	21 ·79	7		Mon.	21	11 ·98	27 ·73	9
			8 ·91			21	Thur.	22	10 ·57	22 ·81	8		Tues.	22	... ...	1 ·83	10
	Sun.	24	9 ·81	16 ·33	7	22	Fri.	23	11 ·56	23 ·83	9		Wed.	23	12 ·06	2 ·94	11
	Mon.	25	10 ·72	17 ·26	8	23	Sat.	24	12 ·58	24 ·88	10		Thur.	24	13 ·15	... ...	12
	Tues.	26	11 ·64	18 ·22	9	24	Sun.	25	13 ·62	25 ·94	11		Fri.	25	14 ·24	3 ·04	13
	Wed.	27	12 ·68	19 ·18	10	25	Mon.	26	14 ·67	... ...	12		Sat.	26	P ·31	4 ·15	14
	Thur.	28	13 ·53	20 ·16	11	26	Tues.	27	P ·74	26 ·02	13		Sun.	27	1 ·38	5 ·23	15
	Fri.	29	14 ·51	21 ·15	12	27	Wed.	28	1 ·83	27 ·18	14		Mon.	28	2 ·42	6 ·29	16
	Sat.	30	P ·50	22 ·16	13	28	Thur.	29	2 ·92	1 ·23	15		Tues.	29	3 ·44	7 ·34	17
	Sun.	31	1 ·51	23 ·20	14	29	Fri.	30	... ...	2 ·34	16	—30	Wed.	30	4 ·43	8 ·36	18
	Aug.						**Oct.**						**Dec.**				
—32	Mon.	1	2 ·56	24 ·26	15	—30	Sat.	1	3 ·00	3 ·44	17	1	Thur.	1	5 ·40	9 ·38	19
1	Tues.	2	3 ·61	25 ·33	16	1	Sun.	2	4 ·08	4 ·53	18	2	Fri.	2	6 ·37	10 ·36	20
2	Wed.	3	4 ·68	26 ·42	17	2	Mon.	3	5 ·14	5 ·62	19	3	Sat.	3	7 ·31	11 ·33	21
3	Thur.	4	5 ·76	27 ·52	18	3	Tues.	4	6 ·18	6 ·67	20	4	Sun.	4	8 ·24	12 ·28	22
4	Fri.	5	6 ·85	1 ·63	19	4	Wed.	5	7 ·20	7 ·71	21	5	Mon.	5	9 ·15	13 ·22	23
5	Sat.	6	7 ·93	2 ·74	20	5	Thur.	6	8 ·20	8 ·72	22	6	Tues.	6	10 ·06	14 ·17	24
6	Sun.	7	... ...	3 ·84	21	6	Fri.	7	9 ·17	9 ·72	23				11 ·97		
7	Mon.	8	8 ·00	4 ·92	22	7	Sat.	8	10 ·13	10 ·70	24	7	Wed.	7	12 ·87	15 ·10	25
8	Tues.	9	9 ·05	5 ·99	23	8	Sun.	9	11 ·08	11 ·66	25	8	Thur.	8	13 ·77	16 ·03	26
9	Wed.	10	10 ·08	... ...	24	9	Mon.	10	12 ·00	12 ·61	26					17 ·96	
10	Thur.	11	11 ·11	6 ·04	25				13 ·92			9	Fri.	9	14 ·67	18 ·89	27
11	Fri.	12	12 ·10	7 ·07	26	10	Tues.	11	14 ·83	13 ·55	27	10	Sat.	10	A ·60	19 ·85	28
12	Sat.	13	13 ·08	8 ·08	27	11	Wed.	12	A ·73	14 ·48	28	11	Sun.	11	1 ·53	20 ·81	—29
13	Sun.	14	14 ·03	9 ·06	28	12	Thur.	13	1 ·63	15 ·41	—29	12	Mon.	12	2 ·48	21 ·78	1
			A ·98			13	Fri.	14	2 ·53	16 ·35	1	13	Tues.	13	3 ·43	22 ·77	2
				10 ·03		14	Sat.	15	3 ·44	17 ·28	2	14	Wed.	14	4 ·42	23 ·78	3
14	Mon.	15	1 ·90	11 ·99	—29	15	Sun.	16	4 ·35	18 ·22	3	15	Thur.	15	5 ·42	24 ·82	4
15	Tues.	16	2 ·81	12 ·94	1	16	Mon.	17	5 ·28	19 ·17	4	16	Fri.	16	6 ·44	25 ·87	5
16	Wed.	17	3 ·71	13 ·87	2	17	Tues.	18	6 ·22	20 ·14	5	17	Sat.	17	7 ·49	26 ·94	6
17	Thur.	18	4 ·61	14 ·80	3	18	Wed.	19	7 ·18	21 ·13	6	18	Sun.	18	8 ·55	... ...	7
18	Fri.	19	5 ·51	15 ·73	4	19	Thur.	20	8 ·16	22 ·13	7	19	Mon.	19	9 ·63	27 ·03	8
19	Sat.	20	6 ·41	16 ·66	5	20	Fri.	21	9 ·16	23 ·15	8	20	Tues.	20	10 ·72	1 ·13	9
20	Sun.	21	7 ·32	17 ·61	6	21	Sat.	22	10 ·17	24 ·19	9	21	Wed.	21	11 ·82	2 ·23	10
21	Mon.	22	8 ·23	18 ·56	7	22	Sun.	23	11 ·21	25 ·25	10	22	Thur.	22	12 ·89	3 ·35	11
22	Tues.	23	9 ·15	19 ·51	8	23	Mon.	24	12 ·27	26 ·23	11	23	Fri.	23	13 ·96	4 ·45	12
23	Wed.	24	10 ·10	20 ·48	9	24	Tues.	25	13 ·35	27 ·43	12	24	Sat.	24	... ...	5 ·53	13
24	Thur.	25	11 ·05	21 ·47	10	25	Wed.	26	14 ·44	1 ·53	13	25	Sun.	25	14 ·03	6 ·60	14
25	Fri.	26	12 ·03	22 ·48	11	26	Thur.	27	P ·53	2 ·64	14	26	Mon.	26	P ·06	7 ·65	15
26	Sat.	27	13 ·01	23 ·52	12	27	Fri.	28	1 ·61	3 ·74	15	27	Tues.	27	1 ·08	8 ·69	16
27	Sun.	28	14 ·03	24 ·57	13	28	Sat.	29	2 ·68	4 ·85	16	28	Wed.	28	2 ·08	9 ·70	17
28	Mon.	29	P ·07	25 ·64	14	29	Sun.	30	3 ·74	5 ·92	17	—29	Thur.	29	3 ·06	10 ·69	18
29	Tues.	30	1 ·13	26 ·72	15	—30	Mon.	31	4 ·78	6 ·98	18				4 ·01		
30	Wed.	31	2 ·20	27 ·82	16							1	Fri.	30	5 ·96	11 ·66	19
												2	Sat.	31	6 ·89	12 ·61	20

Piṅgala. Karkataka—Ādi. Bahula. Sukla. Śrāvana. Bhādrapada. Piṅgala. Siṁha—Āvaṇi. Bahula. Sukla. Bhādrapada. Piṅgala. Kanyā—Puraṭṭāsi. Bahula. Sukla. Āśvina. Piṅgala. Tulā—Āippasi. Bahula. Sukla. Kārttika. Piṅgala. Vṛśchika—Kārttigai. Bahula. Sukla. Mārgaśirsha. Piṅgala. Dhanus—Mārgali. Bahula. Sukla. Pausha.

H. 1150 Rabī-ul awwal. H. 1150 Jamāda'l awwal. H. 1150 Rajab. H. 1150 Jamāda'l ākhir. H. 1150 Rajab. H. 1150 Śha'bān. H. 1150 Ramazān.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1738. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 29·70.** **Śaka 1660.** **Kaliyuga 4839.**
Lunar Eclipse. ○ (Arya Sid.) **March 29·61.** **(S. Cycle) Kālayukta.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Sun.	1	7 ·80	13 ·57	21	3	Wed.	1	7 ·64	18 ·91	21	2	Mon.	1	9 ·37	24 ·40	22
4	Mon.	2	8 ·71	14 ·51	22	4	Thur.	2	8 ·55	19 ·85	22	3	Tues.	2	10 ·37	25 ·44	23
5	Tues.	3	9 ·61	15 ·44	23	5	Fri.	3	9 ·46	20 ·80	23	4	Wed.	3	11 ·40	26 ·48	24
6	Wed.	4	10 ·51	16 ·37	24	6	Sat.	4	10 ·40	21 ·76	24	5	Thur.	4	12 ·45	27 ·55	25
7	Thur.	5	11 ·41	17 ·30	25	7	Sun.	5	11 ·34	22 ·75	25	6	Fri.	5	13 ·51	1 ·64	26
8	Fri.	6	12 ·33	18 ·24	26	8	Mon.	6	12 ·31	23 ·75	26	7	Sat.	6	14 ·58	2 ·73	27
9	Sat.	7	13 ·25	19 ·18	27	9	Tues.	7	13 ·29	24 ·76	27	8	Sun.	7	—A ·66	3 ·85	28
10	Sun.	8	14 ·17	20 ·14	*H.* 1150 *Ramazán.* 28	10	Wed.	8	14 ·29	25 ·80	28	9	Mon.	8	1 ·75	4 ·96	29
11	Mon.	9	—A ·12	21 ·11	29	11	Thur.	9	—A ·33	26 ·86	29	10	Tues.	9	2 ·83	... ...	—30
12	Tues.	10	1 ·08	22 ·09	—30	12	Fri.	10	1 ·37	27 ·94	—30	11	Wed.	10	3 ·89	5 ·06	1
13	Wed.	11	2 ·07	23 ·10	1	13	Sat.	11	2 ·44	... ...	1	12	Thur.	11	4 ·94	6 ·14	2
14	Thur.	12	3 ·06	24 ·13	2	14	Sun.	12	3 ·52	1 ·04	2	13	Fri.	12	5 ·96	7 ·22	3
15	Fri.	13	4 ·10	25 ·18	3	15	Mon.	13	4 ·61	2 ·14	3	14	Sat.	13	6 ·98	8 ·27	4
16	Sat.	14	5 ·15	26 ·25	4	16	Tues.	14	5 ·70	3 ·24	4	15	Sun.	14	7 ·97	9 ·31	5
17	Sun.	15	6 ·21	27 ·33	5	17	Wed.	15	6 ·78	4 ·35	5	16	Mon.	15	8 ·94	10 ·32	6
18	Mon.	16	7 ·29	1 ·43	6	18	Thur.	16	7 ·80	5 ·45	6	17	Tues.	16	9 ·89	11 ·31	7
19	Tues.	17	8 ·38	2 ·54	7	19	Fri.	17	8 ·88	6 ·53	7	18	Wed.	17	10 ·82	12 ·29	8
20	Wed.	18	9 ·47	3 ·65	8	20	Sat.	18	9 ·92	7 ·60	8	19	Thur.	18	11 ·74	13 ·24	9
21	Thur.	19	10 ·55	4 ·75	9	21	Sun.	19	10 ·93	8 ·64	9	20	Fri.	19	12 ·64	14 ·20	10
22	Fri.	20	11 ·63	5 ·84	10	22	Mon.	20	11 ·92	9 ·66	10	21	Sat.	20	13 ·54	15 ·14	11
23	Sat.	21	12 ·68	6 ·91	11	23	Tues.	21	12 ·88	10 ·67	11	22	Sun.	21	14 ·44	16 ·07	12
24	Sun.	22	13 ·71	7 ·98	12	24	Wed.	22	13 ·84	11 ·66	12	23	Mon.	22	P ·34	17 ·00	13
25	Mon.	23	14 ·72	... ...	13	25	Thur.	23	14 ·77	12 ·62	13					18 ·93	
26	Tues.	24	P ·72	8 ·01	14	26	Fri.	24	P ·69	13 ·58	14	24	Tues	23	1 ·24	19 ·87	14
27	Wed.	25	1 ·70	9 ·02	15	27	Sat.	25	1 ·61	14 ·52	15	25	Wed.	24	2 ·14	20 ·81	15
28	Thur.	26	2 ·65	10 ·01	16	28	Sun.	26	2 ·51	15 ·45	16	26	Thur.	25	3 ·06	21 ·77	16
				11 ·99		29	Mon.	27	3 ·41	16 ·39	17				4 ·99		
—29	Fri.	27	3 ·58	12 ·96	17	30	Tues.	28	4 ·31	17 ·32	18	27	Fri.	26	5 ·94	22 ·73	17
1	Sat.	28	4 ·50	13 ·91	18	—31	Wed.	29	5 ·21	18 ·25	19	28	Sat.	27	6 ·90	23 ·72	18
2	Sun.	29	5 ·42	14 ·84	19	1	Thur.	30	6 ·12	19 ·19	20	29	Sun.	28	7 ·88	24 ·73	19
3	Mon.	30	6 ·33	15 ·77	20	2	Fri.	31	7 ·04	20 ·14	21	30	Mon.	29	8 ·87	25 ·75	20
4	Tues.	31	7 ·23	16 ·70	21				8 ·96			—31	Tues.	30	9 ·89	26 ·79	21
												1	Wed.	31	10 ·93	27 ·86	22
	Feb.						**April.**						**June.**				
5	Wed.	1	8 ·13	17 ·64	22	3	Sat.	1	9 ·90	21 ·10	22	2	Thur.	1	11 ·99	1 ·94	23
6	Thur.	2	9 ·03	18 ·58	23	4	Sun.	2	10 ·87	22 ·08	23	3	Fri.	2	... ...	... ...	24
			10 ·95			5	Mon.	3	11 ·85	23 ·07	24	4	Sat.	3	12 ·06	2 ·03	25
7	Fri.	3	11 ·87	19 ·52	24	6	Tues.	4	12 ·85	24 ·08	25	5	Sun.	4	13 ·14	3 ·14	26
8	Sat.	4	12 ·80	20 ·47	25	7	Wed.	5	13 ·88	25 ·11	26	6	Mon.	5	14 ·23	4 ·25	27
9	Sun.	5	13 ·75	21 ·44	26	8	Thur.	6	14 ·93	26 ·17	27	7	Tues.	6	—A ·30	5 ·36	28
10	Mon.	6	14 ·71	22 ·42	27	9	Fri.	7	—A ·99	27 ·25	28	8	Wed.	7	1 ·37	6 ·45	—29
11	Tues.	7	—A ·70	23 ·43	28	10	Sat.	8	... ...	1 ·34	29	9	Thur.	8	2 ·42	7 ·52	1
12	Wed.	8	1 ·69	24 ·45	—29	11	Sun.	9	1 ·07	2 ·44	—30	10	Fri.	9	3 ·45	8 ·59	2
13	Thur.	9	2 ·73	25 ·49	1	12	Mon.	10	2 ·16	3 ·54	1	11	Sat.	10	4 ·46	9 ·63	3
14	Fri.	10	3 ·77	26 ·55	2	13	Tues.	11	3 ·24	4 ·66	2	12	Sun.	11	5 ·45	10 ·64	4
15	Sat.	11	4 ·84	27 ·63	3	14	Wed.	12	4 ·32	5 ·76	3	13	Mon.	12	6 ·43	11 ·64	5
16	Sun.	12	5 ·92	1 ·74	4	15	Thur.	13	5 ·38	6 ·84	4	14	Tues.	13	7 ·37	12 ·61	6
17	Mon.	13	... ...	2 ·84	5	16	Fri.	14	6 ·43	7 ·91	5	15	Wed.	14	8 ·31	13 ·59	7
18	Tues.	14	6 ·02	3 ·95	6	17	Sat.	15	7 ·46	8 ·95	6	16	Thur.	15	9 ·23	14 ·54	8
19	Wed.	15	7 ·10	... ..	7	18	Sun.	16	8 ·47	9 ·98	7	17	Fri.	16	10 ·13	15 ·47	9
20	Thur.	16	8 ·17	4 ·05	8	19	Mon.	17	9 ·46	... ...	8				11 ·03		
21	Fri.	17	9 ·24	5 ·14	9					10 ·00		18	Sat.	17	12 ·93	16 ·41	10
22	Sat.	18	10 ·29	6 ·23	10	20	Tues.	18	10 ·43	11 ·98	9	19	Sun.	18	13 ·83	17 ·34	11
23	Sun.	19	11 ·34	7 ·29	11	21	Wed.	19	11 ·38	12 ·95	10	20	Mon.	19	14 ·73	18 ·28	12
24	Mon.	20	12 ·35	8 ·33	12	22	Thur.	20	12 ·31	13 ·91	11	21	Tues.	20	P ·64	19 ·21	13
25	Tues.	21	13 ·34	9 ·34	13	23	Fri.	21	13 ·23	14 ·85	12	22	Wed.	21	1 ·55	20 ·15	14
26	Wed.	22	14 ·31	10 ·34	14	24	Sat.	22	14 ·14	15 ·80	13	23	Thur.	22	2 ·48	21 ·10	15
27	Thur.	23	P ·26	11 ·33	15				P ·05			24	Fri.	23	3 ·42	22 ·06	16
28	Fri.	24	1 ·20	12 ·29	16	25	Sun.	23	1 ·95	16 ·73	14	25	Sat.	24	4 ·37	23 ·04	17
29	Sat.	25	2 ·12	13 ·24	17	26	Mon.	24	2 ·85	17 ·66	15	26	Sun.	25	5 ·35	24 ·05	18
			3 ·04			27	Tues.	25	3 ·75	18 ·59	16	27	Mon.	26	6 ·34	25 ·07	19
—30	Sun.	26	4 ·94	14 ·18	18	28	Wed.	26	4 ·65	19 ·53	17	28	Tues.	27	7 ·37	26 ·10	20
1	Mon.	27	5 ·84	15 ·11	19	29	Thur.	27	5 ·56	20 ·48	18	29	Wed.	28	8 ·40	27 ·16	21
2	Tues.	28	6 ·74	16 ·04	20	30	Fri.	28	6 ·49	21 ·44	19	30	Thur.	29	9 ·47	1 ·24	22
				17 ·98		—31	Sat.	29	7 ·44	22 ·41	20	31	Fri.	30	10 ·54	2 ·34	23
						1	Sun.	30	8 ·40	23 ·39	21						

Pingala. **Makara—Tai.** *Sukla.* **Māgha.** *Bahula.* **Phālguna.** **Kumbha—Māsi.** *Pingala.* *Kālayukta.* **Mīna—Pāṅguni.** *Pingala.* *Sukla.* **Chaitra.** *Bahula.* *Kālayukta.* **Mēsha—Chittirai.** *Sukla.* **Vaiśākha.** *Bahula.* *Kālayukta.* **Vrishabha—Vaigāśi.** *Sukla.* **Jyeshtha.** *Bahula.* **Āshādha.** *Bahula.* *Kālayukta.* **Mithuna—Āni.** *Sukla.* **Āshādha.** *Bahula.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1738. **Kollam 914,** Commences **{N. Malabar—Sep. / S. Malabar—Aug.** **Hijra 1151.** Commences **April 10.** **Vikrama 1795.** **Bengal San. 1144.** **(N. Cycle) Vibhava.**

A—Amāvāsyā. **P—Paurnimā.**

July.

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Kalayukta. **Karkataka—Ādi.** *Sukla.*		
—32	Sat. 1	11 ·61	3 ·45	24
1	Sun. 2	12 ·70	4 ·55	25
2	Mon. 3	13 ·78	5 ·66	26
3	Tues. 4	14 ·85	6 ·75	27
4	Wed. 5	—**A** ·89	7 ·84	28
5	Thur. 6	1 ·93	8 ·90	29
6	Fri. 7	2 ·94	9 ·94	—30
7	Sat. 8	3 ·92	10 ·96	1
8	Sun. 9	4 ·90	11 ·96	2
9	Mon. 10	5 ·85	12 ·95	3
10	Tues. 11	6 ·79	13 ·92	4
11	Wed. 12	7 ·71	14 ·87	5
12	Thur. 13	8 ·63	15 ·81	6
13	Fri. 14	9 ·53	16 ·75	7
14	Sat. 15	10 ·43	17 ·68	8
15	Sun. 16	11 ·33	18 ·61	9
16	Mon. 17	12 ·23	19 ·55	10
17	Tues. 18	13 ·13	20 ·48	11
		Śukla. **Śrāvaṇa.**		*H.* 1151 *Rabi-ul ākhir.*
18	Wed. 19	14 ·03 / **P** ·95	21 ·43	12
19	Thur. 20	1 ·89	22 ·39	13
20	Fri. 21	2 ·84	23 ·38	14
21	Sat. 22	3 ·82	24 ·37	15
22	Sun. 23	4 ·82	25 ·38	16
23	Mon. 24	5 ·84	26 ·41	17
24	Tues. 25	6 ·87	27 ·47	18
25	Wed. 26	7 ·94	1 ·55	19
26	Thur. 27	... ...	2 ·64	20
		Bahula.		
27	Fri. 28	8 ·01	3 ·74	21
28	Sat. 29	9 ·09	4 ·85	22
29	Sun. 30	10 ·17	5 ·95	23
30	Mon. 31	11 ·25	... ...	24

Aug.

		Kalayukta. **Simha—Āvaṇi.** *Sukla.*		
—31	Tues. 1	12 ·32	6 ·06	25
1	Wed. 2	13 ·37	7 ·15	26
2	Thur. 3	14 ·42	8 ·21	27
3	Fri. ● 4	—**A** ·43	9 ·26	28
4	Sat. 5	1 ·42	10 ·28	—29
5	Sun. 6	2 ·39	11 ·30	1
6	Mon. 7	3 ·35	12 ·28	2
7	Tues. 8	4 ·29	13 ·25	3
8	Wed. 9	5 ·21	14 ·21	4
9	Thur. 10	6 ·12	15 ·15	5
10	Fri. 11	7 ·02 / 8 ·92	16 ·08	6
11	Sat. 12	9 ·82	17 ·02 / 18 ·95	7
		Bahula. **Bhādrapada.**		*H.* 1151 *Jamādā'l awwal.*
12	Sun. 13	10 ·72	19 ·88	8
13	Mon. 14	11 ·62	20 ·82	9
14	Tues. 15	12 ·53	21 ·76	10
15	Wed. 16	13 ·46	22 ·73	11
16	Thur. 17	14 ·39	23 ·70	12
17	Fri. 18	**P** ·36	24 ·69	13
18	Sat. 19	1 ·34	25 ·70	14
19	Sun. 20	2 ·33	26 ·73	15
20	Mon. 21	3 ·34	27 ·79	16
21	Tues. 22	4 ·39	1 ·86	17
22	Wed. 23	5 ·45	2 ·25	18
23	Thur. 24	6 ·52	... ...	19
24	Fri. 25	7 ·60	3 ·04	20
25	Sat. 26	8 ·68	4 ·15	21
26	Sun. 27	9 ·77	5 ·26	22
27	Mon. 28	10 ·84	6 ·36	23
28	Tues. 29	11 ·89	7 ·45	24
29	Wed. 30	12 ·93	8 ·52	25
30	Thur. 31	13 ·95	9 ·57	26

Sep.

		Kāliyukta. **Kanyā—Puraṭṭāśi.** *Sukla.*		
—31	Fri. 1	14 ·94	10 ·61	27
1	Sat. 2	—**A** ·91	11 ·62	28
2	Sun. 3	1 ·88	12 ·61	29
3	Mon. 4	2 ·81	13 ·58	—30
4	Tues. 5	3 ·74	14 ·54	1
5	Wed. 6	4 ·65	15 ·48	2
6	Thur. 7	5 ·55	16 ·43	3
7	Fri. 8	6 ·45	17 ·36	4
8	Sat. 9	7 ·35	18 ·29	5
9	Sun. 10	8 ·25	19 ·22	6
10	Mon. 11	9 ·15	20 ·16	7
11	Tues. 12	10 ·07	21 ·11	8
12	Wed. 13	11 ·00 / 12 ·94	22 ·06	9
		Bahula. **Adhika Āśvina.**		*H.* 1151 *Jamāda'l ākhir.*
13	Thur. 14	13 ·89	23 ·03	10
14	Fri. 15	14 ·87	24 ·01	11
15	Sat. 16	**P** ·87	25 ·02	12
16	Sun. 17	1 ·88	26 ·05	13
17	Mon. 18	2 ·92	27 ·10	14
18	Tues. 19	3 ·98	1 ·16	15
19	Wed. 20	... ...	2 ·24	16
20	Thur. 21	4 ·06	3 ·34	17
21	Fri. 22	5 ·14	4 ·46	18
22	Sat. 23	6 ·22	5 ·56	19
23	Sun. 24	7 ·31	6 ·66	20
24	Mon. 25	8 ·39	7 ·75	21
25	Tues. 26	9 ·45	8 ·83	22
26	Wed. 27	10 ·48	9 ·88	23
27	Thur. 28	11 ·51	10 ·93	24
28	Fri. 29	12 ·49	11 ·94	25
29	Sat. 30	13 ·47	12 ·94	26

Oct.

		Kālayukta. **Tulā—Aippaśi.** *Sukla.*		
30	Sun. 1	14 ·44	13 ·91	27
—31	Mon. 2	—**A** ·38	14 ·87	28
1	Tues. 3	1 ·30	15 ·83	—29
2	Wed. 4	2 ·21	16 ·77	1
3	Thur. 5	3 ·12	17 ·70	2
4	Fri. 6	4 ·02 / 5 ·92	18 ·63	3
5	Sat. 7	6 ·82	19 ·56	4
6	Sun. 8	7 ·72	20 ·50	5
7	Mon. 9	8 ·64	21 ·44	6
8	Tues. 10	9 ·56	22 ·39	7
9	Wed. 11	10 ·51	23 ·36	8
10	Thur. 12	11 ·47	24 ·34	9
11	Fri. 13	12 ·46	25 ·35	10
12	Sat. 14	13 ·46	26 ·37	11
13	Sun. 15	14 ·47	27 ·41	12
14	Mon. 16	**P** ·51	1 ·47	13
15	Tues. 17	1 ·57	2 ·55	14
16	Wed. 18	2 ·64	3 ·65	15
17	Thur. 19	3 ·72	4 ·75	16
18	Fri. 20	4 ·82	5 ·86	17
19	Sat. 21	5 ·91	6 ·96	18
20	Sun. 22	6 ·99	... ...	19
		Bahula. **Nija Āśvina.**		*H.* 1151 *Rajab.*
21	Mon. 23	... ...	7 ·06	20
22	Tues. 24	7 ·04	8 ·13	21
23	Wed. 25	8 ·07	9 ·20	22
24	Thur. 26	9 ·10	10 ·24	23
25	Fri. 27	10 ·09	11 ·26	24
26	Sat. 28	11 ·07	12 ·26	25
27	Sun. 29	12 ·03 / 13 ·97	13 ·24	26
28	Mon. 30	14 ·89	14 ·21	27
—29	Tues. 31	—**A** ·81	15 ·17	28

Nov.

		Kālayukta. **Vṛśchika—Kārttigai.** *Sukla.*		
1	Wed. 1	1 ·72	16 ·11	29
2	Thur. 2	2 ·62	17 ·04 / 18 ·97	—30
3	Fri. 3	3 ·52	19 ·91	1
4	Sat. 4	4 ·42	20 ·84	2
5	Sun. 5	5 ·33	21 ·78	3
6	Mon. 6	6 ·25	22 ·73	4
7	Tues. 7	7 ·17	23 ·69	5
8	Wed. 8	8 ·11	24 ·67	6
9	Thur. 9	9 ·08	25 ·67	7
10	Fri. 10	10 ·07	26 ·68	8
11	Sat. 11	11 ·07	27 ·72	9
12	Sun. 12	12 ·08	1 ·77	10
13	Mon. 13	13 ·13	2 ·85	11
14	Tues. 14	14 ·20	3 ·95	12
15	Wed. 15	**P** ·27	... ...	13
16	Thur. 16	1 ·35	4 ·05	14
17	Fri. 17	2 ·45	5 ·16	15
18	Sat. 18	3 ·53	6 ·26	16
19	Sun. 19	4 ·61	7 ·36	17
		Bahula. **Kārttika.**		*H.* 1151 *Sha'bān.*
20	Mon. 20	5 ·67	8 ·45	18
21	Tues. 21	6 ·72	9 ·51	19
22	Wed. 22	7 ·73	10 ·56	20
23	Thur. 23	8 ·71	11 ·58	21
24	Fri. 24	9 ·69	12 ·59	22
25	Sat. 25	10 ·65	13 ·58	23
26	Sun. 26	11 ·59	14 ·55	24
27	Mon. 27	12 ·52	15 ·50	25
28	Tues. 28	13 ·44	16 ·44	26
29	Wed. 29	14 ·34	17 ·38	27
—30	Thur. 30	—**A** ·24	18 ·32	28

Dec.

		Kālayukta. **Dhanus—Mārgali.** *Sukla.*		
1	Fri. 1	1 ·14	19 ·25	—29
2	Sat. 2	2 ·04 / 3 ·95	20 ·18	1
3	Sun. 3	4 ·87	21 ·11	2
4	Mon. 4	5 ·81	22 ·06	3
5	Tues. 5	6 ·75	23 ·03	4
6	Wed. 6	7 ·72	24 ·00 / 25 ·99	5
7	Thur. 7	8 ·70	... ...	6
8	Fri. 8	9 ·71	26 ·00	7
9	Sat. 9	10 ·74	27 ·03	8
10	Sun. 10	11 ·77	1 ·08	9
11	Mon. 11	12 ·84	2 ·16	10
12	Tues. 12	13 ·92	3 ·25	11
13	Wed. 13	... ...	4 ·35	12
14	Thur. 14	14 ·01	5 ·45	13
15	Fri. 15	**P** ·10	6 ·56	14
16	Sat 16	1 ·18	7 ·67	15
17	Sun. 17	2 ·26	8 ·76	16
18	Mon. 18	3 ·31	9 ·82	17
19	Tues. 19	4 ·36	10 ·87	18
20	Wed. 20	5 ·37	11 ·90	19
21	Thur. 21	6 ·36	12 ·92	20
22	Fri. 22	7 ·34	13 ·91	21
23	Sat. 23	8 ·29	14 ·88	22
24	Sun. 24	9 ·23	15 ·83	23
25	Mon. 25	10 ·16	16 ·78	24
		Bahula. **Mārgaśirsha.**		*H.* 1151 *Ramazān.*
26	Tues. 26	11 ·08 / 12 ·99	17 ·73	25
27	Wed. 27	13 ·89	18 ·66	26
28	Thur. 28	14 ·79	19 ·59	27
—29	Fri. 29	—**A** ·69	20 ·52	28
1	Sat. 30	1 ·60	21 ·45	29
2	Sun. 31	2 ·52	22 ·39	—30

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1739. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·96.** **Śaka 1661.** **Kaliyuga 4840.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·87.** **(S. Cycle) Siddhārtin.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.				
Kālayukta. **Makara—Tai.** 3	Mon. 1		3 ·45	28 ·36	1
4	Tues. 2		4 ·39	24 ·33	2
5	Wed. 3		5 ·37	25 ·31	3
6	Thur. 4		9 ·35	26 ·32	4
7	Fri. 5		7 ·36	27 ·34	5
8	Sat. 6		8 ·38	1 ·40	6
9	Sun. 7		9 ·43	2 ·47	7
10	Mon. 8		10 ·49	3 ·55	8
11	Tues. 9		11 ·58	4 ·65	9
12	Wed. 10		12 ·67	5 ·75	10
13	Thur. 11		13 ·76	6 ·87	11
14	Fri. 12		14 ·84	7 ·97	12
15	Sat. ○ 13	*Sukla.* **Pausha.**	P ·91	... ...	13
16	Sun. 14		1 ·97	8 ·06	14
17	Mon. 15		... ...	9 ·13	15
18	Tues. 16		2 ·00	10 ·19	16
19	Wed. 17		3 ·01	11 ·23	17
20	Thur. 18	*Bahula.*	4 ·01 5 ·98	12 ·24	18
21	Fri. 19		6 ·94	13 ·23	19
22	Sat. 20		7 ·87	14 ·21	20
23	Sun. 21		8 ·80	15 ·17	21
24	Mon. 22		9 ·71	16 ·11	22
25	Tues. 23		10 ·61	17 ·06 18 ·99	23
26	Wed. 24		11 ·51	19 ·92	24
27	Thur. 25		12 ·41	20 ·85	25
28	Fri. 26		13 ·32	21 ·79	26
29	Sat. 27		14 ·23	22 ·74	27
—30	Sun. 28		—A ·15	23 ·69	28
1	Mon. 29		1 ·08	24 ·66	—29
2	Tues. 30		2 ·03	25 ·64	1
3	Wed. 31		3 ·00 4 ·98	26 ·64	2
	Feb.				
Kālayukta. **Kumbha—Māsi.** 4	Thur. 1		5 ·99	27 ·67	3
5	Fri. 2		... ...	1 ·71	4
6	Sat. 3	*Sukla.*	6 ·03	2 ·77	5
7	Sun. 4		7 ·08	3 ·85	6
8	Mon. 5		8 ·14	4 ·95	7
9	Tues. 6		9 ·22	... ...	8
10	Wed. 7		10 ·31	5 ·06	9
11	Thur. 8		11 ·39	6 ·17	10
12	Fri. 9		12 ·47	7 ·27	11
13	Sat. 10	**Māgha.**	13 ·54	8 ·36	12
14	Sun. 11		14 ·60	9 ·44	13
15	Mon. 12		P ·63	10 ·51	14
16	Tues. 13		1 ·64	11 ·55	15
17	Wed. 14		2 ·63	12 ·56	16
18	Thur. 15		3 ·60	13 ·56	17
19	Fri. 16		4 ·55	14 ·54	18
20	Sat. 17	*Bahula.*	5 ·48	15 ·50	19
21	Sun. 18		6 ·41	16 ·46	20
22	Mon. 19		7 ·32	17 ·40	21
23	Tues. 20		8 ·23	18 ·33	22
24	Wed. 21		9 ·13	19 ·26	23
25	Thur. 22		10 ·03 11 ·93	20 ·19	24
26	Fri. 23		12 ·84	21 ·13	25
27	Sat. 24		13 ·76	22 ·07	26
28	Sun. 25		14 ·68	23 ·02 24 ·98	27
29	Mon. 26		—A ·64	25 ·96	28
—30	Tues. 27		1 ·61	26 ·97	29
1	Wed. 28		2 ·60	27 ·98	—30

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.				
Kālayukta. **Mīna—Pāṅguni.** 2	Thur. 1		3 ·60	... ...	1
3	Fri. 2		4 ·63	1 ·02	2
4	Sat. 3		5 ·68	2 ·08	3
5	Sun. 4	*Sukla.*	6 ·74	3 ·15	4
6	Mon. 5		7 ·82	4 ·26	5
7	Tues. 6		8 ·91	5 ·36	6
8	Wed. 7		... ...	6 ·46	7
9	Thur. 8		9 ·00	7 ·57	8
10	Fri. 9		10 ·07	8 ·66	9
11	Sat. 10		11 ·13	9 ·75	10
12	Sun. 11	**Phālguna.**	12 ·19	10 ·82	11
13	Mon. 12		13 ·23	11 ·86	12
14	Tues. 13		14 ·24	12 ·88	13
15	Wed. 14		P ·22	13 ·88	14
16	Thur. 15		1 ·19	14 ·87	15
17	Fri. 16		2 ·14	15 ·84	16
18	Sat. 17		3 ·07	16 ·80	17
19	Sun. 18	*Bahula.*	4 ·00 5 ·90	17 ·74	18
20	Mon. 19		6 ·80	18 ·67	19
21	Tues. 20		7 ·70	19 ·60	20
22	Wed. 21		8 ·60	20 ·54	21
23	Thur. 22		9 ·51	21 ·47	22
24	Fri. 23		10 ·42	22 ·41	23
25	Sat. 24		11 ·34	23 ·36	24
26	Sun. 25		12 ·27	24 ·32	25
27	Mon. 26		13 ·22	25 ·30	26
28	Tues. 27		14 ·18	26 ·29	27
29	Wed. 28		—A ·17	27 ·30	28
—30	Thur. 29		1 ·17	1 ·33	—29
1	Fri. 30		2 ·20	2 ·39	1
2	Sat. 31		3 ·24	3 ·47	2
	April.				
Siddhārtin. **Mēsha—Chittirai.** 3	Sun. 1		4 ·29	4 ·56	3
4	Mon. 2		5 ·38	5 ·66	4
5	Tues. 3		6 ·47	6 ·76	5
6	Wed. 4	*Sukla.*	7 ·56	7 ·87	6
7	Thur. 5		8 ·63	8 ·97	7
8	Fri. 6		9 ·70	... ...	8
9	Sat. 7		10 ·75	9 ·06	9
10	Sun. 8		11 ·78	10 ·13	10
11	Mon. 9		12 ·79	11 ·17	11
12	Tues. 10	**Chaitra.**	13 ·77	12 ·20	12
13	Wed. 11		14 ·74	13 ·21	13
14	Thur. 12		P ·69	14 ·20	14
15	Fri. 13		1 ·62	15 ·17	15
16	Sat. 14		2 ·54	16 ·13	16
17	Sun. 15	*Bahula.*	3 ·45	17 ·07	17
18	Mon. 16		4 ·35	18 ·01 19 ·95	18
19	Tues. 17		5 ·25	20 ·88	19
20	Wed. 18		6 ·15	21 ·81	20
21	Thur. 19		7 ·05 8 ·96	22 ·74	21
22	Fri. 20		9 ·87	23 ·69	22
23	Sat. 21		10 ·80	24 ·65	23
24	Sun. 22		11 ·75	25 ·62	24
25	Mon. 23		12 ·72	26 ·61	25
26	Tues. 24		13 ·70	27 ·62	26
27	Wed. 25		14 ·70	1 ·65	27
28	Thur. 26		—A ·73	2 ·69	28
29	Fri. 27		1 ·77	3 ·77	29
30	Sat. 28		2 ·84	4 ·86	—30
—31	Sun. 29		3 ·91	5 ·95	1
1	Mon. 30		4 ·99	... ...	2

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.				
Siddhārtin. **Vṛishabha—Vaigaśi.** 2	Tues. 1		... ...	6 ·06	3
3	Wed. 2		5 ·07	7 ·17	4
4	Thur. 3		6 ·16	8 ·28	5
5	Fri. 4	*Sukla.*	7 ·22	9 ·36	6
6	Sat. 5		8 ·27	10 ·44	7
7	Sun. 6		9 ·30	11 ·49	8
8	Mon. 7		10 ·30	12 ·52	9
9	Tues. 8		11 ·29	13 ·54	10
10	Wed. 9		12 ·26	14 ·53	11
11	Thur. 10		13 ·22	15 ·50	12
12	Fri. 11		14 ·14	16 ·46	13
13	Sat. 12		P ·05 1 ·96	17 ·41	14
14	Sun. 13		2 ·86	18 ·36	15
15	Mon. 14		3 ·76	19 ·29	16
16	Tues. 15		4 ·66	20 ·22	17
17	Wed. 16		5 ·56	21 ·15	18
18	Thur. 17		6 ·46	22 ·08	19
19	Fri. 18	*Bahula.*	7 ·38	23 ·03 24 ·99	20
20	Sat. 19		8 ·31	25 ·95	21
21	Sun. 20		9 ·25	26 ·94	22
22	Mon. 21		10 ·22	27 ·94	23
23	Tues. 22		11 ·19	1 ·96	24
24	Wed. 23		12 ·20	... ...	25
25	Thur. 24		13 ·22	2 ·01	26
26	Fri. 25		14 ·28	3 ·08	27
27	Sat. 26		—A ·34	4 ·16	28
28	Sun. 27		1 ·41	5 ·25	—29
29	Mon. 28		2 ·49	6 ·36	1
30	Tues. 29		3 ·57	7 ·47	2
—31	Wed. 30		4 ·65	8 ·58	3
1	Thur. 31		5 ·71	9 ·67	4
	June.				
Siddhārtin. **Mithuna—Āni.** 2	Fri. 1		6 ·75	10 ·74	5
3	Sat. 2		7 ·78	11 ·80	6
4	Sun. 3	*Sukla.*	8 ·79	12 ·85	7
5	Mon. 4		9 ·78	13 ·86	8
6	Tues. 5		10 ·74	14 ·86	9
7	Wed. 6		11 ·70	15 ·83	10
8	Thur. 7		12 ·63	16 ·80	11
9	Fri. 8		13 ·55	17 ·75	12
10	Sat. 9	**Jyeshtha.**	14 ·45	18 ·69	13
11	Sun. 10		P ·35	19 ·63	14
12	Mon. 11		1 ·25	20 ·56	15
13	Tues. 12		2 ·15	21 ·49	16
14	Wed. 13		3 ·05 4 ·96	22 ·42	17
15	Thur. 14		5 ·88	23 ·37	18
16	Fri. 15		6 ·80	24 ·32	19
17	Sat. 16		7 ·74	25 ·28	20
18	Sun. 17	*Bahula.*	8 ·70	26 ·26	21
19	Mon. 18		9 ·67	27 ·26	22
20	Tues. 19		10 ·68	1 ·29	23
21	Wed. 20		11 ·70	2 ·32	24
22	Thur. 21		12 ·75	3 ·38	25
23	Fri. 22		13 ·80	4 ·46	26
24	Sat. 23		14 ·88	5 ·55	27
25	Sun. 24		—A ·96	6 ·66	28
26	Mon. 25		... ...	7 ·77	29
27	Tues. 26	*Sukla.*	1 ·04	8 ·88	—30
28	Wed. 27		2 ·12	9 ·97	1
29	Thur. 28		3 ·18	... ...	2
30	Fri. 29		4 ·28	10 ·05	3
31	Sat. 30		5 ·26	11 ·12	4

Nakṣh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1739. **Kollam 915,** { **N. Malabar—Sep.** **Hijra 1152.** **Vikrama 1796.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **March 20.** **Bengal San. 1145.**
P—Paurnimā. **(N. Cycle) Śukla.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
—32	Sun.	1	6 ·27	12 ·16	5	—31	Sat.	1	10 ·75	20 ·58	8	—30	Thur.	1	12 ·40	27 ·86	10
1	Mon.	2	7 ·26	13 ·18	6	1	Sun.	2	11 ·65	21 ·51	9	1	Fri.	2	13 ·37	1 ·68	11
2	Tues.	3	8 ·23	14 ·18	7	2	Mon.	3	12 ·55	22 ·44	10	2	Sat.	3	14 ·35	2 ·80	12
3	Wed.	4	9 ·18	15 ·16	8	3	Tues.	4	13 ·46	23 ·38	11	3	Sun.	4	P ·36	3 ·94	13
4	Thur.	5	10 ·11	16 ·14	9	4	Wed.	5	14 ·38	24 ·32	12	4	Mon.	5	1 ·38	4 ·99	14
			11 ·03			5	Thur.	6	P ·31	25 ·28	13	5	Tues.	6	2 ·43	... ...	15
5	Fri.	6	12 ·94	17 ·09	10	6	Fri.	7	1 ·25	26 ·25	14	6	Wed.	7	3 ·49	5 ·07	16
				18 ·03		7	Sat.	8	2 ·21	27 ·23	15	7	Thur.	8	4 ·57	6 ·16	17
6	Sat.	7	13 ·84	19 ·96	11	8	Sun.	9	3 ·18	1 ·24	16	8	Fri.	9	5 ·66	7 ·27	18
7	Sun.	8	14 ·74	20 ·89	12	9	Mon.	10	4 ·17	2 ·26	17	9	Sat.	10	6 ·74	8 ·38	19
8	Mon.	9	P ·64	21 ·82	13	10	Tues.	11	5 ·20	3 ·32	18	10	Sun.	11	7 ·82	9 ·48	20
9	Tues.	10	1 ·53	22 ·77	14	11	Wed.	12	6 ·24	4 ·38	19	11	Mon.	12	8 ·89	10 ·58	21
10	Wed.	11	2 ·43	23 ·70	15	12	Thur.	13	7 ·30	5 ·46	20	12	Tues.	13	9 ·96	11 ·66	22
11	Thur.	12	3 ·35	24 ·65	16	13	Fri.	14	8 ·37	6 ·56	21	13	Wed.	14	... ...	12 ·73	23
12	Fri.	13	4 ·27	25 ·61	17	14	Sat.	15	9 ·46	7 ·67	22	14	Thur.	15	10 ·00	13 ·78	24
13	Sat.	14	5 ·22	26 ·59	18	15	Sun.	16	10 ·54	8 ·77	23	15	Fri.	16	11 ·02	14 ·80	25
14	Sun.	15	6 ·17	27 ·59	19	16	Mon.	17	11 ·62	9 ·88	24				12 ·00		
15	Mon.	16	7 ·16	1 ·60	20	17	Tues.	18	12 ·70	10 ·97	25	16	Sat.	17	13 ·98	15 ·81	26
16	Tues.	17	8 ·16	2 ·64	21	18	Wed.	19	13 ·75	... ...	26	17	Sun.	18	14 ·94	16 ·79	27
17	Wed.	18	9 ·18	3 ·69	22	19	Thur.	20	14 ·79	11 ·05	27	18	Mon.	19	—A ·87	17 ·77	28
18	Thur.	19	10 ·21	4 ·76	23	20	Fri.	21	—A ·81	12 ·10	28	19	Tues.	20	1 ·80	18 ·72	—29
19	Fri.	20	11 ·27	5 ·86	24	21	Sat.	22	1 ·80	13 ·14	—29	20	Wed.	21	2 ·72	19 ·66	1
20	Sat.	21	12 ·34	6 ·96	25	22	Sun.	23	2 ·78	14 ·16	1	21	Thur.	22	3 ·62	20 ·60	2
21	Sun.	22	13 ·42	... ...	26	23	Mon.	24	3 ·75	15 ·16	2	22	Fri.	23	4 ·52	21 ·53	3
22	Mon.	23	14 ·51	7 ·07	27	24	Tues.	25	4 ·67	16 ·13	3	23	Sat.	24	5 ·42	22 ·46	4
23	Tues.	24	—A ·59	8 ·18	28	25	Wed.	26	5 ·58	17 ·09	4	24	Sun.	25	6 ·33	23 ·40	5
24	Wed.	25	1 ·66	9 ·28	—29					18 ·04		25	Mon.	26	7 ·24	24 ·33	6
25	Thur.	26	2 ·70	10 ·37	1	26	Thur.	27	6 ·49	19 ·99	5	26	Tues.	27	8 ·15	25 ·28	7
26	Fri.	27	3 ·74	11 ·43	2	27	Fri.	28	7 ·40	20 ·92	6	27	Wed.	28	9 ·09	26 ·24	8
27	Sat.	28	4 ·76	12 ·48	3	28	Sat.	29	8 ·31	21 ·85	7	28	Thur.	29	10 ·04	27 ·21	9
28	Sun.	29	5 ·74	13 ·50	4	29	Sun.	30	9 ·21	22 ·78	8				11 ·00		
29	Mon.	30	6 ·71	14 ·51	5							—29	Fri.	30	12 ·99	1 ·21	10
30	Tues.	31	7 ·66	15 ·49	6												
	Aug.						**Oct.**						**Dec.**				
—31	Wed.	1	8 ·60	16 ·47	7	30	Mon.	1	10 ·11	23 ·71	9	1	Sat.	1	... ...	2 ·22	11
1	Thur.	2	9 ·52	17 ·42	8	—31	Tues.	2	11 ·02	24 ·66	10	2	Sun.	2	13 ·00	3 ·25	12
2	Fri.	3	10 ·43	18 ·37	9				12 ·94			3	Mon.	3	14 ·02	4 ·30	13
3	Sat.	4	11 ·33	19 ·30	10	1	Wed.	3	13 ·87	25 ·61	11	4	Tues.	4	P ·07	5 ·37	14
4	Sun.	5	12 ·23	20 ·23	11	2	Thur.	4	14 ·81	26 ·58	12	5	Wed.	5	1 ·14	6 ·47	15
5	Mon.	6	13 ·13	21 ·17	12	3	Fri.	5	P ·77	27 ·56	13	6	Thur.	6	2 ·22	7 ·57	16
			14 ·03			4	Sat.	6	1 ·75	1 ·56	14	7	Fri.	7	3 ·31	8 ·68	17
6	Tues.	7	P ·94	22 ·10	13	5	Sun.	7	2 ·76	2 ·58	15	8	Sat.	8	4 ·41	9 ·78	18
				23 ·04		6	Mon.	8	3 ·77	3 ·63	16	9	Sun.	9	5 ·48	10 ·88	19
7	Wed.	8	1 ·85	24 ·98	14	7	Tues.	9	4 ·81	4 ·69	17	10	Mon.	10	6 ·54	11 ·98	20
8	Thur.	9	2 ·77	25 ·94	15	8	Wed.	10	5 ·87	5 ·77	18	11	Tues.	11	7 ·60	.. ...	21
9	Fri.	10	3 ·71	26 ·92	16	9	Thur.	11	6 ·95	6 ·86	19	12	Wed.	12	8 ·64	12 ·04	22
10	Sat.	11	4 ·67	27 ·91	17	10	Fri.	12	... ...	7 ·96	20	13	Thur.	13	9 ·66	13 ·09	23
11	Sun.	12	5 ·64	1 ·92	18	11	Sat.	13	7 ·03	... ...	21	14	Fri.	14	10 ·65	14 ·12	24
12	Mon.	13	6 ·65	2 ·95	19	12	Sun.	14	8 ·12	8 ·08	22	15	Sat.	15	11 ·63	15 ·13	25
13	Tues.	14	7 ·67	... ...	20	13	Mon.	15	9 ·21	9 ·18	23	16	Sun.	16	12 ·58	16 ·13	26
14	Wed.	15	8 ·71	3 ·00	21	14	Tues.	16	10 ·28	10 ·28	24	17	Mon.	17	13 ·52	17 ·10	27
15	Thur.	16	9 ·78	4 ·08	22	15	Wed.	17	11 ·34	11 ·35	25	18	Tues.	18	14 ·44	18 ·05	28
16	Fri.	17	10 ·85	5 ·16	23	16	Thur.	18	12 ·37	12 ·41	26	19	Wed.	19	—A ·35	19 ·00	29
17	Sat.	18	11 ·92	6 ·26	24	17	Fri.	19	13 ·39	13 ·46	27					20 ·93	
18	Sun.	19	... ...	7 ·37	25	18	Sat.	20	14 ·38	14 ·48	28	20	Thur.	20	1 ·26	21 ·86	—30
19	Mon.	20	12 ·01	8 ·47	26	19	Sun	21	—A ·36	15 ·48	29	21	Fri.	21	2 ·16	22 ·80	1
20	Tues.	21	13 ·09	9 ·57	27	20	Mon.	22	1 ·33	16 ·46	—30	22	Sat.	22	3 ·06	23 ·73	2
21	Wed.	22	14 ·16	10 ·67	28	21	Tues.	23	2 ·26	17 ·42	1				4 ·97		
22	Thur.	23	—A ·21	11 ·74	29	22	Wed.	24	3 ·18	18 ·39	2	23	Sun.	23	5 ·88	24 ·67	3
23	Fri.	24	1 ·25	12 ·79	—30	23	Thur.	25	4 ·09	19 ·33	3	24	Mon.	24	6 ·79	25 ·61	4
24	Sat.	25	2 ·27	13 ·82	1				5 ·00			25	Tues.	25	7 ·73	26 ·57	5
25	Sun.	26	3 ·25	14 ·83	2	24	Fri.	26	6 ·90	20 ·26	4	26	Wed.	26	8 ·68	27 ·55	6
26	Mon.	27	4 ·23	15 ·83	3	25	Sat.	27	7 ·80	21 ·19	5	27	Thur.	27	9 ·64	1 ·53	7
27	Tues.	28	5 ·19	16 ·80	4	26	Sun.	28	8 ·70	22 ·12	6	28	Fri.	28	10 ·63	2 ·54	8
28	Wed.	29	6 ·12	17 ·76	5	27	Mon.	29	9 ·61	23 ·06	7	29	Sat.	29	11 ·64	3 ·56	9
			7 ·04							24 ·00		—30	Sun.	30	12 ·67	4 ·61	10
29	Thur.	30	8 ·95	18 ·70	6	28	Tues.	30	Kārt. 10 ·53	25 ·96	8	1	Mon.	31	13 ·72	5 ·69	11
30	Fri.	31	9 ·85	19 ·64	7	29	Wed.	31	11 ·46	26 ·91	9						

Siddhārtin. **Karkataka—Ādi.** *Śukla.* **Āshādha.** *Bahula.* *H.* 1152 *Rabi-ul ākhir.* *Siddhārtin.* **Kanyā—Purattāsi.** *Śukla.* **Śrāvaṇa.** *Bahula.* *H.* 1152 *Jamādal awwal.* *Siddhārtin.* **Tulā—Aippasi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 1152 *Jamādal ākhir.* *Siddhārtin.* **Vṛiśchika—Kārttigai.** *Śukla.* **Āśvina.** *Bahula.* *H.* 1152 *Rajab.* *Siddhārtin.* **Dhanus—Mārgaḷi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1152 *Sha'bān.* *Siddhārtin.* **Siṁha—Āvaṇi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 1152 *Śha'bān.* *Siddhārtin.* **Tulā—Aippasi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1152 *Śhawwāl.* *Siddhārtin.* **Dhanus—Mārgaḷi.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H.* 1152 *Ramaẓān.* *Siddhārtin.* **Siṁha—Āvaṇi.** *Śukla.* **Āshādha.** *Bahula.* *H.* 1152 *Jamādal awwal.* *Siddhārtin.* **Kanyā—Puraṭṭāsi.** *Śukla.* **Śrāvaṇa.** *Bahula.* *H.* 1152 *Rajab.* *Siddhārtin.* **Vṛiśchika—Kārttigai.** *Śukla.* **Āśvina.** *Bahula.* *H.* 1152 *Śha'bān.* *Siddhārtin.* **Dhanus—Mārgaḷi.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H.* 1152 *Śhawwāl.* *Siddhārtin.* **Karkataka—Ādi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 1152 *Ramaẓān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1740. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·22.** **Śaka 1662.** **Kaliyuga 4841.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·13.** **(S. Cycle) Raudra.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Siddhārtin. **Makara—Tai.**	**Jan.**			
2	Tues. 1	**Pausha.** 14 ·78	6 ·77	12
3	Wed.○ 2	P ·86	7 ·87	13
4	Thur. 3	1 ·96	8 ·97	14
5	Fri. 4	... ...	... ...	15
6	Sat. 5	2 ·05	9 ·08	16
7	Sun. 6	3 ·13	10 ·19	17
8	Mon. 7	4 ·20	11 ·28	18
9	Tues. 8	5 ·25	12 ·35	19
10	Wed. 9	6 ·29	13 ·41	20
11	Thur. 10	*Bahula.* 7 ·30	14 ·44	21
12	Fri. 11	8 ·29	15 ·45	22
13	Sat. 12	9 ·27	16 ·45	23
14	Sun. 13	10 ·21	17 ·43	24
15	Mon. 14	11 ·15	18 ·39	25
16	Tues. 15	12 ·07 13 ·99	19 ·33	26
17	Wed. 16	14 ·89	20 ·27	27
18	Thur. 17	—A ·79	21 ·21	28
19	Fri. 18	1 ·69	22 ·14	—29
20	Sat. 19	2 ·60	23 ·07	1
21	Sun. 20	3 ·51	24 ·01 25 ·95	2
22	Mon. 21	4 ·43	26 ·91	3
23	Tues. 22	5 ·37	27 ·88	4
24	Wed. 23	6 ·32	1 ·86	5
25	Thur. 24	7 ·28	2 ·86	6
26	Fri. 25	8 ·28	3 ·88	7
27	Sat. 26	9 ·29	4 ·93	8
28	Sun. 27	10 ·32	5 ·99	9
—29	Mon. 28	11 ·36	... ...	10
1	Tues. 29	12 ·43	6 ·02	11
2	Wed. 30	13 ·51	7 ·17	12
3	Thur. 31	14 ·61	8 ·27	13
Siddhārtin. **Kumbha—Māśi.**	**Feb.**			
4	Fri. 1	**Māgha.** P ·69	9 ·39	*H.* 1152 *Zi-l-ka'da.* 14
5	Sat. 2	1 ·77	10 ·49	15
6	Sun. 3	2 ·84	11 ·58	16
7	Mon. 4	3 ·89	12 ·66	17
8	Tues. 5	4 ·92	13 ·72	18
9	Wed. 6	5 ·93	14 ·76	19
10	Thur. 7	6 ·93	15 ·78	20
11	Fri. 8	*Bahula.* 7 ·90	16 ·78	21
12	Sat. 9	8 ·84	17 ·76	22
13	Sun. 10	9 ·77	18 ·72	23
14	Mon. 11	10 ·69	19 ·67	24
15	Tues. 12	11 ·61	20 ·62	25
16	Wed. 13	12 ·52	21 ·55	26
17	Thur. 14	13 ·42	22 ·48	27
18	Fri. 15	14 ·32	23 ·41	28
19	Sat. 16	—A ·22	24 ·34	29
20	Sun. 17	1 ·13	25 ·29	—30
21	Mon. 18	2 ·05 3 ·99	26 ·24	1
22	Tues. 19	4 ·94	27 ·20	2
23	Wed. 20	5 ·91	1 ·18	3
24	Thur. 21	6 ·89	2 ·18	4
25	Fri. 22	7 ·90	3 ·20	5
26	Sat. 23	8 ·93	4 ·24	6
27	Sun. 24	9 ·97	5 ·30	7
28	Mon. 25	... ...	6 ·37	8
29	Tues. 26	*Sukla.* 10 ·04	7 ·47	9
—30	Wed. 27	**Phal.** 11 ·14	8 ·57	10
1	Thur. 28	12 ·23	9 ·69	11
2	Fri. 29	13 ·31	10 ·79	12
Siddhārtin. **Mīna—Paiguni.**	**March.**			
3	Sat. 1	**Phālguna.** 14 ·39	11 ·89	13
4	Sun. 2	P ·45	12 ·97	14
5	Mon. 3	1 ·49	... ...	15
6	Tues. 4	2 ·53	13 ·03	16
7	Wed. 5	3 ·53	14 ·08	17
8	Thur. 6	4 ·52	15 ·10	18
9	Fri. 7	5 ·48	16 ·10	19
10	Sat. 8	6 ·43	17 ·09	20
11	Sun. 9	*Bahula.* 7 ·37	18 ·05	21
12	Mon. 10	8 ·30	19 ·00 20 ·94	*H.* 1152 *Zi-l-hijja.* 22
13	Tues. 11	9 ·21	21 ·88	23
14	Wed. 12	10 ·11	22 ·81	24
15	Thur. 13	11 ·00 12 ·90	23 ·74	25
16	Fri. 14	13 ·81	24 ·68	26
17	Sat. 15	14 ·72	25 ·61	27
18	Sun. 16	—A ·64	26 ·57	28
19	Mon. 17	1 ·57	27 ·53	—29
20	Tues. 18	2 ·52	1 ·51	1
21	Wed. 19	3 ·49	2 ·50	2
22	Thur. 20	4 ·47	3 ·51	3
23	Fri. 21	*Sukla.* 5 ·48	4 ·55	4
24	Sat. 22	6 ·51	5 ·61	5
25	Sun. 23	7 ·56	6 ·68	6
26	Mon. 24	8 ·63	7 ·77	7
27	Tues. 25	9 ·71	8 ·88	8
28	Wed. 26	10 ·80	9 ·98	9
29	Thur. 27	**Chaitra.** 11 ·88	... ...	10
—30	Fri. 28	12 ·96	10 ·08	11
1	Sat. 29	... ...	11 ·18	12
2	Sun. 30	13 ·02	12 ·27	13
3	Mon. 31	14 ·06	13 ·35	14
Raudra. **Mēsha—Chittirai.**	**April.**			
4	Tues. 1	P ·09	14 ·40	*H.* 1153 *Muharram.* 15
5	Wed. 2	1 ·10	15 ·42	16
6	Thur. 3	2 ·08	16 ·43	17
7	Fri. 4	3 ·04 4 ·99	17 ·41	18
8	Sat. 5	5 ·92	18 ·39	19
9	Sun. 6	6 ·85	19 ·35	20
10	Mon. 7	7 ·76	20 ·29	21
11	Tues. 8	8 ·66	21 ·23	22
12	Wed. 9	*Bahula.* 9 ·56	22 ·16	23
13	Thur. 10	10 ·46	23 ·10	24
14	Fri. 11	11 ·36	24 ·03 25 ·96	25
15	Sat. 12	12 ·26	26 ·91	26
16	Sun. 13	13 ·18	27 ·86	27
17	Mon. 14	14 ·12	1 ·84	28
18	Tues. 15	—A ·07	2 ·83	29
19	Wed. 16	1 ·03	3 ·84	—30
20	Thur. 17	2 ·01	4 ·87	1
21	Fri. 18	3 ·02	5 ·91	2
22	Sat. 19	4 ·04	6 ·99	3
23	Sun. 20	*Sukla.* 5 ·09	... ...	4
24	Mon. 21	6 ·15	7 ·08	5
25	Tues. 22	7 ·24	8 ·17	6
26	Wed. 23	8 ·33	9 ·28	7
27	Thur. 24	9 ·41	10 ·39	8
28	Fri. 25	10 ·48	11 ·49	9
29	Sat. 26	11 ·54	12 ·58	10
30	Sun. 27	12 ·59	13 ·66	11
—31	Mon. 28	**Vaiśākha.** 13 ·61	14 ·71	12
1	Tues. 29	14 ·63	15 ·74	18
2	Wed. 30	P ·61	16 ·75	14
Raudra. **Vrishabha—Vaigāśi.**	**May.**			
3	Thur. 1	**Phālguna.** 14 ·39	11 ·89	13
4	Fri. 2	P ·45	12 ·97	14
5	Sat. 3	1 ·49	... ...	15
6	Sun. 4	2 ·53	13 ·03	16
7	Mon. 5	3 ·53	14 ·08	17
8	Tues. 6	4 ·52	15 ·10	18
9	Wed. 7	5 ·48	16 ·10	19
10	Thur. 8	6 ·43	17 ·09	20
11	Fri. 9	*Bahula.* 7 ·37	18 ·05	21
12	Sat. 10	8 ·30	19 ·00 20 ·94	*H.* 1152 *Zi-l-hijja.* 22
13	Sun. 11	9 ·21	21 ·88	23
14	Mon. 12	10 ·11	22 ·81	24
15	Tues. 13	11 ·00 12 ·90	23 ·74	25
16	Wed. 14	13 ·81	24 ·68	26
17	Thur. 15	14 ·72	25 ·61	27
18	Fri. 16	—A ·64	26 ·57	28
19	Sat. 17	1 ·57	27 ·53	—29
20	Sun. 18	2 ·52	1 ·51	1
21	Mon. 19	3 ·49	2 ·50	2
22	Tues. 20	4 ·47	3 ·51	3
23	Wed. 21	5 ·48	4 ·55	4
24	Thur. 22	6 ·51	5 ·61	5
25	Fri. 23	7 ·56	6 ·68	6
26	Sat. 24	8 ·63	7 ·77	7
27	Sun. 25	9 ·71	8 ·88	8
28	Mon. 26	10 ·80	9 ·98	9
29	Tues. 27	11 ·88	... ...	10
30	Wed. 28	12 ·96	10 ·08	11
—31	Thur. 29	13 ·02	11 ·18	12
1	Fri. 30	14 ·06	12 ·27	13
2	Sat. 31	*Sukla.* 15 ·09	13 ·35	14
Raudra. **Mithuna—Āni.**	**June.**			
3	Sun. 1	P ·09	14 ·40	*H.* 1153 *Muharram.* 15
4	Mon. 2	1 ·10	15 ·42	16
5	Tues. 3	2 ·08	16 ·43	17
6	Wed. 4	3 ·04 4 ·99	17 ·41	18
7	Thur. 5	5 ·92	18 ·39	19
8	Fri. 6	6 ·85	19 ·35	20
9	Sat. 7	7 ·76	20 ·29	21
10	Sun. 8	8 ·66	21 ·23	22
11	Mon. 9	*Bahula.* 9 ·56	22 ·16	23
12	Tues. 10	10 ·46	23 ·10	24
13	Wed. 11	11 ·36	24 ·03 25 ·96	25
14	Thur. 12	12 ·26	26 ·91	26
15	Fri. 13	—A ·26	27 ·86	27
16	Sat. 14	1 ·07	7 ·68	—30
17	Sun. 15	2 ·14	8 ·77	1
18	Mon. 16	3 ·21	9 ·88	2
19	Tues. 17	4 ·28	10 ·99	3
20	Wed. 18	*Sukla.* 5 ·37	... ...	4
21	Thur. 19	6 ·45	11 ·10	5
22	Fri. 20	7 ·52	12 ·19	6
23	Sat. 21	8 ·56	13 ·27	7
24	Sun. 22	9 ·59	14 ·33	8
25	Mon. 23	10 ·60	15 ·38	9
26	Tues. 24	**Āshādha.** 11 ·58	16 ·40	10
27	Wed. 25	12 ·55	17 ·40	11
28	Thur. 26	13 ·49	18 ·38	12
29	Fri. 27	14 ·42	19 ·35	13
30	Sat.○ 28	P ·34	20 ·30	14
31	Sun. 29	1 ·25	21 ·25	15
—32	Mon. 30	2 ·15	22 ·18	*H.* 1153 *Rabi-ul ākhir.* 16

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāt. 16. Vi. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1740. **Kollam 916,** { **N. Malabar—Sep.** **Hijra 1153.** **Vikrama 1797.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **March 18.** **Bengal San. 1146.**
P—Paurnimā. **(N. Cycle) Pramoda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
1	Tues.	1	3 ·05 / 4 ·95	23 ·11	17	—31	Mon.	1	7 ·49	4 ·46	20	1	Sat.	1	9 ·95	10 ·48	22
2	Wed.	2	5 ·85	24 ·04 / 25 ·98	18	1	Tues.	2	8 ·50	5 ·48	21	2	Sun.	2	.. ..	11 ·60	23
3	Thur.	3	6 ·76	26 ·92	19	2	Wed.	3	9 ·51	6 ·53	22	3	Mon.	3	10 ·04	12 ·70	24
4	Fri.	4	7 ·67	27 ·87	20	3	Thur.	4	10 ·56	7 ·60	23	4	Tues.	4	11 ·12	13 ·80	25
5	Sat.	5	8 ·60	1 ·83	21	4	Fri.	5	11 ·62	8 ·68	24	5	Wed.	5	12 ·20	14 ·88	26
6	Sun.	6	9 ·54	2 ·81	22	5	Sat.	6	12 ·70	9 ·78	25	6	Thur.	6	13 ·25	15 ·94	27
7	Mon.	7	10 ·50	3 ·80	23	6	Sun.	7	13 ·79	10 ·89	26	7	Fri.	7	14 ·29	... ...	28
8	Tues.	8	11 ·48	4 ·82	24	7	Mon.	8	14 ·87	11 ·99	27	8	Sat.	8	—**A** ·30	16 ·00	—29
9	Wed.	9	12 ·48	5 ·86	25	8	Tues.	9	—**A** ·94	... ...	28	9	Sun.	9	1 ·29	17 ·02	1
10	Thur.	10	13 ·51	6 ·91	26	9	Wed.	10	... ...	12 ·09	—29	10	Mon.	10	2 ·27	18 ·03	2
11	Fri.	11	14 ·54	7 ·98	27	10	Thur.	11	1 ·01	13 ·19	1	11	Tues.	11	3 ·22	19 ·01 / 20 ·98	3
12	Sat.	12	—**A** ·61	... ...	28	11	Fri.	12	2 ·07	14 ·27	2	12	Wed.	12	4 ·16	21 ·94	4
13	Sun.	13	1 ·68	8 ·07	—29	12	Sat.	13	3 ·10	15 ·32	3	13	Thur.	13	5 ·09	22 ·88	5
14	Mon.	14	2 ·76	9 ·18	1	13	Sun.	14	4 ·11	16 ·36	4	14	Fri.	14	6 ·00 / 7 ·91	23 ·82	6
15	Tues.	15	3 ·84	10 ·29	2	14	Mon.	15	5 ·10	17 ·37	5	15	Sat.	15	8 ·81	24 ·75	7
16	Wed.	16	4 ·93	11 ·40	3	15	Tues.	16	6 ·08	18 ·38	6	16	Sun.	16	9 ·71	25 ·68	8
17	Thur.	17	5 ·99	12 ·49	4	16	Wed.	17	7 ·03 / 8 ·96	19 ·35	7	17	Mon.	17	10 ·61	26 ·62	9
18	Fri.	18	... ...	13 ·58	5	17	Thur.	18	9 ·89	20 ·31	8	18	Tues.	18	11 ·52	27 ·55	10
19	Sat.	19	6 ·03	14 ·65	6	18	Fri.	19	10 ·80	21 ·26	9	19	Wed.	19	12 ·44	1 ·50	11
20	Sun.	20	7 ·07	15 ·70	7	19	Sat.	20	11 ·70	22 ·20	10	20	Thur.	20	13 ·37	2 ·46	12
21	Mon.	21	8 ·08	16 ·72	8	20	Sun.	21	12 ·60	23 ·14	11	21	Fri.	21	14 ·32	3 ·43	13
22	Tues.	22	9 ·06	17 ·73	9	21	Mon.	22	13 ·50	24 ·07	12	22	Sat.	22	**P** ·29	4 ·42	14
23	Wed.	23	10 ·03 / 11 ·98	18 ·71	10	22	Tues.	23	14 ·40	25 ·00 / 26 ·93	13	23	Sun.	23	1 ·27	5 ·44	15
24	Thur.	24	12 ·92	19 ·68	11	23	Wed.	24	**P** ·30	27 ·87	14	24	Mon.	24	2 ·28	6 ·47	16
25	Fri.	25	13 ·83	20 ·63	12	24	Thur.	25	1 ·23	1 ·83	15	25	Tues.	25	3 ·32	7 ·52	17
26	Sat.	26	14 ·74	21 ·59	13	25	Fri.	26	2 ·16	2 ·80	16	26	Wed.	26	4 ·36	8 ·59	18
27	Sun.	27	**P** ·64	22 ·52	14	26	Sat.	27	3 ·11	3 ·78	17	27	Thur.	27	5 ·43	9 ·68	19
28	Mon.	28	1 ·54	23 ·45	15	27	Sun.	28	4 ·06	4 ·78	18	28	Fri.	28	6 ·50	10 ·79	20
29	Tues.	29	2 ·44	24 ·38	16	28	Mon.	29	5 ·05	5 ·80	19	—29	Sat.	29	7 ·58	11 ·90	21
30	Wed.	30	3 ·34	25 ·31	17	29	Tues.	30	6 ·06	6 ·85	20	1	Sun.	30	8 ·67	... ...	22
31	Thur.	31	4 ·25	26 ·26	18												
	Aug.						**Oct.**						**Dec.**				
—32	Fri.	1	5 ·16	27 ·20	19	—30	Wed.	1	7 ·08	7 ·91	21	2	Mon.	1	9 ·77	12 ·00	23
1	Sat.	2	6 ·09	1 ·16	20	1	Thur.	2	8 ·13	8 ·99	22	3	Tues.	2	10 ·84	13 ·10	24
2	Sun.	3	7 ·02 / 8 ·99	2 ·13	21	2	Fri.	3	9 ·18	... ...	23	4	Wed.	3	11 ·89	14 ·19	25
3	Mon.	4	9 ·97	3 ·13	22	3	Sat.	4	10 ·26	9 ·08	24	5	Thur.	4	12 ·93	15 ·26	26
4	Tues.	5	10 ·98	4 ·14	23	4	Sun.	5	11 ·36	10 ·19	25	6	Fri.	5	13 ·94	16 ·31	27
5	Wed.	6	11 ·99	5 ·17	24	5	Mon.	6	12 ·44	11 ·29	26	7	Sat.	6	14 ·93	17 ·34	28
6	Thur.	7	... ...	6 ·22	25	6	Tues.	7	13 ·51	12 ·40	27	8	Sun.	7	—**A** ·91	18 ·35	29
7	Fri.	8	12 ·04	7 ·29	26	7	Wed.	8	14 ·58	13 ·50	28	9	Mon.	8	1 ·86	19 ·34	—30
8	Sat.	9	13 ·10	8 ·38	27	8	Thur.	9	**A** ·64	14 ·58	29	10	Tues.	9	2 ·79	20 ·31	1
9	Sun.	10	14 ·17	9 ·48	28	9	Fri.	10	1 ·67	15 ·63	—30	11	Wed.	10	3 ·71	21 ·27	2
10	Mon.	11	—**A** ·26	10 ·59	29	10	Sat.	11	2 ·70	16 ·67	1	12	Thur.	11	4 ·63	22 ·22	3
11	Tues.	12	1 ·34	11 ·69	—30	11	Sun.	12	3 ·68	17 ·70	2	13	Fri.	12	5 ·53	23 ·15	4
12	Wed.	13	2 ·42	12 ·79	1	12	Mon.	13	4 ·66	18 ·70	3	14	Sat.	13	6 ·43	24 ·09	5
13	Thur.	14	3 ·48	13 ·89	2	13	Tues.	14	5 ·61	19 ·68	4	15	Sun.	14	7 ·34	25 ·01 / 26 ·95	6
14	Fri.	15	4 ·53	14 ·96	3	14	Wed.	15	6 ·55	20 ·64	5	16	Mon.	15	8 ·25	27 ·89	7
15	Sat.	16	5 ·56	... ...	4	15	Thur.	16	7 ·47	21 ·60	6	17	Tues.	16	9 ·16	1 ·83	8
16	Sun.	17	6 ·58	15 ·01	5	16	Fri.	17	8 ·38	22 ·55	7	18	Wed.	17	10 ·08	2 ·79	9
17	Mon.	18	7 ·57	16 ·04	6	17	Sat.	18	9 ·29	23 ·48	8	19	Thur.	18	11 ·01 / 12 ·96	3 ·76	10
18	Tues.	19	8 ·53	17 ·05	7	18	Sun.	19	10 ·19	24 ·41	9	20	Fri.	19	13 ·94	4 ·75	11
19	Wed.	20	9 ·48	18 ·04	8	19	Mon.	20	11 ·09 / 12 ·99	25 ·34	10	21	Sat.	20	14 ·92	5 ·76	12
20	Thur.	21	10 ·42	19 ·02 / 20 ·98	9	20	Tues.	21	13 ·90	26 ·27	11	22	Sun.	21	**P** ·93	6 ·78	13
21	Fri.	22	11 ·35	21 ·92	10	21	Wed.	22	14 ·82	27 ·22	12	23	Mon.	22	1 ·96	7 ·83	14
22	Sat.	23	12 ·26	22 ·86	11	22	Thur.	23	**P** ·75	1 ·17	13	24	Tues.	23	... ...	8 ·90	15
23	Sun.	24	13 ·16	23 ·19	12	23	Fri.	24	1 ·70	2 ·13	14	25	Wed.	24	2 ·01	9 ·99	16
24	Mon.	25	14 ·06 / **P** ·96	24 ·73	13	24	Sat.	25	2 ·66	3 ·10	15	26	Thur.	25	3 ·08	.. ...	17
25	Tues.	26	1 ·86	25 ·66	14	25	Sun.	26	3 ·65	4 ·10	16	27	Fri.	26	4 ·15	10 ·09	18
26	Wed.	27	2 ·76	26 ·60	15	26	Mon.	27	4 ·65	5 ·11	17	28	Sat.	27	5 ·25	11 ·19	19
27	Thur.	28	3 ·68	27 ·54	16	27	Tues.	28	5 ·67	6 ·16	18	29	Sun.	28	6 ·34	12 ·30	20
28	Fri.	29	4 ·61	1 ·49	17	28	Wed.	29	6 ·72	7 ·22	19	—30	Mon.	29	7 ·42	13 ·40	21
29	Sat.	30	5 ·56	2 ·47	18	29	Thur.	30	7 ·79	8 ·29	20	1	Tues.	30	8 ·49	14 ·50	22
30	Sun.	31	6 ·51	3 ·45	19	—30	Fri.	31	8 ·87	9 ·38	21	2	Wed.	31	9 ·55	15 ·57	23

Raudra. Karkataka—Ādi. **Kanyā—Purattāsi.** **Vriśchika—Kārttigai.**
Sinha—Āvani. **Tulā—Aippasi.** **Dhanus—Mārgali.**
Bhādrapada. **Āśvina.** **Kārttika.** **Mārgaśirsha.**
Śrāvaṇa. **Bahula.** **Śukla.** **Pausha.**
H. 1153 *Jamāda'l awwal.* **H. 1153** *Rabi-ul ākhir.* **H. 1153** *Rajab.* **H. 1153** *Sha'bān.* **H. 1153** *Ramazān.* **H. 1153** *Shawwāl.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1741. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·48.** **Śaka 1663.** **Kaliyuga 4842.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·39.** **(S. Cycle) Durmati.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
3	Thur. 1	10 ·57	16 ·63	24
4	Fri. 2	11 ·58	17 ·66	25
5	Sat. 3	12 ·58	18 ·67	26
6	Sun. 4	13 ·55	19 ·66	27
7	Mon. 5	14 ·50	20 ·65	28
8	Tues. 6	—**A** ·43	21 ·61	--29
9	Wed. 7	1 ·36	22 ·55	1
10	Thur. 8	2 ·27	23 ·49	2
11	Fri. 9	3 ·17	24 ·42	3
12	Sat. 10	4 ·07 5 ·97	25 ·36	4
13	Sun. 11	6 ·88	26 ·29	5
14	Mon. 12	7 ·72	27 ·23	6
15	Tues. 13	8 ·72	1 ·17	7
16	Wed. 14	9 ·65	2 ·12	8
17	Thur. 15	10 ·60	3 ·10	9
18	Fri. 16	11 ·58	4 ·08	10
19	Sat. 17	12 ·56	5 ·08	11
20	Sun. 18	13 ·57	6 ·10	12
21	Mon. 19	14 ·60	7 ·14	13
22	Tues. 20	**P** ·66	8 ·21	14
23	Wed. 21	1 ·73	9 ·29	15
24	Thur. 22	2 ·81	10 ·39	16
25	Fri. 23	3 ·90	11 ·49	17
26	Sat. 24	4 ·99	12 ·60	18
27	Sun. 25	... ...	13 ·70	19
28	Mon. 26	5 ·07	14 ·80	20
—29	Tues. 27	6 ·13	15 ·88	21
1	Wed. 28	7 ·18	16 ·94	22
2	Thur. 29	8 ·21	17 ·98	23
3	Fri. 30	9 ·23	18 ·99	24
4	Sat. 31	10 ·21	... ...	25
	Feb.			
5	Sun. 1	11 ·18	19 ·00 20 ·98	26
6	Mon. 2	12 ·12	21 ·94	27
7	Tues. 3	13 ·06 14 ·98	22 ·89	28
8	Wed. 4	—**A** ·89	23 ·83	29
9	Thur. 5	1 ·80	24 ·77	—30
10	Fri. 6	2 ·71	25 ·70	1
11	Sat. 7	3 ·61	26 ·63	2
12	Sun. 8	4 ·51	27 ·56	3
13	Mon. 9	5 ·41	1 ·50	4
14	Tues. 10	6 ·33	2 ·46	5
15	Wed. 11	7 ·27	3 ·42	6
16	Thur. 12	8 ·23	4 ·40	7
17	Fri. 13	9 ·20	5 ·40	8
18	Sat. 14	10 ·19	6 ·41	9
19	Sun. 15	11 ·19	7 ·46	10
20	Mon. 16	12 ·23	8 ·52	11
21	Tues. 17	13 ·28	9 ·59	12
22	Wed. 18	14 ·35	10 ·69	13
23	Thur. 19	**P** ·44	11 ·79	14
24	Fri. 20	1 ·53	12 ·90	15
25	Sat. 21	2 ·61	... .	16
26	Sun. 22	3 ·68	13 ·01	17
27	Mon. 23	4 ·74	14 ·10	18
28	Tues. 24	5 ·80	15 ·19	19
29	Wed. 25	6 ·83	16 ·25	20
—30	Thur. 26	7 ·84	17 ·29	21
1	Fri. 27	8 ·82	18 ·32	22
2	Sat. 28	9 ·79	19 ·32	23
	March.			
3	Sun. 1	10 ·73	20 ·31	24
4	Mon. 2	11 ·66	21 ·27	25
5	Tues. 3	12 ·58	22 ·22	26
6	Wed. 4	13 ·49	23 ·18	27
7	Thur. 5	14 ·40	24 ·11	28
8	Fri. 6	—**A** ·30	25 ·04 26 ·97	29
9	Sat. 7	1 ·20	27 ·90	—30
10	Sun. 8	2 ·10	1 ·85	1
11	Mon. 9	3 ·01 4 ·94	2 ·79	2
12	Tues. 10	5 ·87	3 ·75	3
13	Wed. 11	6 ·83	4 ·73	4
14	Thur. 12	7 ·79	5 ·72	5
15	Fri. 13	8 ·78	6 ·73	6
16	Sat. 14	9 ·78	7 ·77	7
17	Sun. 15	10 ·82	8 ·83	8
18	Mon. 16	11 ·87	9 ·90	9
19	Tues. 17	12 ·94	10 ·99	10
20	Wed. 18	... ...	... ..	11
21	Thur. 19	13 ·02	11 ·09	12
22	Fri. 20	14 ·11	12 ·20	13
23	Sat. 21	**P** ·20	13 ·31	14
24	Sun. 22	1 ·27	14 ·41	15
25	Mon. 23	2 ·33	15 ·49	16
26	Tues. 24	3 ·38	16 ·56	17
27	Wed. 25	4 ·41	17 ·61	18
28	Thur. 26	5 ·41	18 ·64	19
29	Fri. 27	6 ·39	19 ·65	20
—30	Sat. 28	7 ·35	20 ·63	21
1	Sun. 29	8 ·30	21 ·60	22
2	Mon. 30	9 ·23	22 ·57	23
3	Tues. 31	10 ·15	23 ·51	24
	April.			
4	Wed. 1	11 ·06 12 ·96	24 ·45	25
5	Thur. 2	13 ·86	25 ·38	26
6	Fri. 3	14 ·76	26 ·31	27
7	Sat. 4	—**A** ·66	27 ·24	28
8	Sun. 5	1 ·57	1 ·18	29
9	Mon. 6	2 ·49	2 ·13	—30
10	Tues. 7	3 ·42	3 ·08	1
11	Wed. 8	4 ·38	4 ·05	2
12	Thur. 9	5 ·34	5 ·04	3
13	Fri. 10	6 ·33	6 ·06	4
14	Sat. 11	7 ·33	7 ·09	5
15	Sun. 12	8 ·36	8 ·13	6
16	Mon. 13	9 ·41	9 ·20	7
17	Tues. 14	10 ·48	10 ·29	8
18	Wed. 15	11 ·57	11 ·40	9
19	Thur. 16	12 ·66	12 ·50	10
20	Fri. 17	13 ·74	13 ·61	11
21	Sat. 18	14 ·80	14 ·71	12
22	Sun. 19	**P** ·86	15 ·79	13
23	Mon. 20	1 ·91	16 ·88	14
24	Tues. 21	2 ·94	17 ·93	15
25	Wed. 22	3 ·94	18 ·96	16
26	Thur. 23	4 ·93	19 ·97	17
27	Fri. 24	5 ·89	20 ·96	18
28	Sat. 25	6 ·83	21 ·94	19
29	Sun. 26	7 ·76	22 ·90	20
30	Mon. 27	8 ·67	23 ·85	21
—31	Tues. 28	9 ·58	24 ·79	22
1	Wed. 29	10 ·48	25 ·72	23
2	Thur. 30	11 ·38	26 ·65	24
	May.			
3	Fri. 1	12 ·28	27 ·59	25
4	Sat. 2	13 ·18	1 ·52	26
5	Sun. 3	14 ·09	2 ·46	27
6	Mon. 4	**A** 01 1 ·94	3 ·42	28
7	Tues. 5	2 ·89	4 ·38	--29
8	Wed. 6	3 ·86	5 ·38	1
9	Thur. 7	4 ·84	6 ·38	2
10	Fri. 8	5 ·85	7 ·40	3
11	Sat. 9	6 ·88	8 ·45	4
12	Sun. 10	7 ·92	9 ·51	5
13	Mon. 11	8 ·99	10 ·60	6
14	Tues. 12	... ...	11 ·69	7
15	Wed. 13	9 ·07	12 ·80	8
16	Thur. 14	10 ·16	13 ·91	9
17	Fri. 15	11 ·24	... ...	10
18	Sat. 16	12 ·31	14 ·01	11
19	Sun. 17	13 ·38	15 ·11	12
20	Mon. 18	14 ·42	16 ·18	13
21	Tues. 19	**P** ·41	17 ·24	14
22	Wed. 20	1 ·44	18 ·28	15
23	Thur. 21	2 ·43	19 ·29	16
24	Fri. 22	3 ·39	20 ·29	17
25	Sat. 23	4 ·34	21 ·27	18
26	Sun. 24	5 ·27	22 ·24	19
27	Mon. 25	6 ·18	23 ·18	20
28	Tues. 26	7 ·08 8 ·98	24 ·12	21
29	Wed. 27	9 ·88	25 ·06 26 ·99	22
30	Thur. 28	10 ·78	27 ·92	23
31	Fri. 29	11 ·68	1 ·86	24
—32	Sat. 30	12 ·59	2 ·80	25
1	Sun. 31	13 ·50	3 ·75	26
	June.			
2	Mon. 1	14 ·43	4 ·72	27
3	Tues. ● 2	**A** ·38	5 ·70	28
4	Wed. 3	1 ·35	6 ·70	29
5	Thur. 4	2 ·33	7 ·72	—30
6	Fri. 5	3 ·33	8 ·75	1
7	Sat. 6	4 ·36	9 ·82	2
8	Sun. 7	5 ·41	10 ·90	3
9	Mon. 8	6 ·46	11 ·99	4
10	Tues. 9	7 ·54	... .	5
11	Wed. 10	8 ·63	12 ·10	6
12	Thur. 11	9 ·71	13 ·20	7
13	Fri. 12	10 ·78	14 ·32	8
14	Sat. 13	11 ·85	15 ·41	9
15	Sun. 14	12 ·89	16 ·49	10
16	Mon. 15	13 ·92	17 ·55	11
17	Tues. 16	14 ·93	18 ·59	12
18	Wed. 17	**P** ·90	19 ·61	13
19	Thur. 18	1 ·86	20 ·62	14
20	Fri. 19	2 ·81	21 ·60	15
21	Sat. 20	3 ·75	22 ·57	16
22	Sun. 21	4 ·66	23 ·52	17
23	Mon. 22	5 ·57	24 ·46	18
24	Tues. 23	6 ·48	25 ·40	19
25	Wed. 24	7 ·38	26 ·33	20
26	Thur. 25	8 ·26	27 ·26	21
27	Fri. 26	9 ·16	1 ·19	22
28	Sat. 27	10 ·06 11 ·98	2 ·13	23
29	Sun. 28	12 ·91	3 ·09	24
30	Mon. 29	13 ·86	4 ·05	25
—31	Tues. 30	14 ·82	5 ·03	26

Raudra. **Makara—Tai.** *Śukla.* *Pausha.* *H. 1153 Zi-l-ka'da.*
Raudra. **Kumbha—Māśi.** *Śukla.* *Phālguna.* *Bahula.* *H. 1153 Zi-l-hijja*
Raudra. **Mīna—Paṅguni.** *Śukla.* *Chaitra.* *Bahula.* *H. 1154 Mu'arram.*
Durmati. **Mēsha—Chittirai.** *Śukla.* *Vaiśākha.* *Bahula.* *H. 1154 Śafar*
Durmati. **Vṛishabha—Vaigāśi.** *Śukla.* *Jyeshṭha.* *Bahula.* *H. 1154 Rabi-ul awwal.*
Durmati. **Mithuna—Āni.** *Śukla.* *Āshādha.* *Bahula.* *H. 1154 Rabi-ul ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1741. **Kollam 917,** Commences {**N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1154.** Commences **March 8.** **Vikrama 1798.** **Bengal San. 1147.** **(N. Cycle) Prajāpati.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Durmati. **Karkataka—Ādi.**	Wed.	1	—**A** ·80	6 ·02	27	——31	Tues.	1	2 ·09	13 ·11	1	1	Sun.	1	4 ·59	19 ·21	3
	Thur.	2	1 ·81	7 ·03	28	1	Wed.	2	3 ·18	14 ·21	2	2	Mon.	2	5 ·58	20 ·24	4
	Fri.	3	2 ·83	8 ·08	—29	2	Thur.	3	4 ·26	15 ·31	3	3	Tues.	3	6 ·55	21 ·24	5
	Sat.	4	3 ·88	9 ·13	1	3	Fri.	4	5 ·33	16 ·40	4	4	Wed.	4	7 ·51	22 ·22	6
	Sun.	5	4 ·94	10 ·20	2	4	Sat.	5	6 ·38	17 ·49	5	5	Thur.	5	8 ·44	23 ·20	7
	Mon.	6	... ...	11 ·29	3	5	Sun.	6	7 ·42	18 ·54	6	6	Fri.	6	9 ·36	24 ·15	8
	Tues.	7	5 ·02	12 ·39	4	6	Mon.	7	8 ·43	19 ·58	7	7	Sat.	7	10 ·27	25 ·09	9
	Wed.	8	6 ·10	13 ·50	5	7	Tues.	8	9 ·42	20 ·59	8	8	Sun.	8	11 ·18	26 ·04 / 27 ·97	10
	Thur.	9	7 ·18	14 ·62	6	8	Wed.	9	10 ·38	21 ·58	9						
	Fri.	10	8 ·25	15 ·71	7	9	Thur.	10	11 ·33	22 ·57	10	9	Mon.	9	12 ·08 / 13 ·98	1 ·90	11
	Sat.	11	9 ·32	16 ·80	8	10	Fri.	11	12 ·27	23 ·53	11						
	Sun.	12	10 ·37	17 ·86	9	11	Sat.	12	13 ·19	24 ·48	12	10	Tues.	10	14 ·89	2 ·83	12
	Mon.	13	11 ·40	18 ·91	10	12	Sun.	13	14 ·10	25 ·42	18	11	Wed.	11	**P** ·80	3 ·76	13
	Tues.	14	12 ·41	19 ·94	11	13	Mon.	14	**P** ·00 / 1 ·90	26 ·35	14	12	Thur.	12	1 ·73	4 ·71	14
	Wed.	15	13 ·38	20 ·95	12							13	Fri.	13	2 ·66	5 ·68	15
	Thur.	16	14 ·35	21 ·93	13	14	Tues.	15	2 ·80	27 ·29	15	14	Sat.	14	3 ·61	6 ·65	16
	Fri.	17	**P** ·30	22 ·90	14	15	Wed.	16	3 ·70	1 ·22	16	15	Sun.	15	4 ·57	7 ·64	17
	Sat.	18	1 ·23	23 ·85	15	16	Thur.	17	4 ·60	2 ·15	17	16	Mon.	16	5 ·56	8 ·65	18
	Sun.	19	2 ·15	24 ·81	16	17	Fri.	18	5 ·52	3 ·09	18	17	Tues.	17	6 ·57	9 ·69	19
	Mon.	20	3 ·06 / 4 ·96	25 ·74	17	18	Sat.	19	6 ·46	4 ·04	19	18	Wed.	18	7 ·59	10 ·74	20
						19	Sun.	20	7 ·41	5 ·01	20	19	Thur.	19	8 ·64	11 ·81	21
	Tues.	21	5 ·86	26 ·67	18	20	Mon.	21	8 ·37	6 ·00	21	20	Fri.	20	9 ·72	12 ·90	22
	Wed.	22	6 ·76	27 ·60	19	21	Tues.	22	9 ·35	7 ·00	22	21	Sat.	21	10 ·80	... ...	23
	Thur.	23	7 ·66	1 ·53	20	22	Wed.	23	10 ·35	8 ·02	23	22	Sun.	22	11 ·88	13 ·00	24
	Fri.	24	8 ·56	2 ·48	21	23	Thur.	24	11 ·38	9 ·06	24	23	Mon.	23	12 ·96	14 ·11	25
	Sat.	25	9 ·47	3 ·43	22	24	Fri.	25	12 ·42	10 ·12	25	24	Tues.	24	... ...	15 ·22	26
	Sun.	26	10 ·40	4 ·38	23	25	Sat.	26	13 ·49	11 ·21	26	25	Wed.	25	13 ·05	16 ·32	27
	Mon.	27	11 ·35	5 ·35	24	26	Sun.	27	14 ·56	12 ·30	27	26	Thur.	26	14 ·13	17 ·41	28
	Tues.	28	12 ·31	6 ·34	25	27	Mon.	28	—**A** ·65	13 ·40	28	27	Fri.	27	**A** ·18	18 ·47	29
	Wed.	29	13 ·29	7 ·36	26	28	Tues.	29	1 ·74	14 ·51	29	28	Sat.	28	1 ·22	19 ·52	—30
	Thur.	30	14 ·29	8 ·39	27	29	Wed.	30	2 ·83	15 ·61	30	29	Sun.	29	2 ·23	20 ·56	1
	Fri.	31	—**A** ·32	9 ·44	28							——30	Mon.	30	3 ·21	21 ·57	2
	Aug.						**Oct.**						**Dec.**				
·32	Sat.	1	1 36	10 ·51	29	——30	Thur.	1	3 ·90	16 ·72	1	1	Tues.	1	4 ·18	22 ·56	3
1	Sun.	2	2 ·43	11 ·59	—30	1	Fri.	2	4 ·95	17 ·80	2	2	Wed.	2	5 ·14	23 ·53	4
2	Mon.	3	3 ·50	12 ·69	1	2	Sat.	3	5 ·98	18 ·85	3	3	Thur.	3	6 ·07 / 7 ·99	24 ·48	5
3	Tues.	4	4 ·58	13 ·81	2	3	Sun.	4	6 ·99	19 ·89	4						
4	Wed.	5	5 ·67	14 ·91	3	4	Mon.	5	7 ·98	20 ·91	5	4	Fri.	4	8 ·90	25 ·44	6
5	Thur.	6	6 ·75	... ..	4	5	Tues.	6	8 ·95	21 ·92	6	5	Sat.	5	9 ·81	26 ·37	7
6	Fri.	7	7 ·82	15 ·01	5	6	Wed.	7	9 ·91	22 ·90	7	6	Sun.	6	10 ·71	27 ·30	8
7	Sat.	8	8 ·86	16 ·10	6	7	Thur.	8	10 ·84	23 ·86	8	7	Mon.	7	11 ·61	1 ·23	9
8	Sun.	9	9 ·89	17 ·17	7	8	Fri.	9	11 ·76	24 ·81	9	8	Tues.	8	12 ·52	2 ·17	10
9	Mon.	10	10 ·90	18 ·23	8	9	Sat.	10	12 ·67	25 ·75	10	9	Wed.	9	13 ·43	3 ·11	11
10	Tues.	11	11 ·88	19 ·26	9	10	Sun.	11	13 ·57	26 ·68	11	10	Thur.	10	14 ·35	4 ·05	12
11	Wed.	12	12 ·85	20 ·27	10	11	Mon.	12	14 ·47	27 ·63	12					5 ·01	
12	Thur.	13	13 ·80	21 ·26	11	12	Tues.	13	**P** ·37	1 ·56	13	11	Fri.	11	**P** ·29	6 ·98	13
13	Fri.	14	14 ·74	22 ·23	12	13	Wed.	14	1 ·28	2 ·49	14	12	Sat.	12	1 ·25	7 ·96	14
14	Sat.	15	**P** ·65	23 ·20	13	14	Thur.	15	2 ·19	3 ·43	15	13	Sun.	13	2 ·22	8 ·98	15
15	Sun.	16	1 ·56	24 ·14	14	15	Fri.	16	3 ·11	4 ·38	16	14	Mon.	14	3 ·21	... ...	16
16	Mon.	17	2 ·46	25 ·08	15	16	Sat.	17	4 ·04 / 5 ·99	5 ·35	17	15	Tues.	15	4 ·22	9 ·00	17
17	Tues.	18	3 ·36	26 ·01 / 27 ·94	16							16	Wed.	16	5 ·24	10 ·05	18
						17	Sun.	18	6 ·96	6 ·31	18	17	Thur.	17	6 ·30	11 ·12	19
18	Wed.	19	4 ·26	1 ·88	17	18	Mon.	19	7 ·94	7 ·32	19	18	Fri.	18	7 ·37	12 ·20	20
19	Thur.	20	5 ·16	2 ·81	18	19	Tues.	20	8 ·95	8 ·33	20	19	Sat.	19	8 ·45	13 ·30	21
20	Fri.	21	6 ·07 / 7 ·99	3 ·76	19	20	Wed.	21	9 ·97	9 ·37	21	20	Sun.	20	9 ·54	14 ·41	22
						21	Thur.	22	... ...	10 ·43	22	21	Mon.	21	10 ·63	15 ·52	23
21	Sat.	22	8 ·92	4 ·71	20	22	Fri.	23	10 ·02	11 ·51	23	22	Tues.	22	11 ·71	16 ·62	24
22	Sun.	23	9 ·87	5 ·68	21	23	Sat.	24	11 ·09	12 ·60	24	23	Wed.	23	12 ·78	17 ·71	25
23	Mon.	24	10 ·82	6 ·66	22	24	Sun.	25	12 ·17	13 ·71	25	24	Thur.	24	13 ·83	18 ·78	26
24	Tues.	25	11 ·81	7 ·68	23	25	Mon.	26	13 ·26	14 ·81	26	25	Fri.	25	14 ·86	19 ·85	27
25	Wed.	26	12 ·81	8 ·70	24	26	Tues.	27	14 ·35	15 ·92	27	26	Sat.	26	—**A** ·87	20 ·88	28
26	Thur.	27	13 ·83	9 ·75	25	27	Wed.	28	—**A** ·43	... ...	28	27	Sun.	27	1 ·86	21 ·89	—29
27	Fri.	28	14 ·87	10 ·81	26	28	Thur.	29	1 ·49	16 ·02	—29	28	Mon.	28	2 ·83	22 ·88.	1
28	Sat.	29	—**A** ·94	11 ·90	27	29	Fri.	30	2 ·55	17 ·10	1	——29	Tues.	29	3 ·78	23 ·86	2
29	Sun.	30	... ...	... .	28	—— 30	Sat.	31	3 ·59	18 ·16	2	1	Wed.	30	4 ·72	24 ·83	3
30	Mon.	31	1 ·01	12 ·00	—29							2	Thur.	31	5 64	25 ·77	4

Durmati. **Siṁha—Āvani.** *Śukla.* **Nija Śrāvaṇa.** *Bahula.* **Adhika Śrāvaṇa.** *Śukla.* **Bhādrapada.** *Bahula.* **Kanyā—Puraṭṭāsi.** *Durmati.* **Tulā—Aippasi.** *Śukla.* **Āśvina.** *Bahula.* **Vṛśchika—Karttigai.** *Durmati.* **Dhanus—Mārgali.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Kārttika.** *Śukla.* **Pauṣha.** *Durmati.* **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* **Kumbha—Māsi.** *Śukla.* **Phālguna.** *Bahula.* **Mīna—Paṅguni.** *Durmati.* **Meshā—Chittirai.** *Śukla.* **Vaiśākha.** *Bahula.* **Vṛshabha—Vaigāsi.** *Durmati.* **Mithuna—Āni.** *Śukla.* **Jyeshā.** *Bahula.* **Karkataka—Āḍi.** *Durmati.*

H. 1154 *Jamāda'l awwal.* *H.* 1154 *Rajab.* *H.* 1154 *Sha'bān.* *H.* 1154 *Ramazān.* *H.* 1154 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1742. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·74.** **Śaka 1664.** **Kaliyuga 4843.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·65.** **(S. Cycle) Dundubhi.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Durmati. **Makara—Tai.** 3	Fri.	1	6 ·55	26 ·71	5	3	Mon.	1	6 ·39	3 ·12	5	2	Sat.	1	8 ·15	10 ·62	7
4	Sat.	2	7 ·46	27 ·64	6	4	Tues.	2	7 ·30	4 ·06	6	3	Sun.	2	9 ·17	11 ·66	8
5	Sun.	3	8 ·36	1 ·57	7	5	Wed.	3	8 ·22	5 ·00 / 6 ·97	7	4	Mon.	3	10 ·20	12 ·73	9
6	Mon.	4	9 ·26	2 ·51	8				*Śukla.*			5	Tues.	4	11 ·25	13 ·81	10
7	Tues.	5	10 ·17	3 ·45	9	6	Thur.	4	9 ·16	7 ·95	8	6	Wed.	5	12 ·32	14 ·91	11
8	Wed.	6	11 ·08	4 ·39	10	7	Fri.	5	10 ·11	8 ·94	9	7	Thur.	6	13 ·40	... ...	12
9	Thur.	7	12 ·00 / 13 ·92	5 ·34	11	8	Sat.	6	11 ·09	9 ·95	10	8	Fri.	7	14 ·48	15 ·02	13
			Śukla.			9	Sun.	7	12 ·07	10 ·98	11	9	Sat.○	8	P ·57	16 ·13	14
10	Fri.	8	14 ·89	6 ·30	12	10	Mon.	8	13 ·09	... ...	12	10	Sun.	9	1 ·64	17 ·23	15
11	Sat.	9	P ·86	7 ·30	13	11	Tues.	9	14 ·13	11 ·05	13	11	Mon.	10	2 ·69	18 ·32	16
12	Sun.	10	1 ·85	8 ·30	14	*Durmati.* 12	Wed.	10	P ·18	12 ·12	14	*Dundubhi.* 12	Tues.	11	3 ·74	19 ·39	17
13	Mon.	11	2 ·86	9 ·32	15	**Mina—Panguni.** 13	Thur.	11	1 ·26	13 ·21	15	**Vrishabha—Vaigāśi.** 13	Wed.	12	4 ·76	20 ·46	18
14	Tues.	12	3 ·89	10 ·36	16	14	Fri.	12	2 ·34	14 ·31	16	14	Thur.	13	5 ·76	21 ·50	19
15	Wed.	13	4 ·96	11 ·42	17	15	Sat.	13	3 ·42	15 ·41	17	15	Fri.	14	6 ·74	22 ·51	20
16	Thur.	14	... ...	12 ·50	18	16	Sun.	14	4 ·51	16 ·53	18	16	Sat.	15	7 ·71	23 ·51	21
17	Fri.	15	5 ·03	13 ·60	19	17	Mon.	15	5 ·59	17 ·63	19	17	Sun.	16	8 ·65	24 ·48	22
18	Sat.	16	6 ·10	14 ·71	20	18	Tues.	16	6 ·64	18 ·71	20	18	Mon.	17	9 ·58	25 ·46	23
19	Sun.	17	7 ·19	15 ·82	21	19	Wed.	17	7 ·69	19 ·78	21	19	Tues.	18	10 ·49	26 ·40	24
20	Mon.	18	8 ·29	16 ·92	22	20	Thur.	18	8 ·72	20 ·83	22	20	Wed.	19	11 ·39	27 ·34	25
21	Tues.	19	9 ·36	... ...	23	21	Fri.	19	9 ·71	21 ·86	23	21	Thur.	20	12 ·29	1 ·28	26
22	Wed.	20	10 ·43	17 ·01	24	22	Sat.	20	10 ·69	22 ·87	24	22	Fri.	21	13 ·19	2 ·20	27
23	Thur.	21	11 ·48	18 ·10	25	23	Sun.	21	11 ·65	23 ·85	25				*Śukla.*		
24	Fri.	22	12 ·51	19 ·16	26	24	Mon.	22	12 ·60	24 ·82	26	23	Sat.●	22	14 ·09 / A ·99	3 ·14	28
25	Sat.	23	13 ·51	20 ·20	27	25	Tues.	23	13 ·53	25 ·78	27	24	Sun.	23	1 ·90	4 ·08	29
26	Sun.	24	14 ·49	21 ·21	28	26	Wed.	24	14 ·45	26 ·72	28	25	Mon.	24	2 ·82	5 ·02 / 6 ·97	—30
27	Mon.	25	—A ·47	22 ·21	29	27	Thur.	25	—A ·36	27 ·67	29						
28	Tues.	26	1 ·41	23 ·20	—30	28	Fri.	26	1 ·25	1 ·60	—30	26	Tues.	25	3 ·75	7 ·93	1
—29	Wed.	27	2 ·34	24 ·16	1	29	Sat.	27	2 ·15	2 ·53	1	27	Wed.	26	4 ·70	8 ·92	2
1	Thur.	28	3 ·26	25 ·11	2	30	Sun.	28	3 ·05 / 4 ·96	3 ·46	2	28	Thur.	27	5 ·67	9 ·92	3
2	Fri.	29	4 ·18	26 ·05 / 27 ·98	3							29	Fri.	28	6 ·66	10 ·94	4
						—31	Mon.	29	5 ·87	4 ·41	3	30	Sat.	29	7 ·66	11 ·97	5
3	Sat.	30	5 ·08 / 6 ·98	1 ·92	4	1	Tues.	30	6 ·79	5 ·35	4	—31	Sun.	30	8 ·69	... ...	6
4	Sun.	31	7 ·88	2 ·84	5	2	Wed.	31	7 ·72	6 ·30	5	1	Mon.	31	9 ·74	12 ·03	7
	Feb.						**April.**						**June.**				
Durmati. **Kumbha—Māgi.** 5	Mon.	1	8 ·78	3 ·78	6	3	Thur.	1	8 ·67	7 ·27	6	2	Tues.	1	10 ·79	13 ·12	8
6	Tues.	2	9 ·70	4 ·72	7	4	Fri.	2	9 ·65	8 ·26	7	3	Wed.	2	11 ·88	14 ·21	9
7	Wed.	3	10 ·62	5 ·67	8	5	Sat.	3	10 ·64	9 ·27	8	4	Thur.	3	12 ·96	15 ·32	10
8	Thur.	4	11 ·56	6 ·63	9	6	Sun.	4	11 ·65	10 ·31	9	5	Fri.	4	13 ·94	16 ·42	11
9	Fri.	5	12 ·51	7 ·62	10	7	Mon.	5	12 ·68	11 ·35	10	6	Sat.	5	... ..	17 ·53	12
10	Sat.	6	13 ·49	8 ·62	11	8	Tues.	6	13 ·74	12 ·42	11	7	Sun.	6	14 ·11	18 ·62	13
11	Sun.	7	14 ·48	9 ·63	12	9	Wed.	7	14 ·81	13 ·51	12	8	Mon.	7	P ·18	19 ·71	14
12	Mon.	8	P ·49	10 ·67	13	10	Thur.	8	... ...	14 ·61	13	9	Tues.	8	1 ·23	20 ·77	15
13	Tues.	9	1 ·53	11 ·73	14	11	Fri.	9	P ·90	15 ·72	14	10	Wed.	9	2 ·25	21 ·81	16
14	Wed.	10	2 ·58	12 ·82	15	12	Sat.	10	1 ·98	16 ·83	15	11	Thur.	10	3 ·25	22 ·83	17
15	Thur.	11	3 ·65	13 ·91	16	13	Sun.	11	2 ·06	17 ·98	16	12	Fri.	11	4 ·23	23 ·83	18
16	Fri.	12	4 ·73	... ...	17	14	Mon.	12	3 ·12	... ...	17	13	Sat.	12	5 ·19	24 ·82	19
17	Sat.	13	5 ·83	14 ·01	18	15	Tues.	13	4 ·18	18 ·02	18	14	Sun.	13	6 ·13	25 ·79	20
18	Sun.	14	6 ·91	15 ·12	19	16	Wed.	14	5 ·23	19 ·09	19	15	Mon.	14	7 ·06 / 8 ·98	26 ·74	21
19	Mon.	15	7 ·98	16 ·22	20	17	Thur.	15	6 ·25	20 ·15	20	16	Tues.	15	9 ·89	27 ·68	22
20	Tues.	16	... ...	17 ·32	21	18	Fri.	16	7 ·26	21 ·18	21	17	Wed.	16	10 ·79	1 ·61	23
21	Wed.	17	8 ·05	18 ·41	22	19	Sat.	17	8 ·24	22 ·19	22	18	Thur.	17	11 ·68	2 ·55	24
22	Thur.	18	9 ·09	19 ·47	23	20	Sun.	18	9 ·20	23 ·18	23	19	Fri.	18	12 ·58	3 ·48	25
23	Fri.	19	10 ·13	20 ·51	24	21	Mon.	19	10 ·15	24 ·15	24	20	Sat.	19	13 ·48	4 ·41	26
24	Sat.	20	11 ·13	21 ·53	25	22	Tues.	20	11 ·07 / 12 ·98	25 ·11	25	21	Sun.	20	14 ·39	5 ·35	27
25	Sun.	21	12 ·12	22 ·54	26				*Śukla.*			22	Mon.	21	—A ·31	6 ·30	28
26	Mon.	22	13 ·08	23 ·53	27	23	Wed.	21	13 ·89	26 ·07	26	23	Tues.	22	1 ·24	7 ·27	—29
27	Tues	23	14 ·03 / A ·95	24 ·49	28	24	Thur.	22	14 ·79	27 ·01 / 1 ·94	27	24	Wed.	23	2 ·18	8 ·24	1
28	Wed.	24	1 ·87	25 ·44	—29	25	Fri.	23	—A ·69	2 ·87	28	25	Thur.	24	3 ·14	9 ·24	2
9	Thur	25	2 ·79	26 ·30	1	26	Sat.	24	1 ·59	3 ·80	—29	26	Fri.	25	4 ·13	10 ·25	3
—30	Fri.	26	3 ·70	27 ·33	2	27	Sun.	25	2 ·49	4 ·74	1	27	Sat.	26	5 ·14	11 ·29	4
1	Sat.	27	4 ·60	1 ·26	3	28	Mon.	26	3 ·40	5 ·68	2	28	Sun.	27	6 ·16	12 ·34	5
2	Sun.	28	5 ·49	2 ·19	4	29	Tues.	27	*Śukla.* 4 ·32	6 ·64	3	29	Mon.	28	*Śukla.* 7 ·21	13 ·42	6
						30	Wed.	28	5 ·25	7 ·60	4	30	Tues.	29	8 ·28	14 ·51	7
						—31	Thur.	29	6 ·21	8 ·59	5	31	Wed.	30	9 ·35	15 ·62	8
						1	Fri.	30	7 ·17	9 ·60	6						

H. 1154 Zi-l-ka'da. *H. 1154 Zi-l-hijja.* *H. 1155 Muharram.* *H. 1155 Safar.* *H. 1155 Rabi-ul awwal.* *H. 1155 Rabi-ul akhir.*

Nakshatra:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1742. **Kollam 918,** { **N. Malabar—Sep.** **Hijra 1155.** **Vikrama 1799.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 25.** **Bengal San. 1148.**
P—Paurnimā. **(N. Cycle) Aṅgiras.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.			
Dundubhi. **Karkaṭaka—Ādi.**					
—32	Thur. 1		10 ·43	16 ·72	9
1	Fri. 2		11 ·52	17 ·83	10
2	Sat. 3		12 ·59	18 ·93	11
3	Sun. 4		13 ·65	... ...	12
4	Mon. 5		14 ·70	19 ·02	13
5	Tues. 6		P ·73	20 ·08	14
6	Wed. 7		1 ·73	21 ·13	15
7	Thur. 8		2 ·71	22 ·15	16
8	Fri. 9		3 ·67	23 ·17	17
9	Sat. 10		4 ·61	24 ·15	18
10	Sun. 11		5 ·54	25 ·12	19
11	Mon. 12		6 ·46	26 ·07	20
12	Tues. 13	*Bahula.*	7 ·37	27 ·02 / 1 ·96	21
13	Wed. 14		8 ·27	2 ·89	22
14	Thur. 15		9 ·17	3 ·82	23
15	Fri. 16		10 ·07 / 11 ·07	4 ·75	24
16	Sat. 17		12 ·88	5 ·69	25
17	Sun. 18		13 ·79	6 ·63	26
18	Mon. 19		14 ·72	7 ·60	27
19	Tues. 20		A ·66	8 ·57	28
20	Wed. 21		1 ·62	9 ·56	29
21	Thur. 22		2 ·61	10 ·57	—30
22	Fri. 23		3 ·62	11 ·60	1
23	Sat. 24		4 ·64	12 ·66	2
24	Sun. 25		5 ·68	13 ·73	3
25	Mon. 26		6 ·75	14 ·81	4
26	Tues. 27		7 ·83	15 ·91	5
27	Wed. 28		8 ·92	... ...	6
28	Thur. 29		... ...	16 ·02	7
29	Fri. 30		9 ·00	17 ·13	8
30	Sat. 31		10 ·07	18 ·28	9
		Aug.			
Dundubhi. **Siṁha—Āvaṇi.**					
—31	Sun. 1		11 ·13	19 ·32	10
1	Mon. 2		12 ·18	20 ·39	11
2	Tues. 3		13 ·21	21 ·44	12
3	Wed. 4		14 ·21	22 ·48	13
4	Thur. 5		P ·20	23 ·49	14
5	Fri. 6		1 ·16	24 ·48	15
6	Sat. 7		2 ·12	25 ·45	16
7	Sun. 8		3 ·05 / 4 ·96	26 ·41	17
8	Mon. 9		5 ·87	27 ·36	18
9	Tues. 10		6 ·77	1 ·30	19
10	Wed. 11		7 ·67	2 ·23	20
11	Thur. 12		8 ·57	3 ·16	21
12	Fri. 13		9 ·47	4 ·09	22
13	Sat. 14	*Bahula.*	10 ·38	5 ·02 / 6 ·98	23
14	Sun. 15		11 ·30	7 ·93	24
15	Mon. 16		12 ·23	8 ·90	25
16	Tues. 17		13 ·17	9 ·88	26
17	Wed. 18		14 ·13	10 ·89	27
18	Thur. 19		A ·11	11 ·92	28
19	Fri. 20		1 ·13	12 ·97	—29
20	Sat. 21		2 ·15	... ...	1
21	Sun. 22		3 ·20	13 ·03	2
22	Mon. 23	*Sukla.*	4 ·26	14 ·12	3
23	Tues. 24		5 ·33	15 ·22	4
24	Wed. 25		6 ·42	16 ·33	5
25	Thur. 26		7 ·50	17 ·43	6
26	Fri. 27		8 ·57	18 ·53	7
27	Sat. 28		9 ·64	19 ·62	8
28	Sun. 29		10 ·70	20 ·70	9
29	Mon. 30		11 ·72	21 ·76	10
30	Tues. 31		12 ·74	22 ·80	11

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Sep.			
Dundubhi. **Kanyā—Puraṭṭāsi.**					
—31	Wed. 1		13 ·72	23 ·81	12
1	Thur. 2		14 ·69	24 ·80	13
2	Fri. 3		P ·64	25 ·78	14
3	Sat. 4		1 ·57	26 ·74	15
4	Sun. 5		2 ·49	27 ·70	16
5	Mon. 6		3 ·40	1 ·63	17
6	Tues. 7		4 ·30	2 ·57	18
7	Wed. 8		5 ·20	3 ·50	19
8	Thur. 9		6 ·10	4 ·43	20
9	Fri. 10	*Bahula.*	7 ·00 / 8 ·91	5 ·37	21
10	Sat. 11		9 ·85	6 ·31	22
11	Sun. 12		10 ·76	7 ·26	23
12	Mon. 13		11 ·70	8 ·23	24
13	Tues. 14		12 ·67	9 ·21	25
14	Wed. 15		13 ·65	10 ·22	26
15	Thur. 16		14 ·67	11 ·24	27
16	Fri. 17		A ·69	12 ·28	28
17	Sat. 18		1 ·74	13 ·34	29
18	Sun. 19		2 ·80	14 ·42	—30
19	Mon. 20		3 ·88	15 ·52	1
20	Tues. 21		4 ·96	16 ·62	2
21	Wed. 22		... ...	17 ·73	3
22	Thur. 23	*Sukla.*	5 ·05	18 ·83	4
23	Fri. 24		6 ·12	19 ·93	5
24	Sat. 25		7 ·19	... ..	6
25	Sun. 26		8 ·25	20 ·02	7
26	Mon. 27		9 ·27	21 ·08	8
27	Tues. 28		10 ·29	22 ·11	9
28	Wed. 29		11 ·27	23 ·13	10
29	Thur. 30		12 ·25	24 ·13	11
		Oct.			
Dundubhi. **Tulā—Aippaśi.**					
30	Fri. 1		13 ·20	25 ·11	12
—31	Sat. 2		14 ·13	26 ·08	13
1	Sun. 3		P ·05 / 1 ·96	27 ·03 / 1 ·97	14
2	Mon. 4		2 ·87	2 ·91	15
3	Tues. 5		3 ·77	3 ·84	16
4	Wed. 6		4 ·67	4 ·78	17
5	Thur. 7		5 ·57	5 ·71	18
6	Fri. 8		6 ·48	6 ·65	19
7	Sat. 9		7 ·48	7 ·60	20
8	Sun. 10		8 ·33	8 ·56	21
9	Mon. 11		9 ·28	9 ·54	22
10	Tues. 12	*Bahula.*	10 ·25	10 ·54	23
11	Wed. 13		11 ·24	11 ·55	24
12	Thur. 14		12 ·25	12 ·59	25
13	Fri. 15		13 ·27	13 ·64	26
14	Sat. 16		14 ·32	14 ·72	27
15	Sun. 17		A ·38	15 ·81	28
16	Mon. 18		1 ·46	16 ·92	—29
17	Tues. 19		2 ·55	... ...	1
18	Wed. 20		3 ·65	17 ·03	2
19	Thur. 21		4 ·73	18 ·13	3
20	Fri. 22	*Sukla.*	5 ·80	19 ·23	4
21	Sat. 23		6 ·84	20 ·32	5
22	Sun. 24		7 ·87	21 ·39	6
23	Mon. 25		8 ·89	22 ·43	7
24	Tues. 26		9 ·87	23 ·45	8
25	Wed. 27		10 ·84	24 ·45	9
26	Thur. 28		11 ·79	25 ·45	10
27	Fri. 29		12 ·73	26 ·42	11
28	Sat. 30		13 ·65	27 ·37	12
—29	Sun. 31		14 ·56	1 ·31	13

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Nov.			
Dundubhi. **Vṛśchika—Kārttigai.**					
1	Mon. ○ 1		P ·46	2 ·25	14
2	Tues. 2		1 ·36	3 ·18	15
3	Wed. 3		2 ·26	4 ·11	16
4	Thur. 4		3 ·17	5 ·05 / 6 ·98	17
5	Fri. 5		4 ·09	7 ·93	18
6	Sat. 6		5 ·01 / 6 ·95	8 ·90	19
7	Sun. 7		7 ·89	9 ·87	20
8	Mon. 8		8 ·86	10 ·86	21
9	Tues. 9	*Bahula.*	9 ·85	11 ·87	22
10	Wed. 10		10 ·86	12 ·90	23
11	Thur. 11		11 ·90	13 ·96	24
12	Fri. 12		12 ·95	... ...	25
13	Sat. 13		... ...	14 ·03	26
14	Sun. 14		13 ·02	15 ·12	27
15	Mon. 15		14 ·09	16 ·22	28
16	Tues. 16		A ·18	17 ·33	29
17	Wed. 17		1 ·27	18 ·43	—30
18	Thur. 18		2 ·35	19 ·54	1
19	Fri. 19		3 ·42	20 ·65	2
20	Sat. 20		4 ·48	21 ·69	3
21	Sun. 21		5 ·51	22 ·74	4
22	Mon. 22	*Sukla.*	6 ·51	23 ·77	5
23	Tues. 23		7 ·50	24 ·78	6
24	Wed. 24		8 ·47	25 ·78	7
25	Thur. 25		9 ·41	26 ·75	8
26	Fri. 26		10 ·35	27 ·70	9
27	Sat. 27		11 ·27	1 ·65	10
28	Sun. 28		12 ·18	2 ·59	11
29	Mon. 29		13 ·09 / 14 ·99	3 ·52	12
—30	Tues. 30		P ·89	4 ·45	13
		Dec.			
Dundubhi. **Dhanus—Mārgaḷi.**					
1	Wed. 1		1 ·79	5 ·38	14
2	Thur. 2		2 ·70	6 ·32	15
3	Fri. 3		3 ·63	7 ·27	16
4	Sat. 4		4 ·57	8 ·23	17
5	Sun. 5		5 ·52	9 ·20	18
6	Mon. 6		6 ·50	10 ·18	19
7	Tues. 7		7 ·49	11 ·19	20
8	Wed. 8		8 ·50	12 ·21	21
9	Thur. 9		9 ·54	13 ·27	22
10	Fri. 10	*Bahula.*	10 ·59	14 ·34	23
11	Sat. 11		11 ·66	15 ·42	24
12	Sun. 12		12 ·74	16 ·52	25
13	Mon. 13		13 ·83	17 ·63	26
14	Tues. 14		14 ·92	18 ·74	27
15	Wed. 15		... ...	19 ·84	28
16	Thur. 16		A ·01	20 ·93	—29
17	Fri. 17		1 ·07	... ...	1
18	Sat. 18		2 ·12	21 ·00	2
19	Sun. 19		3 ·15	22 ·06	3
20	Mon. 20		4 ·16	23 ·10	4
21	Tues. 21	*Sukla.*	5 ·15	24 ·11	5
22	Wed. 22		6 ·11	25 ·10	6
23	Thur. 23		7 ·06 / 8 ·99	26 ·08	7
24	Fri. 24		9 ·91	27 ·04 / 1 ·99	8
25	Sat. 25		10 ·83	2 ·93	9
26	Sun. 26		11 ·73	3 ·86	10
27	Mon. 27		12 ·63	4 ·79	11
28	Tues. 28		13 ·53	5 ·72	12
—29	Wed. 29		14 ·44	6 ·67	13
1	Thur. 30		P ·36	7 ·61	14
2	Fri. 31		1 ·29	8 ·56	15

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1743. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 30·00.** **Śaka 1665.** **Kaliyuga 4844.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·91.** **(S. Cycle) Rudhirodgārin.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Dundubhi. **Makara—Tai.**	**Jan.**			
3	Sat. 1	2 ·22	9 ·52	16
4	Sun. 2	3 ·17	10 ·51	17
5	Mon. 3	4 ·15	11 ·51	18
6	Tues. 4	5 ·13	12 ·54	19
7	Wed. 5	6 ·15	13 ·58	20
8	Thur. 6	7 ·19	14 ·64	21
9	Fri. 7	8 ·24	15 ·72	22
10	Sat. 8	9 ·31	16 ·82	23
11	Sun. 9	10 ·40	17 ·93	24
12	Mon. 10	11 ·49	... ...	25
13	Tues. 11	12 ·58	18 ·03	26
14	Wed. 12	13 ·66	19 ·14	27
15	Thur. 13	14 ·73	20 ·23	28
16	Fri. 14	—**A** ·77	21 ·31	29
17	Sat. 15	1 ·79	22 ·38	—30
18	Sun. 16	2 ·80	23 ·42	1
19	Mon. 17	3 ·79	24 ·43	2
20	Tues. 18	4 ·75	25 ·43	3
21	Wed. 19	5 ·70	26 ·41	4
22	Thur. 20	6 ·63	27 ·38	5
23	Fri. 21	7 ·55	1 ·33	6
24	Sat. 22	8 ·46	2 ·27	7
25	Sun. 23	9 ·36	3 ·20	8
26	Mon. 24	10 ·26	4 ·13	9
27	Tues. 25	11 ·16	5 ·06	10
28	Wed. 26	12 ·07 13 ·98	6 ·00 7 ·94	11
29	Thur. 27	14 ·91	8 ·89	12
—30	Fri. 28	ℙ ·85	9 ·85	13
1	Sat. 29	1 ·81	10 ·83	14
2	Sun. 30	2 ·78	11 ·84	15
3	Mon. 31	3 ·76	12 ·85	16
	Feb.			
4	Tues. 1	4 ·78	13 ·89	17
5	Wed. 2	5 ·82	14 ·95	18
6	Thur. 3	6 ·88	.. ..	19
7	Fri. 4	7 ·95	15 ·03	20
8	Sat. 5	... ...	16 ·13	21
9	Sun. 6	8 ·03	17 ·23	22
10	Mon. 7	9 ·12	18 ·34	23
11	Tues. 8	10 ·21	19 ·44	24
12	Wed. 9	11 ·29	20 ·54	25
13	Thur. 10	12 ·35	21 ·63	26
14	Fri. 11	13 ·40	22 ·69	27
15	Sat. 12	14 ·42	23 ·73	28
16	Sun. 13	—**A** ·43	24 ·75	—29
17	Mon. 14	1 ·41	25 ·75	1
18	Tues. 15	2 ·37	26 ·74	2
19	Wed. 16	3 ·31	27 ·71	3
20	Thur. 17	4 ·24	1 ·66	4
21	Fri. 18	5 ·16	2 ·60	5
22	Sat. 19	—6 ·07 7 ·98	3 ·54	6
23	Sun. 20	8 ·88	4 ·47	7
24	Mon. 21	9 ·78	5 ·41	8
25	Tues. 22	10 ·68	6 ·34	9
26	Wed. 23	11 ·59	7 ·28	10
27	Thur. 24	12 ·52	8 ·22	11
28	Fri. 25	13 ·46	9 ·18	12
29	Sat. 26	14 ·42	10 ·17	13
—30	Sun. 27	ℙ ·39	11 ·16	14
1	Mon. 28	1 ·38	12 ·17	15

Pausha. *Bahula.* *Sukla.* *Māgha.* *Phālguna.* *Chaitra.* *Vaiśākha.*

Zi-l-ḥijja. *H.* 1155 *Muharram.* *H* 1156

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Dundubhi. **Mīna—Paṅguni.**	**March.**			
2	Tues. 1	2 ·39	13 ·20	16
3	Wed. 2	3 ·43	14 ·26	17
4	Thur. 3	4 ·49	15 ·33	18
5	Fri. 4	5 ·56	16 ·43	19
6	Sat. 5	6 ·64	17 ·53	20
7	Sun. 6	7 ·73	18 ·63	21
8	Mon. 7	8 ·82	19 ·74	22
9	Tues. 8	9 ·89	20 ·85	23
10	Wed. 9	10 ·95	21 ·93	24
11	Thur. 10	... ...	... ...	25
12	Fri. 11	11 ·00	22 ·00	26
13	Sat. 12	12 ·02	23 ·05	27
14	Sun. 13	13 ·02	24 ·07	28
15	Mon. 14	14 ·00 **A** ·96	25 ·08	29
16	Tues. 15	1 ·91	26 ·07	—30
17	Wed. 16	2 ·84	27 ·04	1
18	Thur. 17	3 ·75	1 ·00 2 ·94	2
19	Fri. 18	4 ·65	3 ·88	3
20	Sat. 19	5 ·55	4 ·82	4
21	Sun. 20	6 ·45	5 ·75	5
22	Mon. 21	7 ·35	6 ·68	6
23	Tues. 22	8 ·26	7 ·61	7
24	Wed. 23	9 ·18	8 ·56	8
25	Thur. 24	10 ·10	9 ·52	9
26	Fri. 25	11 ·04 12 ·99	10 ·49	10
27	Sat. 26	13 ·96	11 ·48	11
28	Sun. 27	14 ·95	12 ·49	12
29	Mon. 28	ℙ ·97	13 ·52	13
—30	Tues. 29	... ...	14 ·58	14
1	Wed. 30	1 ·01	15 ·64	15
2	Thur. 31	2 ·06	16 ·73	16
	April.			
3	Fri. 1	3 ·12	17 ·83	17
4	Sat. 2	4 ·20	18 ·93	18
5	Sun. 3	5 ·29	... ...	19
6	Mon. 4	6 ·38	19 ·04	20
7	Tues. 5	7 ·45	20 ·15	21
8	Wed. 6	8 ·51	21 ·24	22
9	Thur. 7	9 ·55	22 ·31	23
10	Fri. 8	10 ·57	23 ·36	24
11	Sat. 9	11 ·57	24 ·39	25
12	Sun. 10	12 ·55	25 ·41	26
13	Mon. 11	13 ·51	26 ·40	27
14	Tues. 12	14 ·45	27 ·37	28
15	Wed. 13	—**A** ·38	1 ·33	—29
16	Thur. 14	1 ·29	2 ·28	1
17	Fri. 15	2 ·20	3 ·22	2
18	Sat. 16	3 ·10	4 ·16	3
19	Sun. 17	4 ·00 5 ·90	5 ·09	4
20	Mon. 18	6 ·80	6 ·01 7 ·95	5
21	Tues. 19	7 ·71	8 ·90	6
22	Wed. 20	8 ·63	9 ·85	7
23	Thur. 21	9 ·57	10 ·82	8
24	Fri. 22	10 ·52	11 ·81	9
25	Sat. 23	11 ·49	12 ·81	10
26	Sun. 24	12 ·41	13 ·84	11
27	Mon. 25	13 ·49	14 ·88	12
28	Tues. 26	14 ·52	15 ·95	13
29	Wed. ○ 27	ℙ ·58	... ...	14
30	Thur. 28	1 ·65	16 ·03	15
—31	Fri. 29	2 ·73	17 ·17	16
1	Sat. 30	3 ·81	18 ·23	17

Rudhirodgārin. *Mēsha—Chittirai.* *Bahula.* *Sukla.* *Vaiśākha.*

Phāl. *H.* 1156 *Muharram.* *H.* 1156 *Śafar.* *H.* 1156 *Rabi-ul awwal.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Rudhirodgārin. **Vrishabha—Vaigāsi.**	**May.**			
2	Sun. 1	4 ·89	19 ·34	18
3	Mon. 2	5 ·96	20 ·45	19
4	Tues. 3	... ...	21 ·54	20
5	Wed. 4	6 ·03	22 ·62	21
6	Thur. 5	7 ·07	23 ·67	22
7	Fri. 6	8 ·08	24 ·72	23
8	Sat. 7	9 ·08	25 ·73	24
9	Sun. 8	10 ·07	26 ·73	25
10	Mon. 9	11 ·03 12 ·97	27 ·70	26
11	Tues. 10	13 ·89	1 ·66	27
12	Wed. 11	14 ·80	2 ·62	28
13	Thur. 12	—**A** ·71	3 ·56	29
14	Fri. 13	1 ·61	4 ·49	—30
15	Sat. 14	2 ·51	5 ·42	1
16	Sun. 15	3 ·41	6 ·35	2
17	Mon. 16	4 ·31	7 ·30	3
18	Tues. 17	5 ·22	8 ·24	4
19	Wed. 18	6 ·14	9 ·19	5
20	Thur. 19	7 ·07	10 ·15	6
21	Fri. 20	8 ·02 9 ·99	11 ·13	7
22	Sat. 21	10 ·97	12 ·13	8
23	Sun. 22	11 ·99	13 ·15	9
24	Mon. 23	... ...	14 ·19	10
25	Tues. 24	12 ·02	15 ·25	11
26	Wed. 25	13 ·07	16 ·33	12
27	Thur. 26	14 ·14	17 ·43	13
28	Fri. 27	ℙ ·22	18 ·53	14
29	Sat. 28	1 ·31	19 ·64	15
30	Sun. 29	2 ·39	20 ·75	16
—31	Mon. 30	3 ·46	21 ·84	17
1	Tues. 31	4 ·51	22 ·92	18
	June.			
2	Wed. 1	5 ·55	23 ·99	19
3	Thur. 2	6 ·57	... ...	20
4	Fri. 3	7 ·57	24 ·03	21
5	Sat. 4	8 ·56	25 ·05	22
6	Sun. 5	9 ·52	26 ·05	23
7	Mon. 6	10 ·46	27 ·03	24
8	Tues. 7	11 ·39	1 ·01 2 ·96	25
9	Wed. 8	12 ·30	3 ·90	26
10	Thur. 9	13 ·20	4 ·83	27
11	Fri. 10	14 ·10	5 ·76	28
12	Sat. 11	**A** ·00 1 ·90	6 ·70	—29
13	Sun. 12	2 ·80	7 ·63	1
14	Mon. 13	3 ·71	8 ·57	2
15	Tues. 14	4 ·62	9 ·52	3
16	Wed. 15	5 ·55	10 ·48	4
17	Thur. 16	6 ·50	11 ·46	5
18	Fri. 17	7 ·47	12 ·46	6
19	Sat. 18	8 ·45	13 ·47	7
20	Sun. 19	9 ·47	14 ·51	8
21	Mon. 20	10 ·50	15 ·56	9
22	Tues. 21	11 ·55	16 ·63	10
23	Wed. 22	12 ·61	17 ·73	11
24	Thur. 23	13 ·69	18 ·84	12
25	Fri. 24	14 ·77	19 ·94	13
26	Sat. 25	ℙ ·86	... ...	14
27	Sun. 26	1 ·93	20 ·05	15
28	Mon. 27	2 ·98	21 ·14	16
29	Tues. 28	... ...	22 ·24	17
30	Wed. 29	3 ·02	23 ·30	18
31	Thur. 30	4 ·05	24 ·35	19

Rudhirodgārin. *Mithuna—Āni.* *Bahula.* *Sukla.* *Jyeshṭha.* *Āshādha.*

Rabi-ul ākhir. *H.* 1156 *Jamādi'l awwal.* *H.* 1156 *Rabī-ul ākhir.*

Nakṣh :—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1743. **Kollam 919,** { **N. Malabar—Sep.** **Hijra 1156.** **Vikrama 1800.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 14.** **Bengal San. 1149.**
P—Paurnimā. **(M. Cycle) Śrīmukha.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.						**Sep.**						**Nov.**			
—32	Fri.	1	5 ·05	25 ·37	20	—31	Thur.	1	*Bahula.* 9 ·50	6 ·72	23	—30	Tues.	1	*Bahula.* 11 ·17	12 ·08	25
1	Sat.	2	6 ·03 / 7 ·99	26 ·38	21	1	Fri.	2	10 ·40	7 ·65	24	1	Wed.	2	12 ·14	13 ·08	26
2	Sun.	3	8 ·94	27 ·37	22	2	Sat.	3	11 ·30	8 ·58	25	2	Thur.	3	13 ·13	14 ·09	27
3	Mon.	4	*Bahula.* 9 ·87	1 ·34	23	3	Sun.	4	12 ·21	9 ·53	26	3	Fri.	4	14 ·15	15 ·12	28
4	Tues.	5	10 ·78	2 ·29	24	4	Mon.	5	13 ·13	10 ·48	27	4	Sat.	5	--A ·18	16 ·17	29
5	Wed.	6	11 ·68	3 ·24	25	5	Tues.	6	14 ·06	11 ·45	28	5	Sun.	6	1 ·23	17 ·24	—30
6	Thur.	7	12 ·58	4 ·17	26	6	Wed.	7	A ·01 / 1 ·97	12 ·43	29	6	Mon.	7	2 ·30	18 ·34	1
7	Fri.	8	13 ·48	5 ·10	27	7	Thur.	8	2 ·96	13 ·43	—30	7	Tues.	8	3 ·39	19 ·44	2
8	Sat.	9	14 ·38	6 ·04 / 7 ·97	28	8	Fri.	9	3 ·98	14 ·46	1	8	Wed.	9	4 ·48	20 ·55	3
9	Sun.	10	—A ·28	8 ·91	29	9	Sat.	10	... ...	15 ·50	2	9	Thur.	10	5 ·56	21 ·65	4
10	Mon.	11	1 ·18	9 ·85	30	10	Sun.	11	4 ·01	16 ·56	3	10	Fri.	11	6 ·64	22 ·75	5
11	Tues.	12	2 ·10	10 ·81	1	11	Mon.	12	5 ·05	17 ·64	4	11	Sat.	12	7 ·71	23 ·85	6
12	Wed.	13	3 ·03 / 4 ·98	11 ·79	2	12	Tues.	13	6 ·11	18 ·73	5	12	Sun.	13	8 ·76	24 ·92	7
13	Thur.	14	5 ·95	12 ·78	3	13	Wed.	14	7 ·19	19 ·84	6	13	Mon.	14	9 ·79	25 ·96	8
14	Fri.	15	6 ·94	13 ·79	4	14	Thur.	15	8 ·25	20 ·95	7	14	Tues.	15	10 ·80	26 ·99	9
15	Sat.	16	7 ·95	14 ·82	5	15	Fri.	16	9 ·36	.. ...	8	15	Wed.	15	11 ·79	... ...	10
16	Sun.	17	8 ·97	15 ·87	6	16	Sat.	17	10 ·44	21 ·06	9	16	Thur.	17	12 ·75	27 ·00	11
17	Mon.	18	*Sukla.*	16 ·95	7	17	Sun.	18	11 ·50	22 ·15	10	17	Fri.	18	13 ·70	1 ·00 / 2 ·97	12
18	Tues.	19	9 ·02	... ...	8	18	Mon.	19	12 ·55	23 ·23	11	18	Sat.	19	14 ·64	3 ·92	13
19	Wed.	20	10 ·08	17 ·04	9	19	Tues.	20	13 ·58	24 ·29	12	19	Sun.	20	P ·56	4 ·87	14
20	Thur.	21	11 ·16	18 ·13	10	20	Wed.	21	14 ·59	25 ·33	13	20	Mon.	21	1 ·47	5 ·80	15
21	Fri.	22	12 ·25	19 ·24	11	21	Thur.	22	P ·58	26 ·35	14	21	Tues.	22	2 ·38	6 ·74	16
22	Sat.	23	13 ·33	20 ·35	12	22	Fri.	23	1 ·55	27 ·35	15	22	Wed.	23	3 ·28	7 ·67	17
23	Sun.	24	14 ·40	21 ·46	13	23	Sat.	24	2 ·49	1 ·33	16	23	Thur.	24	4 ·18	8 ·60	18
24	Mon.	25	P ·46	22 ·54	14	24	Sun.	25	3 ·42	2 ·29	17	24	Fri.	25	5 ·08 / 6 ·99	9 ·54	19
25	Tues.	26	1 ·50	23 ·61	15	25	Mon.	26	4 ·34	3 ·25	18	25	Sat.	26	7 ·91	10 ·48	20
26	Wed.	27	2 ·53	24 ·66	16	26	Tues.	27	5 ·25	4 ·19	19	26	Sun.	27	8 ·85	11 ·44	21
27	Thur.	28	3 ·54	25 ·69	17	27	Wed.	28	6 ·15	5 ·13	20	27	Mon.	28	9 ·81	12 ·42	22
28	Fri.	29	4 ·52	26 ·71	18	28	Thur.	29	7 ·05 / 8 ·95	6 ·06 / 7 ·99	21	28	Tues.	29	10 ·78	13 ·40	23
29	Sat.	30	5 ·48	27 ·70	19	29	Fri.	30	9 ·86	8 ·93	22	—29	Wed.	30	11 ·77	14 ·41	24
30	Sun.	31	6 ·43	1 ·67	20												
		Aug.						**Oct.**						**Dec.**			
—31	Mon.	1	7 ·36	2 ·63	21	30	Sat.	1	*Bahula.* 10 ·77	9 ·87	23	1	Thur.	1	12 ·79	15 ·43	25
1	Tues.	2	*Bahula.* 8 ·28	3 ·57	22	—31	Sun.	2	11 ·69	10 ·81	24	2	Fri.	2	13 ·83	16 ·48	26
2	Wed.	3	9 ·18	4 ·51	23	1	Mon.	3	12 ·63	11 ·78	25	3	Sat.	3	14 ·89	17 ·56	27
3	Thur.	4	10 ·08 / 11 ·98	5 ·45	24	2	Tues.	4	13 ·58	12 ·75	26	4	Sun.	4	—A ·96	18 ·64	28
4	Fri.	5	12 ·88	6 ·38	25	3	Wed.	5	14 ·55	13 ·76	27	5	Mon.	5	... ...	19 ·74	—29
5	Sat.	6	13 ·78	7 ·31	26	4	Thur.	6	—A ·54	14 ·77	28	6	Tues.	6	1 ·04	20 ·85	1
6	Sun.	7	14 ·69	8 ·24	27	5	Fri.	7	1 ·55	15 ·81	—29	7	Wed.	7	2 ·13	21 ·95	2
7	Mon.	8	—A ·60	9 ·19	28	6	Sat.	8	2 ·57	16 ·87	1	8	Thur.	8	3 ·22	... ...	3
8	Tues.	9	1 ·53	10 ·15	—29	7	Sun.	9	3 ·62	17 ·94	2	9	Fri.	9	4 ·30	22 ·06	4
9	Wed.	10	2 ·48	11 ·12	1	8	Mon.	10	4 ·69	... ...	3	10	Sat.	10	5 ·36	23 ·15	5
10	Thur.	11	3 ·45	12 ·10	2	9	Tues.	11	5 ·77	18 ·03	4	11	Sun.	11	6 ·40	24 ·22	6
11	Fri.	12	4 ·44	13 ·11	3	10	Wed.	12	*Sukla.* 6 ·86	19 ·14	5	12	Mon.	12	7 ·43	25 ·28	7
12	Sat.	13	5 ·43	14 ·13	4	11	Thur.	13	7 ·95	20 ·25	6	13	Tues.	13	8 ·44	26 ·31	8
13	Sun.	14	6 ·47	15 ·19	5	12	Fri.	14	... ...	21 ·35	7	14	Wed.	14	9 ·43	27 ·33	9
14	Mon.	15	*Sukla.* 7 ·52	16 ·25	6	13	Sat.	15	8 ·03	22 ·45	8	15	Thur.	15	10 ·40	1 ·32	10
15	Tues.	16	8 ·58	17 ·34	7	14	Sun.	16	9 ·09	23 ·53	9	16	Fri.	16	11 ·34	2 ·30	11
16	Wed.	17	9 ·66	18 ·43	8	15	Mon.	17	10 ·13	24 ·61	10	17	Sat.	17	12 ·27	3 ·26	12
17	Thur.	18	10 ·74	19 ·54	9	16	Tues.	18	11 ·16	25 ·65	11	18	Sun.	18	13 ·19	4 ·20	13
18	Fri.	19	11 ·83	20 ·65	10	17	Wed.	19	12 ·17	26 ·67	12	19	Mon.	19	14 ·10	5 ·14	14
19	Sat.	20	12 ·90	21 ·76	11	18	Thur.	20	13 ·17	27 ·67	13	20	Tues.	20	P ·01 / 1 ·91	6 ·08	15
20	Sun.	21	13 ·96	22 ·85	12	19	Fri.	21	14 ·14	1 ·66	14	21	Wed.	21	2 ·81	7 ·01 / 8 ·94	16
21	Mon.	22	... ...	23 ·92	13	20	Sat.	○22	P ·09	2 ·64	15	22	Thur.	22	3 ·72	9 ·87	17
22	Tues.	23	14 ·01	24 ·97	14	21	Sun.	23	1 ·02 / 2 ·94	3 ·59	16	23	Fri.	23	4 ·63	10 ·82	18
23	Wed.	24	P ·04	... ...	15	22	Mon.	24	3 ·85	4 ·53	17	24	Sat.	24	5 ·55	11 ·78	19
24	Thur.	25	1 ·05	25 ·01	16	23	Tues.	25	4 ·75	5 ·46	18	25	Sun.	25	6 ·49	12 ·74	20
25	Fri.	26	2 ·03	26 ·03	17	24	Wed.	26	5 ·65	6 ·39	19	26	Mon.	26	*Bahula.* 7 ·45	13 ·73	21
26	Sat.	27	3 ·00 / 4 ·94	27 ·02	18	25	Thur.	27	6 ·55	7 ·32	20	27	Tues.	27	8 ·43	14 ·73	22
				1 ·00 / 2 ·96		26	Fri.	28	*Bahula.* 7 ·46	8 ·26	21	28	Wed.	28	9 ·42	15 ·75	23
27	Sun.	28	5 ·87		19	27	Sat.	29	8 ·37	9 ·20	22	29	Thur.	29	10 ·43	16 ·80	24
28	Mon.	29	*Bahula.* 6 ·79	3 ·91	20	28	Sun.	30	9 ·30	10 ·15	23	—30	Fri.	30	11 ·47	17 ·86	25
29	Tues.	30	7 ·70	4 ·86	21	29	Mon.	31	10 ·23	11 ·11	24	1	Sat.	31	12 ·53	18 ·94	26
30	Wed.	31	8 ·60	5 ·79	22												

Rudhirodgārin. **Karkataka—Ādi.** *H.* 1156 *Jamāda'l awwal.* *Rudhirodgārin.* **Kanyā—Purattāsi.** *H.* 1156 *Shaʿbān.* *Rudhirodgārin.* **Vṛischika—Karttigai.** *H.* 1156 *Zi-l-ka'da.*

Rudhirodgārin. **Siṁha—Āvaṇi.** *H.* 1156 *Rajab.* *Rudhirodgārin.* **Tulā—Aippasi.** *H.* 1156 *Ramazān.* *Rudhirodgārin.* **Dhanus—Mārgali.** *H.* 1156 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. aMh. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1744. **Mēsha Sankrānti** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·25.** **Śaka 1666.** **Kaliyuga 4845.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·16.** **(S. Cycle) Raktāksha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
2	Sun. 1	13 ·60	... ...	27	3	Thur. 1	13 ·19	23 ·06	27	3	Tues. 1	—A ·34	3 92	29
3	Mon. 2	14 ·69	19 ·04	28	4	Fri. 2	14 ·25	24 ·14	28	4	Wed. 2	1 ·28	4 ·88	—30
4	Tues. 3	—A ·78	20 ·14	29	5	Sat. 3	—A ·29	25 ·22	29	5	Thur 3	2 ·21	5 ·83	1
5	Wed. 4	1 ·86	21 ·26	—30	6	Sun. 4	1 ·31	26 ·27	—30	6	Fri. 4	3 ·12	6 ·78	2
6	Thur. 5	2 ·94	22 ·36	1	7	Mon. 5	2 ·31	27 ·29	1	7	Sat. 5	{ 4 ·02 / 5 ·92	7 ·71	3
7	Fri. 6	... ...	23 ·45	2	8	Tues. 6	3 ·30	1 ·30	2					
8	Sat. 7	3 ·01	24 ·53	3	9	Wed. 7	4 ·26	2 ·28	3	8	Sun. 6	6 ·82	8 ·64	4
9	Sun. 8	4 ·05	25 ·59	4	10	Thur. 8	5 ·20	3 ·26	4	9	Mon. 7	7 ·72	9 ·58	5
10	Mon. 9	5 ·07	26 ·64	5	11	Fri. 9	6 ·13	4 ·22	5	10	Tues. 8	8 ·62	10 ·51	6
11	Tues. 10	6 ·08	27 ·65	6	12	Sat. 10	7 ·04	5 ·16	6	11	Wed. 9	9 ·52	11 ·45	7
12	Wed. 11	7 ·07	1 ·65	7			8 ·95			12	Thur. 10	10 ·44	12 ·39	8
13	Thur. 12	{ 8 ·04 / 9 ·98	2 ·63	8	13	Sun. 11	9 ·85	6 ·10	7	13	Fri. 11	11 ·39	13 ·37	9
14	Fri. 13	10 ·91	3 ·59	9	14	Mon. 12	10 ·75	{ 7 ·03 / 8 ·96 }	8	14	Sat. 12	12 ·35	14 ·35	10
15	Sat. 14	11 ·83	4 ·54	10	15	Tues. 13	11 ·65	9 ·90	9	15	Sun. 13	13 ·32	15 ·35	11
16	Sun. 15	12 ·74	5 ·49	11	16	Wed. 14	12 ·56	10 ·84	10	16	Mon. 14	14 ·30	16 ·37	12
17	Mon. 16	13 ·64	6 ·42	12	17	Thur. 15	13 ·47	11 ·78	11	17	Tues. 15	P ·31	17 ·41	13
18	Tues. 17	14 ·54	7 ·35	13	18	Fri. 16	14 ·39	12 ·73	12	18	Wed. 16	1 ·35	18 ·47	14
19	Wed. 18	P ·44	8 ·28	14	19	Sat. 17	P ·33	13 ·71	13	19	Thur. 17	2 ·40	19 ·55	15
20	Thur. 19	1 ·35	9 ·21	15	20	Sun. 18	1 ·29	14 ·70	14	20	Fri. 18	3 ·47	20 ·65	16
21	Fri. 20	2 ·27	10 ·16	16	21	Mon. 19	2 ·27	15 ·71	15	21	Sat. 19	4 ·56	21 ·75	17
22	Sat. 21	3 ·20	11 ·11	17	22	Tues. 20	3 ·26	16 ·74	16	22	Sun. 20	5 ·64	22 ·87	18
23	Sun. 22	4 ·14	12 ·07	18	23	Wed. 21	4 ·28	17 ·79	17	23	Mon. 21	6 ·72	23 ·97	19
24	Mon. 23	5 ·09	13 ·05	19	24	Thur. 22	5 ·31	18 ·85	18	24	Tues. 22	7 ·79	... ...	20
25	Tues. 24	6 ·07	14 ·05	20	25	Fri. 23	6 ·37	19 ·95	19	25	Wed. 23	8 ·85	24 ·06	21
26	Wed. 25	7 ·06	15 ·07	21	26	Sat. 24	7 ·45	.. ...	20	26	Thur. 24	9 ·88	25 ·14	22
27	Thur. 26	8 ·07	16 ·11	22	27	Sun. 25	8 ·53	20 ·05	21	27	Fri. 25	10 ·90	26 ·20	23
28	Fri. 27	9 ·12	17 ·17	23	28	Mon. 26	9 ·62	21 ·15	22	28	Sat. 26	11 ·90	27 ·25	24
—29	Sat. 28	10 ·18	18 ·25	24	29	Tues. 27	10 ·70	22 ·26	23	29	Sun. 27	12 ·88	1 ·27	25
1	Sun. 29	11 ·25	19 ·34	25	—30	Wed. 28	11 ·77	23 ·36	24	30	Mon. 28	13 ·84	2 ·27	26
2	Mon. 30	12 ·33	20 ·45	26	1	Thur. 29	12 ·82	24 ·46	25	—31	Tues. 29	14 ·78	3 ·25	27
3	Tues. 31	13 ·41	21 ·56	27	2	Fri. 30	13 ·86	25 ·53	26	1	Wed. 30	—A ·70	4 ·22	28
					3	Sat. 31	14 ·87	26 ·58	27	2	Thur. 31	1 ·61	5 ·17	—29
	Feb.					**April.**					**June.**			
4	Wed. 1	14 ·50	22 ·66	28	4	Sun. 1	—A ·87	27 ·61	28	3	Fri. 1	2 ·51	6 ·12	1
5	Thur. 2	—A ·59	23 ·76	29	5	Mon. 2	1 ·86	1 ·62	—29	4	Sat. 2	3 ·41	{ 7 ·05 / 8 ·98 }	2
6	Fri. 3	1 ·65	24 ·84	—30	6	Tues. 3	2 ·82	2 ·62	1					
7	Sat. 4	2 ·69	25 ·90	1	7	Wed. 4	3 ·76	3 ·59	2	5	Sun. 3	4 ·31	9 ·91	3
8	Sun. 5	3 ·71	26 ·95	2	8	Thur. 5	4 ·69	4 ·55	3	6	Mon. 4	5 ·21	10 ·84	4
9	Mon. 6	4 ·72	27 ·97	3	9	Fri. 6	5 ·60	5 ·50	4	7	Tues. 5	6 ·11	11 ·79	5
10	Tues. 7	5 ·71	1 ·97	4	10	Sat. 7	6 ·51	6 ·43	5	8	Wed. 6	{ 7 ·02 / 8 ·94 }	12 ·74	6
11	Wed. 8	6 ·67	2 ·96	5	11	Sun. 8	7 ·41	7 ·37	6					
12	Thur. 9	7 ·60	3 ·92	6	12	Mon. 9	8 ·31	8 ·30	7	9	Thur. 7	9 ·88	13 ·70	7
13	Fri. 10	8 ·53	4 ·88	7	13	Tues. 10	9 ·21	9 ·23	8	10	Fri. 8	10 ·83	14 ·68	8
14	Sat. 11	9 ·45	5 ·82	8	14	Wed. 11	10 ·11	10 ·17	9	11	Sat. 9	11 ·79	15 ·67	9
15	Sun. 12	10 ·36	6 ·76	9	15	Thur. 12	{ 11 ·02 / 12 ·94 }	11 ·11	10	12	Sun. 10	12 ·78	16 ·69	10
16	Mon. 13	11 ·26	7 ·69	10						13	Mon. 11	13 ·79	17 ·73	11
17	Tues. 14	12 ·16	8 ·62	11	16	Fri. 13	13 ·88	12 ·06	11	14	Tues. 12	14 ·88	18 ·78	12
18	Wed. 15	{ 13 ·06 / 14 ·96 }	9 ·56	12	17	Sat. 14	14 ·84	13 ·04	12	15	Wed. 13	P ·88	19 ·86	13
					18	Sun. ○ 15	P ·81	14 ·03	13	16	Thur. 14	1 ·94	20 ·95	14
19	Thur. 16	P ·87	10 ·50	13	19	Mon. 16	1 ·79	15 ·03	14	17	Fri. 15	... ...	... ...	15
20	Fri. 17	1 ·80	11 ·45	14	20	Tues. 17	2 ·81	16 ·05	15	18	Sat. 16	2 ·02	21 ·06	16
21	Sat. 18	2 ·75	12 ·40	15	21	Wed. 18	3 ·84	17 ·09	16	19	Sun. 17	3 ·11	22 ·16	17
22	Sun. 19	3 ·71	13 ·38	16	22	Thur. 19	4 ·90	18 ·17	17	20	Mon. 18	4 ·19	23 ·27	18
23	Mon. 20	4 ·68	14 ·38	17	23	Fri. 20	5 ·98	19 ·25	18	21	Tues. 19	5 ·28	24 ·37	19
24	Tues. 21	5 ·67	15 ·39	18	24	Sat. 21	... ...	20 ·35	19	22	Wed. 20	6 ·32	25 ·45	20
25	Wed. 22	6 ·69	16 ·41	19	25	Sun. 22	6 ·07	21 ·45	20	23	Thur. 21	7 ·36	26 ·52	21
26	Thur. 23	7 ·78	17 ·48	20	26	Mon. 23	7 ·15	22 ·56	21	24	Fri. 22	8 ·38	27 ·57	22
27	Fri. 24	8 ·79	18 ·55	21	27	Tues. 24	8 ·22	23 ·67	22	25	Sat. 23	9 ·37	1 ·59	23
28	Sat. 25	9 ·87	19 ·65	22	28	Wed. 25	9 ·29	24 ·76	23	26	Sun. 24	10 ·35	2 ·60	24
29	Sun. 26	10 ·96	20 ·75	23	29	Thur. 26	10 ·35	25 ·84	24	27	Mon. 25	11 ·32	3 ·58	25
—30	Mon. 27	... ...	21 ·85	24	30	Fri. 27	11 ·40	26 ·89	25	28	Tues. 26	12 ·26	4 ·55	26
1	Tues. 28	11 ·05	22 ·96	25	—31	Sat. 28	12 ·43	27 ·93	26	29	Wed. 27	13 ·18	5 ·51	27
2	Wed. 29	12 ·13	... ...	26	1	Sun. 29	13 ·41	1 ·95	27	30	Thur. 28	{ 14 ·09 / A ·99 }	6 ·46	28
					2	Mon. 30	14 ·38	2 ·95	28					
										31	Fri. 29	1 ·89	7 ·39	29
										—32	Sat. 30	2 ·79	8 ·32	—30

Rudhirodgārin.
Makara—Tai.
Śukla. **Māgha.** *Bahula.*
H. 1156 *Zi-l-hijja.*
Rudhirodgārin.
Kumbha—Māśi.
Śukla. **Phālguna.** *Bahula.*
H. 1157 *Muharram.*
Rudhirodgārin.
Mīna—Pāṅguni.
Śukla. **Chaitra.** *Bahula.*
H. 1157 *Śafar.*
Raktāksha.
Mēsha—Chittirai.
Śukla. **Vaiśākha.** *Bahula.*
H. 1157 *Rabi-ul awwal.*
Raktāksha.
Vrishabha—Vaigāśi.
Śukla. **Jyeshtha.** *Bahula.*
H. 1157 *Jamāda'l awwal.*
Raktāksha.
Mithuna—Āni.
Śukla. **Adhika Āshādha.** *Bahula.*
H. 1157 *Rabi-ul ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1744. **Kollam 920,** { **N. Malabar—Sep.** **Hijra 1157.** **Vikrama 1801.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 4.** **Bengal San. 1150.**
P—Paurnimā. **(N. Cycle) Bhāva.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Raktāksha. **Karkaṭaka—Ādi.**	**July.**			
1	Sun. 1	*Sukla.* 3 ·69	9 ·25	1
2	Mon. 2	4 ·59	10 ·19	2
3	Tues. 3	5 ·50	11 ·13	3
4	Wed. 4	6 ·42	12 ·07	4
5	Thur. 5	7 ·35	13 ·03	5
6	Fri. 6	8 ·30	14 ·00	6
7	Sat. 7	9 ·28	15 ·00	7
8	Sun. 8	10 ·27	16 ·01	8
9	Mon. 9	11 ·27	17 ·04	9
10	Tues. 10	12 ·30	18 ·09	10
11	Wed. 11	13 ·34	19 ·16	11
12	Thur. 12	14 ·41	20 ·26	12
13	Fri. 13	**P** ·49	21 ·36	13
14	Sat. 14	1 ·58	22 ·46	14
15	Sun. 15	2 ·66	23 ·57	15
16	Mon. 16	3 ·73	24 ·67	16
17	Tues. 17	4 ·79	25 ·75	17
18	Wed. 18	5 ·84	26 ·83	18
19	Thur. 19	6 ·86	27 ·88	19
20	Fri. 20	7 ·86	1 ·91	*H* 1157 *Jamādu'l ākhir.* 20
21	Sat. 21	*Bahula.* 8 ·84	2 ·92	21
22	Sun. 22	9 ·80	3 ·90	22
23	Mon. 23	10 ·74	4 ·89	23
24	Tues. 24	11 ·66	5 ·85	24
25	Wed. 25	12 ·58	6 ·79	25
26	Thur. 26	13 ·49	7 ·73	26
27	Fri. 27	14 ·39	8 ·66	27
28	Sat. 28	—**A** ·29	9 ·60	28
29	Sun. 29	1 ·19	10 ·53	—29
30	Mon. 30	2 ·09	11 ·47	1
31	Tues. 31	{ 3 ·00 4 ·92	12 ·41	2
	Aug.			
—32	Wed. 1	5 ·85	13 ·36	3
1	Thur. 2	*Sukla.* 6 ·79	14 ·34	4
2	Fri. 3	7 ·77	15 ·32	5
3	Sat. 4	8 ·76	16 ·33	6
4	Sun. 5	9 ·77	17 ·35	7
5	Mon. 6	10 ·79	18 ·40	8
6	Tues. 7	11 ·84	18 ·47	9
7	Wed. 8	12 ·91	20 ·56	10
8	Thur. 9	13 ·99	21 ·65	11
9	Fri. 10	... ...	22 ·76	12
10	Sat. 11	14 ·08	23 ·87	13
11	Sun. 12	**P** ·16	24 ·97	14
12	Mon. 13	1 ·23	... ...	15
13	Tues. 14	2 ·29	25 ·07	16
14	Wed. 15	3 ·34	26 ·14	17
15	Thur. 16	4 ·37	27 ·19	18
16	Fri. 17	5 ·36	1 ·21	19
17	Sat. 18	6 ·34	2 ·24	20
18	Sun. 19	*Bahula.* 7 ·30	3 ·24	21
19	Mon. 20	8 ·25	4 ·22	22
20	Tues. 21	9 ·18	5 ·18	23
21	Wed. 22	10 ·10	6 ·13	24
22	Thur. 23	{ 11 ·00 12 ·90	7 ·07	25
23	Fri. 24	13 ·80	{ 8 ·00 9 ·94	26
24	Sat. 25	14 ·70	10 ·87	27
25	Sun. 26	—**A** ·60	11 ·80	28
26	Mon. 27	1 ·51	12 ·74	29
27	Tues. 28	2 ·44	13 ·69	—30
28	Wed. 29	*Sukla.* 3 ·37	14 ·67	1
29	Thur. 30	4 ·32	15 ·65	2
30	Fri. 31	5 ·29	16 ·65	3

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Raktāksha. **Kanyā—Purattāsi.**	**Sep.**			
—31	Sat. 1	*Sukla.* 6 ·28	17 ·67	4
1	Sun. 2	7 ·29	18 ·71	5
2	Mon. 3	8 ·32	19 ·78	6
3	Tues. 4	9 ·37	20 ·86	7
4	Wed. 5	10 ·43	21 ·95	8
5	Thur. 6	11 ·51	... ...	9
6	Fri. 7	12 ·59	22 ·06	10
7	Sat. 8	13 ·67	23 ·16	11
8	Sun. 9	14 ·75	24 ·28	12
9	Mon. 10	**P** ·82	25 ·37	13
10	Tues. 11	1 ·87	26 ·45	14
11	Wed. 12	2 ·89	27 ·51	15
12	Thur. 13	3 ·90	1 ·54	16
13	Fri. 14	4 ·88	2 ·57	17
14	Sat. 15	5 ·84	3 ·57	18
15	Sun. 16	6 ·79	4 ·55	19
16	Mon. 17	*Bahula.* 7 ·72	5 ·51	20
17	Tues. 18	8 ·64	6 ·46	21
18	Wed. 19	9 ·55	7 ·41	22
19	Thur. 20	10 ·45	8 ·35	23
20	Fri. 21	11 ·35	9 ·27	24
21	Sat. 22	12 ·25	10 ·20	25
22	Sun. 23	13 ·15	11 ·14	26
23	Mon. ● 24	{ 14 ·06 **A** ·98	12 ·08	27
24	Tues. 25	1 ·92	13 ·03	28
25	Wed. 26	2 ·87	{ 14 ·00 15 ·99	—29
26	Thur. 27	3 ·85	16 ·97	1
27	Fri. 28	4 ·85	17 ·98	2
28	Sat. 29	5 ·86	... ...	3
29	Sun. 30	6 ·88	18 ·03	4
	Oct.			
—30	Mon. 1	*Sukla.* 7 ·93	19 ·09	5
1	Tues. 2	8 ·99	20 ·16	6
2	Wed. 3	... ...	21 ·25	7
3	Thur. 4	9 ·07	22 ·35	8
4	Fri. 5	10 ·16	23 ·47	9
5	Sat. 6	11 ·25	24 ·58	10
6	Sun. 7	12 ·33	25 ·67	11
7	Mon. 8	13 ·39	26 ·75	12
8	Tues. 9	14 ·44	27 ·82	13
9	Wed. ○ 10	**P** ·48	1 ·87	14
10	Thur. 11	1 ·48	2 ·89	15
11	Fri. 12	2 ·46	3 ·89	16
12	Sat. 13	3 ·42	4 ·88	17
13	Sun. 14	4 ·37	5 ·84	18
14	Mon. 15	5 ·30	6 ·80	19
15	Tues. 16	6 ·22	7 ·75	20
16	Wed. 17	7 ·13	8 ·68	21
17	Thur. 18	{ 8 ·03 9 ·93	9 ·61	22
18	Fri. 19	10 ·84	10 ·54	23
19	Sat. 20	11 ·75	11 ·47	24
20	Sun. 21	12 ·66	12 ·42	25
21	Mon. 22	13 ·58	13 ·37	26
22	Tues. 23	14 51	14 ·33	27
23	Wed. 24	—**A** ·47	15 ·30	28
24	Thur. 25	1 ·45	16 ·29	29
25	Fri. 26	2 ·44	17 ·31	—30
26	Sat. 27	3 ·44	18 ·34	1
27	Sun. 28	4 ·48	19 ·39	2
28	Mon. 29	5 ·54	20 ·46	3
29	Tues. 30	6 ·61	21 ·55	4
—30	Wed. 31	7 ·69	22 ·67	5

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Raktāksha. **Tulā—Aippasi.**	**Nov.**			
1	Thur. 1	*Sukla.* 8 ·77	23 ·77	6
2	Fri. 2	9 ·86	24 ·87	7
3	Sat. 3	10 ·94	25 ·97	8
4	Sun. 4	... ...	... ...	9
5	Mon. 5	11 ·01	26 ·06	10
6	Tues. 6	12 ·06	27 ·14	11
7	Wed. 7	13 ·09	1 ·18	12
8	Thur. 8	14 ·09	2 ·21	13
9	Fri. 9	**P** ·07	3 ·22	14
10	Sat. 10	{ 1 ·03 2 ·98	4 ·21	15
11	Sun. 11	3 ·92	5 18	16
12	Mon. 12	4 ·84	6 ·14	17
13	Tues. 13	5 ·75	7 ·09	18
14	Wed. 14	*Bahula.* 6 ·65	{ 8 ·02 9 ·95	19
15	Thur. 15	7 ·55	10 ·88	*H.* 1157 *Sha'bān.* 20
16	Fri. 16	8 ·46	11 ·82	21
17	Sat. 17	9 ·37	12 ·76	22
18	Sun. 18	10 ·28	13 ·70	23
19	Mon. 19	11 ·20	14 ·66	24
20	Tues. 20	12 ·14	15 ·63	25
21	Wed. 21	13 ·09	16 ·62	26
22	Thur. 22	14 ·07	17 ·63	27
23	Fri. 23	—**A** ·07	18 ·65	28
24	Sat. 24	1 ·08	19 ·70	—29
25	Sun. 25	2 ·12	20 ·77	1
26	Mon. 26	3 ·17	21 ·86	2
27	Tues. 27	*Sukla.* 4 ·24	22 ·96	3
28	Wed. 28	5 ·32	... ...	4
—29	Thur. 29	6 ·41	23 ·07	5
1	Fri. 30	7 ·50	24 ·17	6
	Dec.			
2	Sat. 1	8 ·58	25 ·27	7
3	Sun. 2	9 ·65	26 ·36	8
4	Mon. 3	10 ·70	27 ·43	9
5	Tues. 4	11 ·73	1 ·50	10
6	Wed. 5	12 ·73	2 ·53	11
7	Thur. 6	13 ·71	3 ·54	12
8	Fri. 7	14 ·67	4 ·53	13
9	Sat. 8	**P** ·62	5 ·52	14
10	Sun. 9	1 ·55	6 ·48	15
11	Mon. 10	2 ·47	7 ·42	16
12	Tues. 11	3 ·38	8 ·36	17
13	Wed. 12	4 ·28	9 ·29	18
14	Thur. 13	5 ·18	10 ·28	19
15	Fri. 14	6 ·09	11 ·16	20
16	Sat. 15	{ 7 ·00 8 ·92	12 ·09	21
17	Sun. 16	9 ·84	{ 13 ·04 14 ·99	22
18	Mon. 17	*Bahula.* 10 ·78	15 ·96	23
19	Tues. 18	11 ·73	16 ·95	24
20	Wed. 19	12 ·71	17 ·95	25
21	Thur. 20	13 ·71	18 ·97	26
22	Fri. 21	14 ·73	.. ...	27
23	Sat. 22	—**A** ·77	19 ·01	28
24	Sun. 23	1 ·82	20 ·08	29
25	Mon. 24	2 ·89	21 ·16	—30
26	Tues. 25	3 ·97	22 ·26	1
27	Wed. 26	*Sukla.*	23 ·36	2
28	Thur. 27	4 ·06	24 ·47	3
29	Fri. 28	5 ·15	25 ·57	4
—30	Sat. 29	6 ·23	26 ·67	5
1	Sun. 30	7 ·30	27 ·75	6
2	Mon. 31	8 ·34	1 ·81	7

Cyclic sidereal year, month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Raktāksha. **Vṛiśchika—Kārttigai.**			
1	*Sukla.* 8 ·77	23 ·77	6
2	9 ·86	24 ·87	7
3	10 ·94	25 ·97	8
4	... ...	... ...	9
5	11 ·01	26 ·06	10
6	12 ·06	27 ·14	11
7	13 ·09	1 ·18	12
8	14 ·09	2 ·21	13
9	**P** ·07	3 ·22	14
10	{ 1 ·03 2 ·98	4 ·21	15
11	3 ·92	5 18	16
12	4 ·84	6 ·14	17
13	5 ·75	7 ·09	18
14	*Bahula.* 6 ·65	{ 8 ·02 9 ·95	19
15	7 ·55	10 ·88	*H.* 1157 *Shawwāl.* 20
16	8 ·46	11 ·82	21
17	9 ·37	12 ·76	22
18	10 ·28	13 ·70	23
19	11 ·20	14 ·66	24
20	12 ·14	15 ·63	25
21	13 ·09	16 ·62	26
22	14 ·07	17 ·63	27
23	—**A** ·07	18 ·65	28
24	1 ·08	19 ·70	—29
25	2 ·12	20 ·77	1
26	3 ·17	21 ·86	2
27	*Sukla.* 4 ·24	22 ·96	3
28	5 ·32	... ...	4
—29	6 ·41	23 ·07	5
1	7 ·50	24 ·17	6
Raktāksha. **Dhanus—Mārgali.**			
2	8 ·58	25 ·27	7
3	9 ·65	26 ·36	8
4	10 ·70	27 ·43	9
5	11 ·73	1 ·50	10
6	12 ·73	2 ·53	11
7	13 ·71	3 ·54	12
8	14 ·67	4 ·53	13
9	**P** ·62	5 ·52	14
10	1 ·55	6 ·48	15
11	2 ·47	7 ·42	16
12	3 ·38	8 ·36	17
13	4 ·28	9 ·29	18
14	5 ·18	10 ·28	19
15	6 ·09	11 ·16	20
16	{ 7 ·00 8 ·92	12 ·09	21
17	9 ·84	{ 13 ·04 14 ·99	22
18	*Bahula.* 10 ·78	15 ·96	23
19	11 ·73	16 ·95	24
20	12 ·71	17 ·95	25
21	13 ·71	18 ·97	26
22	14 ·73	.. ...	27
23	—**A** ·77	19 ·01	28
24	1 ·82	20 ·08	29
25	2 ·89	21 ·16	—30
26	3 ·97	22 ·26	1
27	*Sukla.*	23 ·36	2
28	4 ·06	24 ·47	3
29	5 ·15	25 ·57	4
—30	6 ·23	26 ·67	5
1	7 ·30	27 ·75	6
2	8 ·34	1 ·81	7

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1745. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·51.** **Śaka 1667.** **Kaliyuga 4846.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·42.** **(S. Cycle) Krodhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Tues.	1	9 37	2 85	8	3	Fri.	1	9 49	6 47	8	3	Wed.	1	11 03	13 72	10
4	Wed.	2	10 37	3 86	9	4	Sat.	2	10 42	7 44	9				12 93		
5	Thur.	3	11 35	4 87	10	5	Sun.	3	11 34	8 38	10	4	Thur.	2	13 84	14 67	11
6	Fri.	4	12 31	5 85	11	6	Mon.	4	12 24	9 32	11	5	Fri.	3	14 77	15 62	12
7	Sat.	5	13 26	6 81	12	7	Tues.	5	13 14	10 25	12	6	Sat.	4	P 71	16 58	13
8	Sun.	6	14 20	7 76	13				14 04			7	Sun.	5	1 66	17 57	14
9	Mon.	7	P 12	8 70	14	8	Wed.	6	P 94	11 18	13	8	Mon.	6	2 64	18 57	15
10	Tues.	8	1 02	9 64	15	9	Thur.	7	1 85	12 11	14	9	Tues.	7	3 63	19 59	16
			2 92			10	Fri.	8	2 77	13 04	15	10	Wed.	8	4 64	20 63	17
11	Wed.	9	3 82	10 57	16					14 00					5 68	21 69	
12	Thur.	10	4 72	11 50	17	11	Sat.	9	3 69	15 95	16	11	Thur.	9	6 74	22 77	18
13	Fri.	11	5 63	12 43	18	12	Sun.	10	4 63	16 92	17	12	Fri.	10	7 81	23 87	19
14	Sat.	12	6 55	13 37	19	13	Mon.	11	5 59	17 91	18	13	Sat.	11	8 89	24 97	20
15	Sun.	13	7 48	14 33	20	14	Tues.	12	6 57	18 93	19	14	Sun.	12	9 97	... ..	21
16	Mon.	14	8 42	15 29	21	15	Wed.	13	7 57	19 96	20	15	Mon.	13	... ...	25 08	22
17	Tues.	15	9 38	16 27	22	16	Thur.	14	8 59	... ...	21	16	Tues.	14	10 05	26 18	23
18	Wed.	16	10 36	17 27	23	17	Fri.	15	9 63	20 01	22	17	Wed.	15	11 12	27 28	24
19	Thur.	17	11 35	18 28	24	18	Sat.	16	10 69	21 07	23	18	Thur.	16	12 18	1 36	25
20	Fri.	18	12 37	19 32	25	19	Sun.	17	11 76	22 16	24	19	Fri.	17	13 21	2 42	26
21	Sat.	19	13 42	20 39	26	20	Mon.	18	12 84	23 27	25	20	Sat.	18	14 23	3 46	27
22	Sun.	20	14 48	21 47	27	21	Tues.	19	13 93	24 37	26	21	Sun.	19	A 22	4 48	28
23	Mon.	21	A 55	22 56	28	22	Wed.	20	... ...	25 48	27	22	Mon.	20	1 20	5 49	—29
24	Tues.	22	1 63	23 66	—29	23	Thur.	21	14 01	26 58	28	23	Tues.	21	2 16	6 47	1
25	Wed.	23	2 72	24 77	1	24	Fri. ●	22	A 08	27 67	—29	24	Wed.	22	3 10	7 44	2
26	Thur.	24	3 80	25 88	2	25	Sat.	23	1 14	1 75	1	25	Thur.	23	4 02	8 39	3
27	Fri.	25	4 88	26 98	3	26	Sun.	24	2 18	2 80	2	26	Fri.	24	5 92		4
28	Sat.	26	5 94	... ...	4	27	Mon.	25	3 19	3 83	3	27	Sat.	25	6 82	9 33	5
—29	Sun.	27	6 99	27 06	5	28	Tues.	26	4 19	4 84	4	28	Sun.	26	7 72	10 27	6
1	Mon.	28	...	1 12	6	29	Wed.	27	5 17	5 83	5	29	Mon.	27	8 62	11 20	7
2	Tues.	29	7 01	2 16	7	—30	Thur.	28	6 12	6 80	6	30	Tues.	28	9 52	12 13	8
3	Wed.	30	8 01	3 19	8	1	Fri.	29	7 06	7 77	7	31	Wed	29	10 43	13 06	9
			9 98						8 98							14 00	
4	Thur.	31	10 94	4 19	9	2	Sat.	30	9 90	8 72	8	—32	Thur.	30	11 34	15 96	10
						3	Sun.	31	10 81	9 65	9	1	Fri.	31	12 26	16 92	11
	Feb.						**April.**						**June.**				
5	Fri.	1	11 89	5 17	10	4	Mon.	1	11 71	10 58	10	2	Sat.	1	13 20	17 89	12
6	Sat.	2	12 82	6 14	11	5	Tues.	2	12 61	11 51	11	3	Sun.	2	14 15	18 89	13
7	Sun.	3	13 74	7 09	12	6	Wed.	3	13 51	12 45	12	4	Mon.	3	P 12	19 90	14
				8 04		7	Thur.	4	14 41	13 39	13	5	Tues.	4	1 11	20 95	15
8	Mon.	4	14 65	9 98	13	8	Fri.	5	P 32	14 33	14	6	Wed.	5	2 13	... ...	16
9	Tues.	5	P 55	10 91	14	9	Sat.	6	1 24	15 28	15	7	Thur.	6	3 16	21 00	17
10	Wed.	6	1 45	11 84	15	10	Sun.	7	2 19	16 25	16	8	Fri.	7	4 21	22 08	18
11	Thur.	7	2 35	12 77	16	11	Mon.	8	3 15	17 25	17	9	Sat.	8	5 28	23 17	19
12	Fri.	8	3 26	13 71	17	12	Tues.	9	4 12	18 25	18	10	Sun.	9	6 36	24 27	20
13	Sat.	9	4 17	14 66	18	13	Wed.	10	5 11	19 27	19	11	Mon.	10	7 44	25 37	21
14	Sun.	10	5 09	15 62	19	14	Thur.	11	6 13	20 31	20	12	Tues.	11	8 52	26 49	22
15	Mon.	11	6 04	16 60	20	15	Fri.	12	7 17	21 38	21	13	Wed.	12	9 59	27 59	23
16	Tues.	12	7 00	17 59	21	16	Sat.	13	8 23	22 47	22	14	Thur.	13	10 65	1 67	24
			8 98			17	Sun.	14	9 30	23 57	23	15	Fri.	14	11 69	2 73	25
17	Wed.	13	9 97	18 60	22	18	Mon.	15	10 38	24 67	24	16	Sat.	15	12 71	3 78	26
18	Thur.	14	10 99	19 64	23	19	Tues.	16	11 47	25 78	25	17	Sun.	16	13 70	4 81	27
19	Fri.	15	... ...	20 70	24	20	Wed.	17	12 55	26 88	26	18	Mon.	17	14 68	5 82	28
20	Sat.	16	11 03	21 77	25	21	Thur.	18	13 62	27 98	27	19	Tues.	18	A 64	6 80	29
21	Sun.	17	12 10	22 86	26	22	Fri.	19	14 67	... ...	28	20	Wed.	19	1 58	7 77	—30
22	Mon.	18	13 18	23 96	27	23	Sat.	20	A 71	1 06	29	21	Thur.	20	2 49	8 72	1
23	Tues.	19	14 26	... ...	28	24	Sun.	21	1 73	2 11	30	22	Fri.	21	3 41	9 67	2
24	Wed.	20	A 35	24 08	29	25	Mon.	22	2 73	3 15	1	23	Sat.	22	4 32	10 61	3
25	Thur.	21	1 43	25 18	—30	26	Tues.	23	3 71	4 16	2	24	Sun.	23	5 22	11 54	4
26	Fri.	22	2 50	26 28	1	27	Wed.	24	4 65	5 17	3	25	Mon.	24	6 11	12 47	5
27	Sat.	23	3 55	27 36	2	28	Thur.	25	5 58	6 14	4				7 00		
28	Sun.	24	4 59	1 43	3	29	Fri.	26	6 51	7 10	5	26	Tues.	25	8 90	13 40	6
29	Mon.	25	5 62	2 49	4					8 05		27	Wed.	26	9 81	14 35	7
—30	Tues.	26	6 62	3 51	5	30	Sat.	27	7 43	9 99	6	28	Thur.	27	10 74	15 29	8
1	Wed.	27	7 60	4 52	6	—31	Sun.	28	8 33	10 92	7	29	Fri.	28	11 68	16 25	9
2	Thur.	28	8 55	5 50	7	1	Mon.	29	9 23	11 86	8	30	Sat.	29	12 63	17 22	10
						2	Tues.	30	10 13	12 80	9	--31	Sun.	30	13 60	18 21	11

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4 Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1745. **Kollam 921,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** } **Hijra 1158.** Commences **Jan. 23.** **Vikrama 1802.** **Bengal San. 1151.** **(N. Cycle) Yuva.**

A—Amāvāsyā.
P—Paurnimā.

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.				
Krodhana. **Karkataka—Ādi.**					
1	Mon. 1		14 ·59	19 ·22	12
2	Tues. 2		**P** ·61	20 ·26	13
3	Wed. 3		1 ·64	21 ·31	14
4	Thur. 4		2 ·69	22 ·38	15
5	Fri. 5		3 ·76	23 ·47	16
6	Sat. 6		4 ·83	24 ·57	17
7	Sun. 7		5 ·91	25 ·68	18
8	Mon. 8		6 ·99	26 ·79	19
9	Tues. 9		... ...	27 ·89	20
10	Wed. 10		7 ·07	1 ·97	21
11	Thur. 11		8 ·13	... ...	22
12	Fri. 12		9 ·17	2 ·04	23
13	Sat. 13		10 ·19	3 ·10	24
14	Sun. 14		11 ·18	4 ·13	25
15	Mon. 15		12 ·16	5 ·14	26
16	Tues. 16		13 ·12	6 ·13	27
17	Wed. 17		14 ·06 / **A** ·98	7 ·10	28
18	Thur. 18		1 ·90	8 ·07	—29
19	Fri. 19		2 ·80	9 ·01 / 10 ·94	1
20	Sat. 20		3 ·70	11 ·88	2
21	Sun. 21		4 ·60	12 ·81	3
22	Mon. 22		5 ·50	13 ·75	4
23	Tues. 23		6 ·40	14 ·68	5
24	Wed. 24		7 ·30	15 ·63	6
25	Thur. 25		8 ·22	16 ·58	7
26	Fri. 26		9 ·16	17 ·55	8
27	Sat. 27		10 ·12	18 ·53	9
28	Sun. 28		11 ·09	19 ·55	10
29	Mon. 29		12 ·08	20 ·57	11
30	Tues. 30		13 ·08	21 ·62	12
31	Wed. 31		14 ·11	22 ·68	13
	Aug.				
Krodhana. **Simha—Āvani.**					
—32	Thur. 1		**P** ·16	23 ·77	14
1	Fri. 2		1 ·23	24 ·87	15
2	Sat. 3		2 ·32	25 ·98	16
3	Sun. 4		3 ·41	... ...	17
4	Mon. 5		4 ·49	26 ·09	18
5	Tues. 6		5 ·56	27 ·19	19
6	Wed. 7		6 ·61	1 ·28	20
7	Thur. 8		7 ·65	2 ·36	21
8	Fri. 9		8 ·68	3 ·41	22
9	Sat. 10		9 ·68	4 ·45	23
10	Sun. 11		10 ·65	5 ·46	24
11	Mon. 12		11 ·61	6 ·45	25
12	Tues. 13		12 ·56	7 ·44	26
13	Wed. 14		13 ·49	8 ·40	27
14	Thur. 15		14 ·40	9 ·35	28
15	Fri. 16		—**A** ·30	10 ·28	29
16	Sat. 17		1 ·20	11 ·22	—30
17	Sun. 18		2 ·10	12 ·15	1
18	Mon. 19		3 ·00 / 4 ·90	13 ·08	2
19	Tues. 20		5 ·81	14 ·02 / 15 ·96	3
20	Wed. 21		6 ·74	16 ·91	4
21	Thur. 22		7 ·68	17 ·88	5
22	Fri. 23		8 ·63	18 ·87	6
23	Sat. 24		9 ·60	19 ·87	7
24	Sun. 25		10 ·59	20 ·89	8
25	Mon. 26		11 ·60	21 ·93	9
26	Tues. 27		12 ·63	22 ·99	10
27	Wed. 28		13 ·68	... ...	11
28	Thur. 29		14 ·75	23 ·08	12
29	Fri. 30		**P** ·83	24 ·17	13
30	Sat. 31		1 ·91	25 ·28	14

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.				
Krodhana. **Kanyā—Purattāsi.**					
—31	Sun. 1		... ...	26 ·38	15
1	Mon. 2		2 ·00	27 ·49	16
2	Tues. 3		3 ·08	1 ·59	17
3	Wed. 4		4 ·14	2 ·67	18
4	Thur. 5		5 ·18	3 ·73	19
5	Fri. 6		6 ·21	4 ·76	20
6	Sat. 7		7 ·21	5 ·76	21
7	Sun. 8		8 ·19	6 ·78	22
8	Mon. 9		9 ·15	7 ·76	23
9	Tues. 10		10 ·09	8 ·73	24
10	Wed. 11		11 ·02 / 12 ·94	9 ·68	25
11	Thur. 12		13 ·85	10 ·62	26
12	Fri. 13		14 ·75	11 ·55	27
13	Sat. 14		—**A** ·65	12 ·49	28
14	Sun. 15		1 ·55	13 ·42	—29
15	Mon. 16		2 ·45	14 ·36	1
16	Tues. 17		3 ·36	15 ·30	2
17	Wed. 18		4 ·28	16 ·24	3
18	Thur. 19		5 ·22	17 ·21	4
19	Fri. 20		6 ·17	18 ·18	5
20	Sat. 21		7 ·15	19 ·19	6
21	Sun. 22		8 ·14	20 ·21	7
22	Mon. 23		9 ·15	21 ·24	8
23	Tues. 24		10 ·18	22 ·30	9
24	Wed. 25		11 ·23	23 ·38	10
25	Thur. 26		12 ·30	24 ·47	11
26	Fri. 27		13 ·38	25 ·58	12
27	Sat. 28		14 ·47	26 ·68	13
28	Sun. 29		**P** ·56	27 ·80	14
29	Mon. 30		1 ·64	1 ·89	15
	Oct.				
Krodhana. **Tulā—Aippasi.**					
—30	Tues. 1		2 ·71	2 ·97	16
1	Wed. 2		3 ·75	... ...	17
2	Thur. 3		4 ·77	3 ·04	18
3	Fri. 4		5 ·78	4 ·08	19
4	Sat. 5		6 ·76	5 ·10	20
5	Sun. 6		7 ·72	6 ·11	21
6	Mon. 7		8 ·66	7 ·10	22
7	Tues. 8		9 ·59	8 ·06	23
8	Wed. 9		10 ·51	9 ·02 / 10 ·96	24
9	Thur. 10		11 ·42	11 ·90	25
10	Fri. 11		12 ·32	12 ·83	26
11	Sat. 12		13 ·22	13 ·76	27
12	Sun. 13		14 ·12	14 ·69	28
13	Mon. 14		**A** ·03 / 1 ·94	15 ·63	29
14	Tues. 15		2 ·87	16 ·59	—30
15	Wed. 16		3 ·81	17 ·55	1
16	Thur. 17		4 ·76	18 ·52	2
17	Fri. 18		5 ·74	19 ·51	3
18	Sat. 19		6 ·73	20 ·52	4
19	Sun. 20		7 ·74	21 ·56	5
20	Mon. 21		8 ·77	22 ·61	6
21	Tues. 22		9 ·82	23 ·69	7
22	Wed. 23		10 ·90	24 ·77	8
23	Thur. 24		11 ·99	25 ·87	9
24	Fri. 25		... ...	26 ·98	10
25	Sat. 26		12 ·08	... ...	11
26	Sun. 27		13 ·16	27 ·09	12
27	Mon. 28		14 ·24	1 ·19	13
28	Tues. 29		**P** ·30	2 ·28	14
29	Wed. 30		1 ·35	3 ·35	15
—30	Thur. 31		2 ·38	4 ·40	16

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day
	Nov.				
Krodhana. **Vṛiśchika—Kārttigai.**					
1	Fri. 1		3 ·37	5 ·43	17
2	Sat. 2		4 ·35	6 ·44	18
3	Sun. 3		5 ·32	7 ·43	19
4	Mon. 4		6 ·27	8 ·40	20
5	Tues. 5		7 ·20	9 ·35	21
6	Wed. 6		8 ·12	10 ·31	22
7	Thur. 7		9 ·03 / 10 ·93	11 ·24	23
8	Fri. 8		11 ·83	12 ·17	24
9	Sat. 9		12 ·73	13 ·10	25
10	Sun. 10		13 ·64	14 ·03 / 15 ·98	26
11	Mon. 11		14 ·56	16 ·92	27
12	Tues. 12		—**A** ·49	17 ·88	28
13	Wed. 13		1 ·43	18 ·85	—29
14	Thur. 14		2 ·38	19 ·83	1
15	Fri. 15		3 ·36	20 ·85	2
16	Sat. 16		4 ·35	21 ·88	3
17	Sun. 17		5 ·37	22 ·92	4
18	Mon. 18		6 ·40	23 ·99	5
19	Tues. 19		7 ·46	... ...	6
20	Wed. 20		8 ·53	24 ·07	7
21	Thur. 21		9 ·61	25 ·18	8
22	Fri. 22		10 ·70	26 ·29	9
23	Sat. 23		11 ·79	27 ·39	10
24	Sun. 24		12 ·87	1 ·49	11
25	Mon. 25		13 ·94	2 ·58	12
26	Tues. 26		14 ·99	3 ·66	13
27	Wed. 27		... ...	4 ·72	14
28	Thur. 28		**P** ·01	5 ·77	15
29	Fri. 29		1 ·01 / 2 ·99	6 ·76	16
—30	Sat. 30		3 ·95	7 ·75	17
	Dec.				
Krodhana. **Dhanus—Mārgali.**					
1	Sun. 1		4 ·90	8 ·73	18
2	Mon. 2		5 ·82	9 ·69	19
3	Tues. 3		6 ·74	10 ·64	20
4	Wed. 4		7 ·65	11 ·58	21
5	Thur. 5		8 ·56	12 ·51	22
6	Fri. 6		9 ·46	13 ·44	23
7	Sat. 7		10 ·36	14 ·38	24
8	Sun. 8		11 ·27	15 ·31	25
9	Mon. 9		12 ·18	16 ·26	26
10	Tues. 10		13 ·11	17 ·21	27
11	Wed. 11		14 ·05	18 ·17	28
12	Thur. 12		—**A** ·02	19 ·17	29
13	Fri. 13		1 ·00	20 ·17	—30
14	Sat. 14		2 ·00	21 ·19	1
15	Sun. 15		3 ·01	22 ·23	2
16	Mon. 16		4 ·05	23 ·29	3
17	Tues. 17		5 ·11	24 ·38	4
18	Wed. 18		6 ·18	25 ·48	5
19	Thur. 19		7 ·27	26 ·59	6
20	Fri. 20		8 ·36	27 ·69	7
21	Sat. 21		9 ·45	1 ·79	8
22	Sun. 22		10 ·53	2 ·89	9
23	Mon. 23		11 ·59	3 ·97	10
24	Tues. 24		12 ·63	... ...	11
25	Wed. 25		13 ·65	4 ·03	12
26	Thur. 26		14 ·66	5 ·07	13
27	Fri. 27		**P** ·64	6 ·08	14
28	Sat. 28		1 ·60	7 ·08	15
—29	Sun. 29		2 ·54	8 ·07	16
1	Mon. 30		3 ·47	9 ·03 / 10 ·98	17
2	Tues. 31		4 ·39	11 ·92	18

18. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1746. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·77.** **Śaka 1668.** **Kaliyuga 4847.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·68** **(S. Cycle) Kshaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Wed.	1	5 ·30	12 ·85	19	3	Sat.	1	5 ·14	16 ·26	18	2	Thur.	1	8 ·97	23 ·85	20
4	Thur.	2	6 ·20	13 ·79	20	4	Sun.	2	6 ·06	17 ·22	19	3	Fri.	2	... ...	24 ·91	21
5	Fri.	3	7 ·10	14 ·72	21				7 ·98			4	Sat.	3	9 ·01	25 ·99	22
6	Sat.	4	8 ·00	15 ·65	22	5	Mon.	3	8 ·92	18 ·17	20	5	Sun.	4	10 ·07	... ...	23
7	Sun.	5	9 ·91	16 ·59	23	6	Tues.	4	9 ·89	19 ·14	21	6	Mon.	5	11 ·14	26 ·09	24
8	Mon.	6	10 ·83	17 ·54	24	7	Wed.	5	10 ·87	20 ·18	22	7	Tues.	6	12 ·22	27 ·19	25
9	Tues.	7	11 ·76	18 ·51	25	8	Thur.	6	11 ·86	21 ·14	23	8	Wed.	7	13 ·30	1 ·30	26
10	Wed.	8	12 ·70	19 ·49	26	9	Fri.	7	12 ·89	22 ·18	24	9	Thur.	8	14 ·39	2 ·40	27
11	Thur.	9	13 ·66	20 ·49	27	10	Sat.	8	13 ·94	23 ·23	25	10	Fri.	9	—**A** ·45	3 ·50	28
12	Fri.	10	14 ·64	21 ·50	28	11	Sun.	9	... ...	24 ·29	26	11	Sat.	10	1 ·50	4 ·58	—29
13	Sat.	11	—**A** ·64	22 ·54	29	12	Mon.	10	14 ·00	25 ·38	27	12	Sun.	11	2 ·53	5 ·64	1
14	Sun.	12	1 ·66	23 ·60	—30	13	Tues. ●	11	—**A** ·07	26 ·48	28	13	Mon.	12	3 ·55	6 ·68	2
15	Mon.	13	2 ·70	24 ·69	1	14	Wed.	12	1 ·15	27 ·60	—29	14	Tues.	13	4 ·55	7 ·70	3
16	Tues.	14	3 ·76	25 ·77	2	15	Thur.	13	2 ·24	1 ·70	1	15	Wed.	14	5 ·53	8 ·70	4
17	Wed.	15	4 ·83	26 ·88	3	16	Fri.	14	3 ·32	2 ·80	2	16	Thur.	15	6 ·48	9 ·69	5
18	Thur.	16	5 ·92	27 ·99	4	17	Sat.	15	4 ·39	3 ·89	3	17	Fri.	16	7 ·41	10 ·66	6
19	Fri.	17	... ...	.. ...	5	18	Sun.	16	5 ·45	4 ·96	4	18	Sat.	17	8 ·33	11 ·61	7
20	Sat.	18	6 ·01	1 ·09	6	19	Mon.	17	6 ·48	.. ...	5	19	Sun.	18	9 ·24	12 ·55	8
21	Sun.	19	7 ·10	2 ·20	7	20	Tues.	18	7 ·50	5 ·02	6	20	Mon.	19	10 ·14	13 ·48	9
22	Mon.	20	8 ·18	3 ·28	8	21	Wed.	19	8 ·49	6 ·05	7	21	Tues.	20	11 ·04	14 ·42	10
23	Tues.	21	9 ·24	4 ·34	9	22	Thur.	20	9 ·47	7 ·06	8				12 ·94		
24	Wed.	22	10 ·28	5 ·38	10	23	Fri.	21	10 ·42	8 ·05	9	22	Wed.	21	13 ·84	15 ·35	11
25	Thur.	23	11 ·30	6 ·40	11	24	Sat.	22	11 ·36	9 ·02	10	23	Thur.	22	14 ·74	16 ·28	12
26	Fri.	24	12 ·30	7 ·41	12					10 ·99		24	Fri.	23	**P** ·66	17 ·22	13
27	Sat.	25	13 ·28	8 ·39	13	25	Sun.	23	12 ·29	11 ·94	11	25	Sat.	24	1 ·59	18 ·17	14
28	Sun.	26	14 ·28	9 ·36	14	26	Mon.	24	13 ·21	12 ·87	12	26	Sun.	25	2 ·52	19 ·14	15
29	Mon.	27	**P** ·17	10 ·31	15	27	Tues.	25	14 ·11	13 ·80	13	27	Mon.	26	3 ·48	20 ·11	16
—30	Tues.	28	1 ·19	11 ·25	16	28	Wed.	26	**P** ·01	14 ·73	14	28	Tues.	27	4 ·45	21 ·11	17
			2 ·02						1 ·91			29	Wed.	28	5 ·45	22 ·12	18
1	Wed.	29	3 ·93	12 ·20	17	29	Thur.	27	2 ·81	15 ·66	15	30	Thur.	29	6 ·46	23 ·16	19
2	Thur.	30	4 ·83	13 ·13	18	30	Fri.	28	3 ·72	16 ·61	16	—31	Fri.	30	7 ·50	24 ·22	—20
3	Fri.	31	5 ·73	14 ·06	19	—31	Sat.	29	4 ·63	17 ·55	17	1	Sat.	31	8 ·55	25 ·30	21
			6 ·63	15 ·99		1	Sun.	30	5 ·55	18 ·50	18						
	Feb.					2	Mon.	31	6 ·49	19 ·47	19		**June.**				
4	Sat.	1	7 ·54	16 ·93	20		**April.**					2	Sun.	1	9 ·61	26 ·39	22
5	Sun.	2	8 ·46	17 ·88	21	3	Tues.	1	7 ·45	20 ·45	20	3	Mon.	2	10 ·69	27 ·49	23
6	Mon.	3	9 ·39	18 ·84	22	4	Wed.	2	8 ·43	21 ·47	21	4	Tues.	3	11 ·78	1 ·59	24
7	Tues.	4	10 ·33	19 ·82	23	5	Thur.	3	9 ·43	22 ·49	22	5	Wed.	4	12 ·86	2 ·70	25
8	Wed.	5	11 ·30	20 ·81	24	6	Fri.	4	10 ·46	23 ·54	23	6	Thur.	5	13 ·93	3 ·80	26
9	Thur.	6	12 ·28	21 ·82	25	7	Sat.	5	11 ·50	24 ·60	24	7	Fri.	6	14 ·99	4 ·89	27
10	Fri.	7	13 ·27	22 ·85	26	8	Sun.	6	12 ·55	25 ·68	25	8	Sat.	7	... ...	5 ·95	28
11	Sat.	8	14 ·29	23 ·92	27	9	Mon.	7	13 ·62	26 ·79	26	9	Sun.	8	—**A** ·03	6 ·99	29
12	Sun.	9	—**A** ·33	24 ·99	28	10	Tues.	8	14 ·70	27 ·89	27	10	Mon.	9	1 ·04	.. ...	—30
13	Mon.	10	1 ·39	... ...	29	11	Wed.	9	—**A** ·79	... ...	28	11	Tues.	10	2 ·03	7 ·02	1
14	Tues.	11	2 ·47	25 ·08	—30	12	Thur.	10	1 ·87	1 ·00	29	12	Wed.	11	3 ·01	8 ·03	2
15	Wed.	12	3 ·55	26 ·18	1	13	Fri.	11	2 ·94	2 ·10	—30				4 ·96		
16	Thur.	13	4 ·64	27 ·29	2	14	Sat.	12	3 ·99	3 ·19	1	13	Thur.	12	5 ·90	9 ·02	3
17	Fri.	14	5 ·72	1 ·40	3	15	Sun.	13	... ...	4 ·28	2					10 ·99	
18	Sat.	15	6 ·79	2 ·50	4	16	Mon.	14	4 ·02	5 ·33	3	14	Fri.	13	6 ·82	11 ·94	4
19	Sun.	16	7 ·85	3 ·58	5	17	Tues.	15	5 ·04	6 ·37	4	15	Sat.	14	7 ·73	12 ·88	5
20	Mon.	17	8 ·90	4 ·65	6	18	Wed.	16	6 ·04	7 ·38	5	16	Sun.	15	8 ·63	13 ·83	6
21	Tues.	18	9 ·92	5 ·70	7	19	Thur.	17	7 ·02	8 ·38	6	17	Mon.	16	9 ·53	14 ·76	7
22	Wed.	19	10 ·91	6 ·73	8				8 ·97			18	Tues.	17	10 ·43	15 ·69	8
23	Thur.	20	11 ·89	7 ·74	9	20	Fri.	18	9 ·91	9 ·35	7	19	Wed.	18	11 ·33	16 ·62	9
24	Fri.	21	12 ·84	8 ·72	10	21	Sat.	19	10 ·83	10 ·32	8	20	Thur.	19	12 ·23	17 ·56	10
25	Sat.	22	13 ·78	9 ·69	11	22	Sun.	20	11 ·74	11 ·27	9	21	Fri.	20	13 ·14	18 ·50	11
26	Sun.	23	14 ·71	10 ·65	12	23	Mon.	21	12 ·64	12 ·21	10	22	Sat.	21	14 ·06	19 ·47	12
27	Mon. ○	24	**P** ·63	11 ·60	13	24	Tues.	22	13 ·54	13 ·14	11				**P** ·00		
28	Tues.	25	1 ·54	12 ·54	14	25	Wed.	23	14 ·44	14 ·07	12	23	Sun.	22	1 ·95	20 ·44	13
—29	Wed.	26	2 ·44	13 ·47	15	26	Thur.	24	**P** ·34	15 ·01	13	24	Mon.	23	2 ·92	21 ·43	14
1	Thur.	27	3 ·34	14 ·39	16					16 ·94		25	Tues.	24	3 ·99	22 ·44	15
2	Fri.	28	4 ·24	15 ·33	17	27	Fri.	25	1 ·24	17 ·88	14	26	Wed.	25	4 ·93	23 ·48	16
						28	Sat.	26	2 ·15	18 ·84	15	27	Thur.	26	5 ·87	24 ·53	17
						29	Sun.	27	3 ·08	19 ·80	16	28	Fri.	27	... ...	25 ·60	18
						30	Mon.	28	4 ·02	20 ·79	17	29	Sat.	28	6 ·02	26 ·69	19
									5 ·98			30	Sun.	29	7 ·09	27 ·79	20
						—31	Tues.	29	6 ·95	21 ·79	18	31	Mon.	30	8 ·17	1 ·89	21
						1	Wed.	30	7 ·90	22 ·81	19						

Krodhana. **Makara—Tai.** Krodhana. **Kumbha—Māgh.** Krodhana. **Mīna—Phālguna.** Kshaya. **Mēsha—Chittirai.** Kshaya. **Vrishabha—Vaigāsi.** Kshaya. **Mithuna—Āni.**

Sukla. Bahula. Māgha. Phālguna. Vaisākha. Jyeshtha. Āshādha. H. 1159 Muharram. Safar. Rabī-ul awwal. Rabī-ul ākhir. Jamāda'l awwal. Jamāda'l ākhir.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1746. **Kollam 922,** { **N. Malabar—Sep.** **Hijra 1159.** **Vikrama 1803.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Jan. 13.** **Bengal San. 1152.**
P—Paurnimā. **(N. Cycle) Dhātri.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
—32	Tues.	1	9 ·25	... ...	22	—31	Mon.	1	12 ·49	8 ·00	25	1	Sat.	1	14 ·21	15 ·39	27
1	Wed.	2	10 ·34	2 ·00	23	1	Tues.	2	13 ·45	9 ·00 / 10 ·99	26	2	Sun.	2	—A ·11	16 ·32	28
2	Thur.	3	11 ·41	3 ·11	24	2	Wed.	3	14 ·40	11 ·95	27	3	Mon.	3	1 ·01 / 2 ·92	17 ·25	—29
3	Fri.	4	12 ·46	4 ·19	25	3	Thur.	4	—A ·33	12 ·90	28	4	Tues.	4	3 ·84	18 ·19	1
4	Sat.	5	13 ·50	5 ·26	26	4	Fri.	5	1 ·25	13 ·84	—29	5	Wed.	5	4 ·77	19 ·14	2
5	Sun.	6	14 ·52	6 ·31	27	5	Sat.	6	2 ·15	14 ·77	1	6	Thur.	6	5 ·71	20 ·10	3
6	Mon.	7	—A ·51	7 ·35	28	6	Sun.	7	3 ·05 / 4 ·95	15 ·70	2	7	Fri.	7	6 ·66	21 ·07	4
7	Tues.	8	1 ·49	8 ·36	—29							8	Sat.	8	7 ·64	22 ·05	5
8	Wed.	9	2 ·44	9 ·35	1	7	Mon.	8	5 ·85	16 ·64	3	9	Sun.	9	8 ·64	23 ·06	6
9	Thur.	10	3 ·38	10 ·32	2	8	Tues.	9	6 ·75	17 ·58	4	10	Mon.	10	9 ·65	24 ·10	7
10	Fri.	11	4 ·31	11 ·28	3	9	Wed.	10	7 ·66	18 ·51	5	11	Tues.	11	10 ·69	25 ·14	8
11	Sat.	12	5 ·22	12 ·23	4	10	Thur.	11	8 ·58	19 ·46	6	12	Wed.	12	11 ·75	26 ·21	9
12	Sun.	13	6 ·12	13 ·17	5	11	Fri.	12	9 ·52	20 ·43	7	13	Thur.	13	12 ·83	27 ·29	10
13	Mon.	14	7 ·02 / 8 ·92	14 ·10	6	12	Sat.	13	10 ·47	21 ·41	8	14	Fri.	14	13 ·91	1 ·39	11
				15 ·03 / 16 ·96		13	Sun.	14	11 ·45	22 ·41	9	15	Sat.	15	... ...	2 ·50	12
14	Tues.	15	9 ·82		7	14	Mon.	15	12 ·44	23 ·42	10	16	Sun.	16	14 ·00	3 ·61	13
15	Wed.	16	10 ·72	17 ·90	8	15	Tues.	16	13 ·45	24 ·46	11	17	Mon.	17	P ·09	4 ·71	14
16	Thur.	17	11 ·63	18 ·85	9	16	Wed.	17	14 ·49	25 ·52	12	18	Tues.	18	1 ·16	5 ·80	15
17	Fri.	18	12 ·54	19 ·80	10	17	Thur.	18	P ·55	26 ·60	13	19	Wed.	19	2 ·22	6 ·87	16
18	Sat.	19	13 ·48	20 ·77	11	18	Fri.	19	1 ·62	27 ·69	14	20	Thur.	20	3 ·27	7 ·93	17
19	Sun.	20	14 ·43	21 ·75	12	19	Sat.	20	2 ·71	1 ·80	15	21	Fri.	21	4 ·30	8 ·97	18
20	Mon.	21	P ·41	22 ·76	13	20	Sun.	21	3 ·79	2 ·90	16	22	Sat.	22	5 ·29	9 ·98	19
21	Tues.	22	1 ·40	23 ·79	14	21	Mon.	22	4 ·87	... ...	17	23	Sun.	23	6 ·27	10 ·97	20
22	Wed.	23	2 ·42	24 ·84	15	22	Tues.	23	5 ·94	3 ·01	18	24	Mon.	24	7 ·23	11 ·95	21
23	Thur.	24	3 ·45	25 ·91	16	23	Wed.	24	... ...	4 ·11	19	25	Tues.	25	8 ·17	12 ·92	22
24	Fri.	25	4 ·50	26 ·99	17	24	Thur.	25	6 ·00	5 ·19	20	26	Wed.	26	9 ·10	13 ·86	23
25	Sat.	26	5 ·57	... ...	18	25	Fri.	26	7 ·05	6 ·26	21	27	Thur.	27	10 ·02 / 11 ·93	14 ·80	24
26	Sun.	27	6 ·65	27 ·09	19	26	Sat.	27	8 ·07	7 ·30	22						
27	Mon.	28	7 ·74	1 ·20	20	27	Sun.	28	9 ·07	8 ·32	23	28	Fri.	28	12 ·84	15 ·73	25
28	Tues.	29	8 ·82	2 ·30	21	28	Mon.	29	10 ·05	9 ·32	24	29	Sat.	29	13 ·74	16 ·66	26
29	Wed.	30	9 ·89	3 ·41	22	29	Tues.	30	11 ·02 / 12 ·96	10 ·28	25	—30	Sun.	30	14 ·64	17 ·59	27
30	Thur.	31	10 ·94	4 ·50	23												
	Aug.						**Oct.**						**Dec.**				
—31	Fri.	1	11 ·98	5 ·57	24	30	Wed.	1	13 ·89	11 ·28	26	1	Mon.	1	—A ·54	18 ·54	28
1	Sat.	2	... ...	6 ·63	25	—31	Thur.	2	14 ·80	12 ·24	27	2	Tues.	2	1 ·46	19 ·47	29
2	Sun.	3	12 ·01	7 ·67	26	1	Fri.	3	—A 71	13 ·18	28	3	Wed.	3	2 ·39	20 ·42	—30
3	Mon.	4	13 ·00 / 14 ·98	8 ·68	27	2	Sat.	4	1 ·61	14 ·11	29	4	Thur.	4	3 ·34	21 ·39	1
						3	Sun.	5	2 ·51	15 ·05 / 16 ·98	—30	5	Fri.	5	4 ·30	22 ·38	2
4	Tues.	5	—A ·94	9 ·67	28							6	Sat.	6	5 ·28	23 ·39	3
5	Wed.	6	1 ·88	10 ·65	29	4	Mon.	6	3 ·41	17 ·91	1	7	Sun.	7	6 ·28	24 ·41	4
6	Thur.	7	2 ·80	11 ·62	—30	5	Tues.	7	4 ·31	18 ·85	2	8	Mon.	8	7 ·29	25 ·45	5
7	Fri.	8	3 ·71	12 ·57	1	6	Wed.	8	5 ·22	19 ·80	3	9	Tues.	9	8 ·34	26 ·52	6
8	Sat.	9	4 ·62	13 ·50	2	7	Thur.	9	6 ·15	20 ·77	4	10	Wed.	10	9 ·40	27 ·60	7
9	Sun.	10	5 ·52	14 ·44	3	8	Fri.	10	7 ·09	21 ·74	5	11	Thur.	11	10 ·48	1 ·69	8
10	Mon.	11	6 ·42	15 ·37	4	9	Sat.	11	8 ·05	22 ·73	6	12	Fri.	12	11 ·56	2 ·81	9
11	Tues.	12	7 ·32	16 ·29	5	10	Sun.	12	9 ·03	23 ·74	7	13	Sat.	13	12 ·65	3 ·91	10
12	Wed.	13	8 ·28	17 ·24	6	11	Mon.	13	10 ·03	24 ·78	8	14	Sun.	14	13 ·74	... ...	11
13	Thur.	14	9 ·14	18 ·18	7	12	Tues.	14	11 ·04	25 ·83	9	15	Mon.	15	14 ·81	4 ·01	12
14	Fri.	15	10 ·06 / 11 ·99	19 ·13	8	13	Wed.	15	12 ·08	26 ·91	10	16	Tues.	16	P ·87	5 ·11	13
						14	Thur.	16	13 ·13	27 ·99	11	17	Wed.	17	1 ·92	6 ·18	14
15	Sat.	16	12 ·94	20 ·10	9	15	Fri.	17	14 ·20	... ...	12	18	Thur.	18	2 ·94	7 ·25	15
16	Sun.	17	13 ·91	21 ·08	10	16	Sat.	18	P ·28	1 ·09	13	19	Fri.	19	3 ·93	8 ·29	16
17	Mon.	18	14 ·90	22 ·08	11	17	Sun.	19	1 ·37	2 ·20	14	20	Sat.	20	4 ·91	9 ·30	17
18	Tues. ○	19	P ·91	23 ·11	12	18	Mon.	20	2 ·46	3 ·31	15	21	Sun.	21	5 ·88	10 ·30	18
19	Wed.	20	1 ·95	24 ·15	13	19	Tues.	21	3 ·54	4 ·41	16	22	Mon.	22	6 ·82	11 ·28	19
20	Thur.	21	... ...	25 ·21	14	20	Wed.	22	4 ·60	5 ·49	17	23	Tues.	23	7 ·75	12 ·25	20
21	Fri.	22	2 ·00	26 ·29	15	21	Thur.	23	5 ·64	6 ·57	18	24	Wed.	24	8 ·66	13 ·20	21
22	Sat.	23	3 ·07	27 ·39	16	22	Fri.	24	6 ·66	7 ·61	19	25	Thur.	25	9 ·57	14 ·14	22
23	Sun.	24	4 ·15	1 ·50	17	23	Sat.	25	7 ·67	8 ·64	20	26	Fri.	26	10 ·48	15 ·06	23
24	Mon.	25	5 ·24	2 ·60	18	24	Sun.	26	8 ·65	9 ·66	21	27	Sat.	27	11 ·38	16 ·00 / 17 ·94	24
25	Tues.	26	6 ·32	3 ·70	19	25	Mon.	27	9 ·61	10 64	22						
26	Wed.	27	7 ·39	4 ·80	20	26	Tues.	28	10 ·55	11 ·62	23	28	Sun.	28	12 ·28	18 ·86	25
27	Thur.	28	8 ·45	5 ·89	21	27	Wed.	29	11 ·48	12 ·57	24	—29	Mon.	29	13 ·19	19 ·81	26
28	Fri.	29	9 ·50	6 ·95	22	28	Thur.	30	12 ·40	13 ·52	25	1	Tues.	30	14 ·10	20 ·76	27
29	Sat.	30	10 ·52	7 ·98	23	—29	Fri.	31	13 ·31	14 ·46	26	2	Wed.	31	A ·03 / 1 ·98	21 ·72	28
30	Sun.	31	11 ·51	...	24												

Kshaya. **Karkataka—Ādi.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Kshaya.* **Simha—Avaṇi.** *Śukla.* **Kanyā—Puraṭṭāśi.** *Bahula.* **Āśvina.** *Kshaya.* **Tulā—Aippaśi.** *Śukla.* **Kārttika.** *Bahula.* **Kārttika.** *Kshaya.* **Vṛiśchika—Kārttigai.** *Śukla.* **Mārgaśīrsha.** *Bahula.* **Mārgaśīrsha.** *Kshaya.* **Dhanus—Mārgali.** *Śukla.* **Pausha.** *Bahula.* **Pausha.**

H. 1159 *Rajab.* *H.* 1159 *Sha'bān.* *H.* 1159 *Ramazān.* *H.* 1159 *Shawwāl.* *H.* 1159 *Zi-l-ka'da.* *H.* 1159 *Zi-l-hijja.*

13. Hasta. 14. Chit. 15 Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab

A.D. 1747. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 30·03.** **Śaka 1669.** **Kaliyuga 4848.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·94.** **(S. Cycle) Prabhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Thur.	1	2 ·95	22 ·70	—29	2	Sun.	1	1 ·20	26 ·44	29	2	Fri.	1	3 ·70	5 ·62	2
4	Fri.	2	3 ·93	23 ·71	1	3	Mon.	2	2 ·24	27 ·51	1	3	Sat.	2	4 ·77	6 ·71	3
5	Sat.	3	4 ·92	24 ·72	2	4	Tues.	3	3 ·30	1 ·60	2	4	Sun.	3	5 ·83	7 ·80	4
6	Sun.	4	5 ·94	25 ·75	3	5	Wed.	4	4 ·37	2 ·70	3	5	Mon.	4	6 ·86	8 ·86	5
7	Mon.	5	6 ·98	26 ·80	4	6	Thur.	5	5 ·46	3 ·81	4	6	Tues.	5	7 ·87	9 ·90	6
8	Tues.	6	*Sukla.*	27 ·90	5	7	Fri.	6	6 ·55	4 ·92	5	7	Wed.	6	8 ·86	10 ·92	7
9	Wed.	7	7 ·04	... ...	6	8	Sat.	7	7 ·63	... ...	6	8	Thur.	7	9 ·84	11 ·92	8
10	Thur.	8	8 ·12	1 ·00	7	9	Sun.	8	8 ·70	5 ·02	7	9	Fri.	8	10 ·79	12 ·90	9
11	Fri.	9	9 ·22	2 ·10	8	10	Mon.	9	9 ·75	6 ·11	8	10	Sat.	9	11 ·72	13 ·87	10
12	Sat.	10	10 ·31	3 ·21	9	11	Tues.	10	10 ·79	7 ·18	9	11	Sun.	10	12 ·64	14 ·82	11
13	Sun.	11	11 ·39	4 ·32	10	12	Wed.	11	11 ·80	8 ·23	10	12	Mon.	11	13 ·55	15 ·77	12
14	Mon.	12	12 ·47	5 ·41	11	13	Thur.	12	12 ·80	9 ·27	11	13	Tues.	12	14 ·45	16 ·70	13
15	Tues.	13	13 ·52	6 ·49	12	14	Fri.	13	13 ·77	10 ·28	12	14	Wed.	13	P ·35	17 ·63	14
16	Wed.	14	14 ·56	7 ·56	13	15	Sat.	14	14 ·73	11 ·26	13	15	Thur.	14	1 ·25	18 ·56	15
17	Thur.	15	P ·58	8 ·59	14	16	Sun.	15	P ·67	12 ·24	14	16	Fri.	15	2 ·15	19 ·50	16
18	Fri.	16	1 ·57	9 ·62	15	17	Mon.	16	1 ·59	13 ·20	15				3 ·06		
19	Sat.	17	2 ·55	10 ·63	16	18	Tues.	17	2 ·50	14 ·15	16	17	Sat.	16	4 ·97	20 ·44	17
20	Sun.	18	3 ·52	11 ·61	17	19	Wed.	18	3 ·40	15 ·09	17	18	Sun.	17	5 ·90	21 ·39	18
21	Mon.	19	4 ·46	12 ·58	18					16 ·02		19	Mon.	18	6 ·84	22 ·35	19
22	Tues.	20	*Bahula.* 5 ·38	13 ·52	19	20	Thur.	19	*Bahula.* 4 ·30	17 ·95	18	20	Tues.	19	7 ·80	23 ·33	20
23	Wed.	21	6 ·30	14 ·47	20	21	Fri.	20	5 ·20	18 ·89	19	21	Wed.	20	8 ·78	24 ·33	21
24	Thur.	22	7 ·20	15 ·41	21	22	Sat.	21	6 ·10	19 ·82	20	22	Thur.	21	9 ·77	25 ·34	22
25	Fri.	23	8 ·10	16 ·34	22	23	Sun.	22	7 ·01	20 ·77	21	23	Fri.	22	10 ·79	26 ·38	23
26	Sat.	24	9 ·00	17 ·27	23				8 ·93			24	Sat.	23	11 ·83	27 ·44	24
			10 ·91			24	Mon.	23	9 ·85	21 ·72	22	25	Sun.	24	12 ·89	1 ·51	25
27	Sun.	25	11 ·82	18 ·21	24	25	Tues.	24	10 ·79	22 ·69	23	26	Mon.	25	13 ·96	2 ·60	26
28	Mon.	26	12 ·73	19 ·14	25	26	Wed.	25	11 ·76	23 ·68	24	27	Tues.	26	... ...	3 ·71	27
29	Tues.	27	13 ·66	20 ·09	26	27	Thur.	26	12 ·74	24 ·68	25	28	Wed.	27	14 ·04	4 ·82	28
—30	Wed.	28	14 ·61	21 ·05	27	28	Fri.	27	13 ·74	25 ·71	26	29	Thur.	28	—A ·13	5 ·92	29
1	Thur.	29	—A ·58	22 ·03	28	29	Sat.	28	14 ·77	26 ·75	27	30	Fri.	29	1 ·21	... ...	—30
2	Fri.	30	1 ·56	23 ·03	29	—30	Sun.	29	—A ·81	27 ·82	28	—31	Sat.	30	2 ·27	6 ·02	1
3	Sat.	31	2 ·56	24 ·04	—30	1	Mon.	30	1 ·87	1 ·90	29	1	Sun.	31	3 ·32	7 ·11	2
						2	Tues.	31	2 ·94	... ...	—30						
	Feb.						**April.**						**June.**				
4	Sun.	1	3 ·59	25 ·08	1	3	Wed.	1	... ...	2 ·00	1	2	Mon.	1	4 ·35	8 ·17	3
5	Mon.	2	4 ·63	26 ·13	2	4	Thur.	2	3 ·02	3 ·11	2	3	Tues.	2	5 ·36	9 ·22	4
6	Tues.	3	5 ·69	27 ·21	3	5	Fri.	3	4 ·11	4 ·22	3	4	Wed.	3	6 ·35	10 ·24	5
7	Wed.	4	6 ·76	1 ·30	4	6	Sat.	4	*Sukla.* 5 ·19	5 ·32	4	5	Thur.	4	*Sukla.* 7 ·33	11 ·25	6
8	Thur.	5	7 ·85	2 ·40	5	7	Sun.	5	6 ·26	6 ·41	5	6	Fri.	5	8 ·28	12 ·24	7
9	Fri.	6	8 ·94	3 ·51	6	8	Mon.	6	7 ·31	7 ·49	6	7	Sat.	6	9 ·22	13 ·21	8
10	Sat.	7	*Sukla.*	4 ·62	7	9	Tues.	7	8 ·35	8 ·55	7	8	Sun.	7	10 ·14	14 ·16	9
11	Sun.	8	9 ·02	5 ·72	8	10	Wed.	8	9 ·36	9 ·58	8	9	Mon.	8	11 ·05	15 ·11	10
12	Mon.	9	10 ·09	6 ·80	9	11	Thur.	9	10 ·35	10 ·60	9				12 ·95		
13	Tues.	10	11 ·15	7 ·87	10	12	Fri.	10	11 ·32	11 ·60	10	10	Tues.	9	13 ·85	16 ·04	11
14	Wed.	11	12 ·19	8 ·92	11	13	Sat.	11	12 ·28	12 ·58	11					17 ·97	
15	Thur.	12	13 ·21	9 ·95	12	14	Sun.	12	13 ·21	13 ·54	12	11	Wed.	10	14 ·75	18 ·90	12
16	Fri.	13	14 ·21	10 ·96	13	15	Mon.	13	14 ·13	14 ·49	13	12	Thur.	11	P ·65	19 ·84	13
17	Sat. ○	14	P ·18	11 ·94	14	16	Tues.	14	P ·04	15 ·43	14	13	Fri.	12	1 ·55	20 ·78	14
18	Sun.	15	1 ·13	12 ·91	15				1 ·95			14	Sat.	13	2 ·46	21 ·72	15
19	Mon.	16	2 ·07	13 ·87	16	17	Wed.	15	2 ·85	16 ·36	15	15	Sun.	14	3 ·38	22 ·68	16
			3 ·99			18	Thur.	16	3 ·75	17 ·29	16	16	Mon.	15	4 ·32	23 ·66	17
20	Tues.	17	4 ·91	14 ·81	17	19	Fri.	17	4 ·65	18 ·22	17	17	Tues.	16	5 ·27	24 ·65	18
21	Wed.	18	5 ·82	15 ·75	18	20	Sat.	18	5 ·55	19 ·16	18	18	Wed.	17	6 ·25	25 ·65	19
22	Thur.	19	6 ·73	16 ·68	19	21	Sun.	19	6 ·46	20 ·10	19	19	Thur.	18	*Bahula.* 7 ·24	26 ·69	20
23	Fri.	20	*Bahula.* 7 ·63	17 ·61	20	22	Mon.	20	*Bahula.* 7 ·39	21 ·05	20	20	Fri.	19	8 ·26	27 ·74	21
24	Sat.	21	8 ·50	18 ·55	21	23	Tues.	21	8 ·33	22 ·02	21	21	Sat.	20	9 ·30	1 ·82	22
25	Sun.	22	9 ·43	19 ·48	22	24	Wed.	22	9 ·29	23 ·00	22	22	Sun.	21	10 ·36	2 ·91	23
26	Mon.	23	10 ·34	20 ·43	23	25	Thur.	23	10 ·27	24 ·00	23	23	Mon.	22	11 ·43	... ...	24
27	Tues.	24	11 ·27	21 ·39	24	26	Fri.	24	11 ·27	25 ·02	24	24	Tues.	23	12 ·51	3 ·01	25
28	Wed.	25	12 ·22	22 ·36	25	27	Sat.	25	12 ·29	26 ·07	25	25	Wed.	24	13 ·59	4 ·12	26
29	Thur.	26	13 ·19	23 ·35	26	28	Sun.	26	13 ·33	27 ·13	26	26	Thur.	25	14 ·67	5 ·22	27
—30	Fri.	27	14 ·17	24 ·36	27	29	Mon.	27	14 ·39	1 ·21	27	27	Fri.	26	A ·74	6 ·32	28
1	Sat.	28	—A ·17	25 ·39	28	30	Tues.	28	—A ·46	2 ·30	28	28	Sat.	27	1 ·79	7 ·41	—29
						—31	Wed.	29	1 ·55	3 ·41	—29	29	Sun.	28	*Sukla.* 2 ·83	8 ·48	1
						1	Thur.	30	2 ·63	4 ·51	1	30	Mon.	29	3 ·84	9 ·53	2
												31	Tues.	30	4 ·84	10 ·56	3

Kshaya. **Makara—Tai.** *H.* 1160 *Muharram.* *Kshaya.* **Mīna—Pāṅguni.** *H.* 1160 *Rabī-ul awwal.* *Prabhava.* **Vrishabha—Vaigāsi.** *H.* 1160 *Rabī-ul ākhir.*

Kshaya. **Kumbha—Māsi.** *H.* 1160 *Safar.* *Prabhava.* **Mēsha—Chittirai.** *H.* 1160 *Rabī-ul ākhir.* *Prabhava.* **Mithuna—Āni.** *H.* 1160 *Jamāda'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7 Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1747. **Kollam 923,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra** { **1160.** / **1161.** Commences **Jan. 2.** / Do. **Dec. 22.** **Vikrama 1804.** **Bengal San. 1153.** **(N. Cycle) Īśvara.**

A—Amāvāsyā. Commences
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
—32	Wed.	1	*Śukla.* 5 ·80	11 ·57	4	—31	Tues.	1	8 ·24	19 ·86	7	—30	Sun.	1	11 ·93	25 ·27	9
1	Thur.	2	6 ·76	12 ·56	5	1	Wed.	2	9 ·14	20 ·79	8	1	Mon.	2	12 ·93	26 ·28	10
2	Fri.	3	7 ·70	13 ·52	6	2	Thur.	3	10 ·05 / 11 ·97	21 ·73	9	2	Tues.	3	13 ·95	27 ·31	11
3	Sat.	4	8 ·62	14 ·50	7	3	Fri.	4	12 ·89	22 ·68	10	3	Wed.	4	14 ·99	1 ·36	12
4	Sun.	5	9 ·53	15 ·44	8	4	Sat.	5	13 ·83	23 ·65	11	4	Thur.	5	... ...	2 ·42	13
5	Mon.	6	10 ·43	16 ·38	9	5	Sun.	6	14 ·78	24 ·63	12	5	Fri.	6	P ·05	3 ·51	14
6	Tues.	7	11 ·33	17 ·31	10	6	Mon.	7	P ·75	25 ·62	13	6	Sat.	7	1 ·12	4 ·61	15
7	Wed.	8	12 ·23	18 ·24	11	7	Tues.	8	1 ·75	26 ·64	14	7	Sun.	8	2 ·21	5 ·72	16
8	Thur.	9	13 ·13	19 ·18	12	8	Wed.	9	2 ·76	27 ·68	15	8	Mon.	9	3 ·30	6 ·83	17
9	Fri.	10	14 ·03 / P ·94	20 ·11	13	9	Thur.	10	3 ·80	1 ·74	16	9	Tues.	10	4 ·38	7 ·93	18
10	Sat.	11	1 ·86	21 ·06	14	10	Fri.	11	4 ·86	2 ·82	17	10	Wed.	11	5 ·46	... ...	19
11	Sun.	12	2 ·80	22 ·02 / 23 ·99	15	11	Sat.	12	5 ·93	3 ·91	18	11	Thur.	12	6 ·52	8 ·02	20
12	Mon.	13	3 ·75	24 ·97	16	12	Sun.	13	... ...	... ...	19	12	Fri.	13	7 ·57	9 ·10	21
13	Tues.	14	4 ·73	25 ·98	17	13	Mon.	14	6 ·01	4 ·01	20	13	Sat.	14	8 ·58	10 ·15	22
14	Wed.	15	5 ·73	... ...	18	14	Tues.	15	7 ·09	5 ·12	21	14	Sun.	15	9 ·57	11 ·18	23
15	Thur.	16	6 ·75	26 ·01	19	15	Wed.	16	8 ·18	6 ·23	22	15	Mon.	16	10 ·55	12 ·20	24
16	Fri.	17	7 ·78	27 ·06	20	16	Thur.	17	9 ·26	7 ·33	23	16	Tues.	17	11 ·51	13 ·19	25
17	Sat.	18	8 ·83	1 ·12	21	17	Fri.	18	10 ·32	8 ·41	24	17	Wed.	18	12 ·46	14 ·17	26
18	Sun.	19	9 ·90	2 ·20	22	18	Sat.	19	11 ·35	9 ·47	25	18	Thur.	19	13 ·39	15 ·13	27
19	Mon.	20	10 ·98	3 ·30	23	19	Sun.	20	12 ·37	10 ·52	26	19	Fri.	20	14 ·31	16 ·07	28
20	Tues.	21	... ...	4 ·41	24	20	Mon.	21	13 ·37	11 ·54	27	20	Sat.	21	—A ·22	17 ·01 / 18 ·94	29
21	Wed.	22	11 ·07	5 ·52	25	21	Tues.	22	14 ·35	12 ·55	28	21	Sun.	22	1 ·12	19 ·88	—30
22	Thur.	23	12 ·15	6 ·62	26	22	Wed.	23	—A ·31	13 ·53	29	22	Mon.	23	2 ·02 / 3 ·92	20 ·81	1
23	Fri.	24	13 ·22	7 ·72	27	23	Thur.	24	1 ·25	14 ·50	—30	23	Tues.	24	4 ·83	21 ·75	2
24	Sat.	25	14 ·27	8 ·79	28	24	Fri.	25	2 ·18	15 ·45	1	24	Wed.	25	5 ·74	22 ·69	3
25	Sun.	26	—A ·31	9 ·85	29	25	Sat.	26	3 ·09	16 ·40	2	25	Thur.	26	6 ·67	23 ·64	4
26	Mon.	27	1 ·32	10 ·88	—30	26	Sun.	27	4 ·00 / 5 ·91	17 ·34	3	26	Fri.	27	7 ·62	24 ·61	5
27	Tues.	28	2 ·32	11 ·90	1	27	Mon.	28	6 ·81	18 ·27	4	27	Sat.	28	8 ·58	25 ·60	6
28	Wed.	29	3 ·29	12 ·89	2	28	Tues.	29	7 ·71	19 ·20	5	28	Sun.	29	9 ·56	26 ·60	7
29	Thur.	30	4 ·25	13 ·87	3	29	Wed.	30	8 ·61	20 ·13	6	—29	Mon.	30	10 ·56	27 ·62	8
30	Fri.	31	5 ·19	14 ·83	4												
	Aug.						**Oct.**						**Dec.**				
—31	Sat.	1	6 ·11	15 ·78	5	30	Thur.	1	9 ·53	21 ·07	7	1	Tues.	1	11 ·59	1 ·67	9
1	Sun.	2	7 ·03 / 8 ·93	16 ·72	6	—31	Fri.	2	10 ·45	22 ·02 / 23 ·98	8	2	Wed.	2	12 ·63	2 ·73	10
2	Mon.	3	9 ·83	17 ·65	7	1	Sat.	3	11 ·39	24 ·95	9	3	Thur.	3	13 ·69	3 ·82	11
3	Tues.	4	10 ·73	18 ·59	8	2	Sun.	4	12 ·35	25 ·95	10	4	Fri.	4	14 ·77	4 ·91	12
4	Wed.	5	11 ·63	19 ·52	9	3	Mon.	5	13 ·33	26 ·96	11	5	Sat.	5	P ·86	... ...	13
5	Thur.	6	12 ·53	20 ·45	10	4	Tues.	6	14 ·32	27 ·99	12	6	Sun.	6	1 ·95	5 ·02	14
6	Fri.	7	13 ·44	21 ·40	11	5	Wed.	7	P ·34	... ...	13	7	Mon.	7	... ...	6 ·13	15
7	Sat.	8	14 ·36	22 ·35	12	6	Thur.	8	1 ·38	1 ·05	14	8	Tues.	8	2 ·03	7 ·28	16
8	Sun.	9	P ·30	23 ·32	13	7	Fri.	9	2 ·43	2 ·12	15	9	Wed.	9	3 ·10	8 ·33	17
9	Mon.	10	1 ·25	24 ·30	14	8	Sat.	10	3 ·50	3 ·21	16	10	Thur.	10	4 ·16	9 ·40	18
10	Tues.	11	2 ·23	25 ·30	15	9	Sun.	11	4 ·59	4 ·31	17	11	Fri.	11	5 ·20	10 ·46	19
11	Wed.	12	3 ·23	26 ·32	16	10	Mon.	12	5 ·68	5 ·42	18	12	Sat.	12	6 ·22	11 ·50	20
12	Thur.	13	4 ·24	27 ·37	17	11	Tues.	13	6 ·77	6 ·53	19	13	Sun.	13	7 ·22	12 ·52	21
13	Fri.	14	5 ·27	1 ·43	18	12	Wed.	14	7 ·85	7 ·63	20	14	Mon.	14	8 ·19	13 ·52	22
14	Sat.	15	6 ·33	2 ·51	19	13	Thur.	15	8 ·90	8 ·71	21	15	Tues.	15	9 ·15	14 ·50	23
15	Sun.	16	7 ·40	3 ·61	20	14	Fri.	16	9 ·93	9 ·78	22	16	Wed.	16	10 ·10	15 ·46	24
16	Mon.	17	8 ·48	4 ·71	21	15	Sat.	17	10 ·95	10 ·84	23	17	Thur.	17	11 ·03 / 12 ·95	16 ·41	25
17	Tues.	18	9 ·57	5 ·82	22	16	Sun.	18	11 ·95	11 ·86	24	18	Fri.	18	13 ·85	17 ·35	26
18	Wed.	19	10 ·65	6 ·93	23	17	Mon.	19	12 ·94	12 ·87	25	19	Sat.	19	14 ·75	18 ·28	27
19	Thur.	20	11 ·72	... ...	24	18	Tues.	20	13 ·90	13 ·86	26	20	Sun.	20	—A ·65	19 ·22	28
20	Fri.	21	12 ·78	7 ·02	25	19	Wed.	21	14 ·85	14 ·83	27	21	Mon.	21	1 ·56	20 ·15	—29
21	Sat.	22	13 ·81	8 ·10	26	20	Thur.	22	—A ·77	15 ·79	28	22	Tues.	22	2 ·47	21 ·09	1
22	Sun.	23	14 ·83	9 ·16	27	21	Fri.	23	1 ·68	16 ·74	—29	23	Wed.	23	3 ·39	22 ·02 / 23 ·98	2
23	Mon.	24	—A ·85	10 ·20	28	22	Sat.	24	2 ·59	17 ·67	1	24	Thur.	24	4 ·32	24 ·94	3
24	Tues.	25	1 ·80	11 ·22	—29	23	Sun.	25	3 ·49	18 ·61	2	25	Fri.	25	5 ·26	25 ·92	4
25	Wed.	26	2 ·76	12 ·22	1	24	Mon.	26	4 ·38	19 ·54	3	26	Sat.	26	6 ·22	26 ·92	5
26	Thur.	27	3 ·70	13 ·20	2	25	Tues.	27	5 ·29	20 ·47	4	27	Sun.	27	7 ·21	27 ·95	6
27	Fri.	28	4 ·63	14 ·17	3	26	Wed.	28	6 ·20	21 ·41	5	28	Mon.	28	8 ·21	1 ·99	7
28	Sat.	29	5 ·54	15 ·12	4	27	Thur.	29	7 ·12	22 ·35	6	29	Tues.	29	9 ·23	... ...	8
29	Sun.	30	6 ·44	16 ·06 / 17 ·99	5	28	Fri.	30	8 ·05 / 9 ·99	23 ·31	7	—30	Wed	30	10 ·28	3 ·04	9
30	Mon.	31	7 ·31	18 ·93	6	29	Sat.	31	10 ·95	24 ·28	8	1	Thur.	31	11 ·34	3 ·12	10

Prabhava. **Karkaṭaka—Ādi.** *Bahula.* **Āshāḍha.** *Śukla.* *Bahula.* **Śrāvaṇa.** *Śukla.* *Bahula.* *H.* 1160 *Rajab.*

Prabhava. **Siṁha—Āvaṇi.** *Śukla.* *Bahula.* *H.* 1160 *Sha'bán.*

Prabhava. **Kanyā—Puraṭṭāśi.** *Śukla.* *Bahula.* *H.* 1160 *Ramazán.*

Prabhava. **Tulā—Aippaśi.** *Śukla.* *Bahula.* *H.* 1160 *Shawwál.*

Prabhava. **Vṛśchika—Kārttigai.** *Śukla.* *Bahula.* *H.* 1160 *Zi-l-ka'da.*

Prabhava. **Dhanus—Mārgali.** *Śukla.* *Bahula.* *H.* 1161 *Muharram.*

Prabhava. **Makara—Tai.** *Śukla.* *Bahula.* *H.* 1161 *Safar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1748. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·29.** **Śaka 1670.** **Kaliyuga 4849.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·20.** **(S. Cycle) Vibhava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Prabhava. **Makara—Tai.** 2	Fri.	1	12 ·42	4 ·21	11	3	Tues.	1	12 ·00	9 ·32	12	3	Sun.	1	14 ·10	15 ·12	14
3	Sat.	2	13 ·51	5 ·32	12	4	Wed.	2	13 ·05	10 ·40	13	4	Mon.	2	P ·04	16 ·09	15
4	Sun.	3	14 ·60	6 ·43	13	5	Thur.	3	14 ·09	11 ·45	14				1 ·96		
5	Mon.	4	P ·68	7 ·53	14	6	Fri.	4	P ·10	12 ·48	15	5	Tues.	3	2 ·87	17 ·04	16
6	Tues.	5	1 ·75	8 ·63	15	7	Sat.	5	1 ·09	13 ·49	16					18 ·98	
7	Wed.	6	2 ·81	9 ·71	16	8	Sun.	6	2 ·06	14 ·48	17	6	Wed.	4	3 ·77	19 ·92	17
8	Thur.	7	3 ·85	10 ·78	17	9	Mon.	7	3 ·02	15 ·45	18	7	Thur.	5	4 ·67	20 ·85	18
9	Fri.	8	4 ·86	11 ·82	18				4 ·96			8	Fri.	6	5 ·57	21 ·78	19
10	Sat.	9	5 ·86	12 ·84	19	10	Tues.	8	5 ·89	16 ·42	19	9	Sat.	7	6 ·47	22 ·71	20
11	Sun.	10	6 ·84	13 ·84	20	11	Wed.	9	6 ·80	17 ·37	20	10	Sun.	8	7 ·37	23 ·66	21
12	Mon.	11	7 ·80	14 ·83	21	12	Thur.	10	7 ·70	18 ·30	21	11	Mon.	9	8 ·29	24 ·61	22
13	Tues.	12	8 ·74	15 ·79	22	13	Fri.	11	8 ·60	19 ·24	22	12	Tues.	10	9 ·22	25 ·57	23
14	Wed.	13	9 ·67	16 ·75	23	14	Sat.	12	9 ·50	20 ·17	23	13	Wed.	11	10 ·16	26 ·55	24
15	Thur.	14	10 ·58	17 ·69	24	15	Sun.	13	10 ·40	21 ·09	24	14	Thur.	12	11 ·12	27 ·54	25
16	Fri.	15	11 ·49	18 ·63	25	16	Mon.	14	11 ·31	22 ·04	25	15	Fri.	13	12 ·09	1 ·56	26
17	Sat.	16	12 ·39	19 ·56	26					23 ·98		16	Sat.	14	13 ·09	2 ·61	27
18	Sun.	17	13 ·29	20 ·49	27	17	Tues.	15	12 ·23	24 ·94	26	17	Sun.	15	14 ·11	3 ·65	28
19	Mon.	18	14 ·19	21 ·42	28	18	Wed.	16	13 ·16	25 ·81	27	18	Mon.	16	—A ·16	4 ·73	29
20	Tues.	19	—A ·10	22 ·36	29	19	Thur.	17	14 ·10	26 ·89	28	19	Tues.	17	1 ·22	5 ·82	—30
21	Wed.	20	1 ·02	23 ·31	—30	20	Fri.	18	—A ·06	27 ·90	29	20	Wed.	18	2 ·29	6 ·92	1
			2 ·96			21	Sat.	19	1 ·05	1 ·92	—30	21	Thur.	19	3 ·37	... ...	2
22	Thur.	21	3 ·91	24 ·27	1	22	Sun.	20	2 ·05	2 ·97	1	22	Fri.	20	4 ·45	7 ·03	3
23	Fri.	22	4 ·87	25 ·25	2	23	Mon.	21	3 ·08	... ...	2	23	Sat.	21	5 ·53	8 ·14	4
24	Sat.	23	5 ·84	26 ·24	3	24	Tues.	22	4 ·12	3 ·04	3	24	Sun.	22	6 ·59	9 ·24	5
25	Sun.	24	6 ·85	27 ·26	4	25	Wed.	23	5 ·18	4 ·12	4	25	Mon.	23	7 ·64	10 ·32	6
26	Mon.	25	7 ·88	1 ·30	5	26	Thur.	24	6 ·26	5 ·22	5	26	Tues.	24	8 ·67	11 ·39	7
27	Tues.	26	8 ·93	2 ·35	6	27	Fri.	25	7 ·34	6 ·33	6	27	Wed.	25	9 ·68	12 ·45	8
28	Wed.	27	9 ·99	3 ·43	7	28	Sat.	26	8 ·44	7 ·44	7	28	Thur.	26	10 ·68	13 ·46	9
—29	Thur.	28	... ...	4 ·52	8	29	Sun.	27	9 ·52	8 ·54	8	29	Fri.	27	11 ·65	14 ·47	10
1	Fri.	29	10 ·07	5 ·62	9	—30	Mon.	28	10 ·58	9 ·63	9	30	Sat.	28	12 ·60	15 ·45	11
2	Sat.	30	11 ·15	6 ·73	10	1	Tues.	29	11 ·63	10 ·71	10	31	Sun.	29	13 ·53	16 ·42	12
3	Sun.	31	12 ·24	7 ·84	11	2	Wed.	30	12 ·66	11 ·76	11	—32	Mon.	30	14 ·45	17 ·38	13
						3	Thur.	31	13 ·66	12 ·80	12	1	Tues.	31	P ·36	18 ·32	14
	Feb.						**April.**						**June.**				
Prabhava. **Kumbha—Māśi.** 4	Mon.	1	13 ·32	8 ·94	12	4	Fri.	1	14 ·65	13 ·83	13	2	Wed.	1	1 ·26	19 ·26	15
5	Tues.	2	14 ·40	... ...	13	5	Sat.	2	P ·62	14 ·81	14	3	Thur.	2	2 ·16	20 ·19	16
6	Wed.	○3	P ·46	9 ·02	14	6	Sun.	3	1 ·57	15 ·79	15	4	Fri.	3	3 ·06	21 ·12	17
7	Thur.	4	1 ·49	10 ·09	15	7	Mon.	4	2 ·51	16 ·75	16				4 ·96		
8	Fri.	5	2 ·50	11 ·13	16	8	Tues.	5	3 ·44	17 ·70	17	5	Sat.	4	5 ·87	22 ·05	18
9	Sat.	6	3 ·49	12 ·16	17	9	Wed.	6	4 ·35	18 ·64	18					23 ·99	
10	Sun.	7	4 ·47	13 ·17	18	10	Thur.	7	5 ·25	19 ·58	19	6	Sun.	5	6 ·78	24 ·94	19
11	Mon	8	5 ·42	14 ·16	19	11	Fri.	8	6 ·15	20 ·51	20	7	Mon.	6	7 ·70	25 ·90	20
12	Tues.	9	6 ·36	15 ·12	20	12	Sat.	9	7 ·05	21 ·44	21	8	Tues.	7	8 ·64	26 ·87	21
13	Wed.	10	7 ·29	16 ·08	21				8 ·95			9	Wed.	8	9 ·60	27 ·87	22
14	Thur.	11	8 ·20	17 ·03	22	13	Sun.	10	9 ·85	22 ·38	22	10	Thur.	9	10 ·58	1 ·88	23
				18 ·97		14	Mon.	11	10 ·77	23 ·32	23	11	Fri.	10	11 ·57	2 ·91	24
15	Fri.	12	9 ·11	19 ·90	23	15	Tues.	12	11 ·70	24 ·27	24	12	Sat.	11	12 ·59	3 ·96	25
16	Sat.	13	10 ·01	20 ·83	24	16	Wed.	13	12 ·64	25 ·24	25	13	Sun.	12	13 ·64	... ..	26
			11 ·91			17	Thur.	14	13 ·61	26 ·22	26	14	Mon.	13	14 ·70	4 ·04	27
17	Sun.	14	12 ·81	21 ·76	25	18	Fri.	15	14 ·59	27 ·22	27	15	Tues.	14	—A ·77	5 ·12	28
18	Mon.	15	13 ·72	22 ·70	26	19	Sat.	16	—A ·58	1 ·24	28	16	Wed.	15	1 ·85	6 ·22	—29
19	Tues.	16	14 ·63	23 ·65	27	20	Sun.	17	1 ·61	2 ·28	—29	17	Thur.	16	2 ·93	7 ·33	1
20	Wed.	17	—A ·56	24 ·61	28	21	Mon.	18	2 ·65	3 ·34	1	18	Fri.	17	... .	8 ·44	2
21	Thur.	18	1 ·52	25 ·58	—29	22	Tues.	19	3 ·71	4 ·43	2	19	Sat.	18	3 ·01	9 ·54	3
22	Fri.	19	2 ·49	26 ·57	1	23	Wed.	20	4 ·79	5 ·52	3	20	Sun.	19	4 ·07	10 ·63	4
23	Sat.	20	3 ·47	27 ·58	2	24	Thur.	21	5 ·89	6 ·62	4	21	Mon.	20	5 ·12	11 ·70	5
24	Sun.	21	4 ·46	1 ·61	3	25	Fri.	22	6 ·97	7 ·73	5	22	Tues.	21	6 ·15	12 ·75	6
25	Mon.	22	5 ·49	2 ·66	4	26	Sat.	23	... ...	8 ·84	6	23	Wed.	22	7 ·17	13 ·76	7
26	Tues.	23	6 ·54	3 ·73	5	27	Sun.	24	7 ·04	9 ·94	7	24	Thur.	23	8 ·16	14 ·79	8
27	Wed.	24	7 ·60	4 ·82	6	28	Mon.	25	8 ·10	... ...	8	25	Fri.	24	9 ·13	15 ·78	9
28	Thur.	25	8 ·68	5 ·92	7	29	Tues.	26	9 ·15	10 ·02	9	26	Sat.	25	10 ·08	16 ·75	10
29	Fri.	26	9 ·77	... ...	8	30	Wed.	27	10 ·18	11 ·08	10	27	Sun.	26	11 ·01	17 ·71	11
—30	Sat.	27	10 ·86	6 ·03	9	—31	Thur.	28	11 ·19	12 ·12	11				12 ·93		
1	Sun.	28	11 ·94	7 ·14	10	1	Fri.	29	12 ·18	13 ·14	12	28	Mon.	27	13 ·84	18 ·66	12
2	Mon.	29	... ...	8 ·24	11	2	Sat.	30	13 ·15	14 ·14	13	29	Tues.	28	14 ·74	19 ·60	13
												30	Wed.	29	P ·64	20 ·53	14
												—31	Thur.	30	1 ·54	21 ·46	15

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1748. **Kollam 924,** { **N. Malabar—Sep.** **Hijra 1162.** **Vikrama 1805.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Dec. 11.** **Bengal San. 1154.**
P—Paurnimā. **(N. Cycle) Bahudhānya.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Vibhava. **Karkaṭaka—Ādi.**	**July.**	*Bahula.*	**Āshāḍha.**	*H.* 1161 *Rajab.*	*Vibhava.* **Kanyā—Puraṭṭāsi.**	**Sep.**	*Bahula.*		*H.* 1161 *Ramaẓān.*	*Vibhava.* **Vṛiśchika—Kārttigai.**	**Nov.**	*Bahula.*		
1	1 Fri.	2 ·44	22 ·39	16	—31	Thur. 1	5 ·06	3 ·39	19	1	Tues. 1	7 ·60	... ...	21
2	2 Sat.	3 ·35	23 ·33	17	1	Fri. 2	6 ·08	4 ·96	20	2	Wed. 2	8 ·68	9 ·05	22
3	3 Sun.	4 ·27	24 ·27	18	2	Sat. 3	7 ·12	... ...	21	3	Thur. 3	9 ·75	10 ·14	23
4	4 Mon.	5 ·20	25 ·23	19	3	Sun. 4	8 18	5 ·03	22	4	Fri. 4	10 ·81	11 ·24	24
5	5 Tues.	6 ·13	26 ·20	20	4	Mon. 5	9 ·25	6 ·13	23	5	Sat. 5	11 ·85	12 ·31	25
6	6 Wed.	7 ·08	27 ·19	21	5	Tues. 6	10 ·33	7 ·23	24	6	Sun. 6	12 ·87	13 ·37	26
7	7 Thur.	8 ·06	1 ·20	22	6	Wed. 7	11 ·41	8 ·34	25	7	Mon. 7	13 ·87	14 ·40	27
8	8 Fri.	9 ·05	2 ·23	23	7	Thur. 8	12 ·49	9 ·45	26	8	Tues. 8	14 ·84	15 ·41	28
9	9 Sat.	10 ·07	3 ·27	24	8	Fri. 9	13 ·56	10 ·54	27	9	Wed. 9	—**A** ·80	16 ·41	29
10	10 Sun.	11 ·11	4 ·34	25	9	Sat. 10	14 ·62	11 ·63	28	10	Thur. 10	1 ·74	17 ·38	—30
11	11 Mon.	12 ·16	5 ·43	26	10	Sun. 11	—**A** ·66	12 ·69	29	11	Fri. 11	2 ·67	18 ·34	1
12	12 Tues.	13 ·23	6 ·53	27	11	Mon. 12	1 ·67	13 ·74	—30	12	Sat. 12	3 ·59	19 ·29	2
13	13 Wed.	14 ·31	7 ·63	28	12	Tues. 13	2 ·67	14 ·76	1	13	Sun. 13	4 ·50	20 ·23	3
14	Thur.●14	—**A** ·40	8 ·74	29	13	Wed. 14	3 ·65	15 ·76	2	14	Mon. 14	5 ·40	21 ·16	4
15	15 Fri.	1 ·48	9 ·84	—30	14	Thur. 15	4 ·61	16 ·75	3	15	Tues. 15	6 ·30	22 ·09	5
16	16 Sat.	2 ·54	10 ·93	1	15	Fri. 16	5 ·55	17 ·72	4	16	Wed. 16	7 ·20	23 ·03 } 24 ·96 }	6
17	17 Sun.	3 ·59	... ...	2	16	Sat. 17	6 ·47	18 ·67	5	17	Thur. 17	8 ·11	25 ·89	7
18	18 Mon.	4 ·63	11 ·01	3	17	Sun. 18	7 ·39	19 ·62	6	18	Fri. 18	9 ·03 } 10 ·96 }	26 ·86	8
19	19 Tues.	5 ·65	12 ·06	4	18	Mon. 19	8 ·30	20 ·55	7	19	Sat. 19	11 ·90	27 ·83	9
20	20 Wed.	6 ·63	13 ·10	5	19	Tues. 20	9 ·20	21 ·48	8	20	Sun. 20	12 ·86	1 ·81	10
21	21 Thur.	7 ·60	14 ·12	6	20	Wed. 21	10 ·10	22 ·41	9	21	Mon. 21	13 ·84	2 ·82	11
22	22 Fri.	8 ·56	15 ·11	7	21	Thur. 22	11 ·00 } 12 ·90 }	23 ·35	10	22	Tues. 22	14 ·85	3 ·84	12
23	23 Sat.	9 ·50	16 ·08	8	22	Fri. 23	13 ·82	24 ·29	11	23	Wed. 23	**P** ·87	4 ·89	13
24	24 Sun.	10 ·42	17 ·05 } 18 ·99 }	9	23	Sat. 24	14 ·75	25 ·23	12	24	Thur. 24	1 ·92	5 ·95	14
25	25 Mon.	11 ·33	19 ·93	10	24	Sun. 25	**P** ·69	26 ·20	13	25	Fri. 25	2 ·98	... ...	15
26	26 Tues.	12 ·24	20 ·87	11	25	Mon. 26	1 ·65	27 ·17	14	26	Sat. 26	... ...	6 ·03	16
27	27 Wed.	13 ·14	21 ·80	12	26	Tues. 27	2 ·63	1 ·16	15	27	Sun. 27	3 ·06	7 ·13	17
28	Thur.○28	14 ·04 } **P** ·94 }	22 ·73	13	27	Wed. 28	3 ·63	2 ·18	16	28	Mon. 28	4 ·14	8 ·24	18
29	29 Fri.	1 ·84	23 ·67	14	28	Thur. 29	4 ·64	3 ·21	17	—29	Tues. 29	5 ·23	9 ·35	19
30	30 Sat.	2 ·75	24 ·61	15	29	Fri. 30	5 ·68	4 ·27	18	1	Wed. 30	6 ·32	10 ·45	20
31	31 Sun.	3 ·68	25 ·57	16										
Vibhava. **Siṁha—Āvaṇi.**	**Aug.**	*Sukla.*	**Bhādrapada.**	*H.* 1161 *Sha'bān.*		**Oct.**	*Sukla.*	**Āśvina.**	*H.* 1161 *Shavvāl.*		**Dec.**	*Bahula.*	**Pausha.**	*H.* 1162 *Muḥarram.*
—32	1 Mon.	4 ·62	26 ·53	17	—30	Sat. 1	6 ·74	5 ·34	19	2	Thur. 1	7 ·40	11 ·54	21
1	2 Tues.	5 ·57	27 ·53	18	1	Sun. 2	7 ·81	6 ·43	20	3	Fri. 2	8 ·45	12 ·62	22
2	3 Wed.	6 ·55	1 ·52	19	2	Mon. 3	8 ·89	7 ·53	21	4	Sat. 3	9 ·49	13 ·68	23
3	4 Thur.	7 ·54	2 ·54	20	3	Tues. 4	9 ·98	8 ·64	22	5	Sun. 4	10 ·52	14 ·72	24
4	5 Fri.	8 ·56	3 ·58	21	4	Wed. 5	... ...	9 ·75	23	6	Mon. 5	11 ·51	15 ·74	25
5	6 Sat.	9 ·60	4 ·65	22	5	Thur. 6	10 ·07	10 ·85	24	7	Tues. 6	12 ·48	16 ·73	26
6	7 Sun.	10 ·66	5 ·73	23	6	Fri. 7	11 ·14	11 ·93	25	8	Wed. 7	13 ·43	17 ·71	27
7	8 Mon.	11 ·73	6 ·83	24	7	Sat. 8	12 ·19	... ...	26	9	Thur. 8	14 ·37	18 ·68	28
8	9 Tues.	12 ·81	7 ·93	25	8	Sun. 9	13 ·23	12 ·00	27	10	Fri. 9	—**A** ·30	19 ·63	29
9	10 Wed.	13 ·90	... ...	26	9	Mon. 10	14 ·25	13 ·05	28	11	Sat. 10	1 ·22	20 ·57	—30
10	11 Thur.	14 ·98	8 ·04	27	10	Tues. 11	—**A** ·26	14 ·08	—29	12	Sun. 11	2 ·13	21 ·50	1
11	12 Fri.	... ...	9 ·15	28	11	Wed. 12	1 ·23	15 ·09	1	13	Mon. 12	3 ·03 } 4 ·93 }	22 ·44	2
12	13 Sat.	—**A** ·04	10 ·24	—29	12	Thur. 13	2 ·19	16 ·08	2	14	Tues. 13	5 ·83	23 ·37	3
13	14 Sun.	1 ·09	11 ·32	1	13	Fri. 14	3 ·13	17 ·05	3	15	Wed. 14	6 ·74	24 ·30	4
14	15 Mon.	2 ·12	12 ·38	2	14	Sat. 15	4 ·05 } 5 ·97 }	18 ·01 } 19 ·95 }	4	16	Thur. 15	7 ·66	25 ·24	5
15	16 Tues.	3 ·14	13 ·42	3	15	Sun. 16	6 ·88	20 ·89	5	17	Fri. 16	8 ·59	26 ·19	6
16	17 Wed.	4 ·14	14 ·44	4	16	Mon. 17	7 ·78	21 ·82	6	18	Sat. 17	9 ·54	27 ·16	7
17	18 Thur.	5 ·12	15 ·43	5	17	Tues. 18	8 ·68	22 ·75	7	19	Sun. 18	10 ·51	1 ·14	8
18	19 Fri.	6 ·07	16 ·42	6	18	Wed. 19	9 ·59	23 ·69	8	20	Mon. 19	11 ·50	2 ·14	9
19	20 Sat.	7 ·01 } 8 ·94 }	17 ·38	7	19	Thur. 20	10 ·50	24 ·62	9	21	Tues. 20	12 ·50	3 ·16	10
20	21 Sun.	9 ·85	18 ·33	8	20	Fri. 21	11 ·41	25 ·57	10	22	Wed. 21	13 ·51	4 ·20	11
21	22 Mon.	10 ·75	19 ·28	9	21	Sat. 22	12 ·33	26 ·53	11	23	Thur. 22	14 ·56	5 ·26	12
22	23 Tues.	11 ·65	20 ·21	10	22	Sun. 23	13 ·27	27 ·59	12	24	Fri. 23	**P** ·63	6 ·34	13
23	24 Wed.	12 ·55	21 ·14	11	23	Mon. 24	14 ·24	1 ·49	13	25	Sat. 24	1 ·71	7 ·44	14
24	25 Thur.	13 ·45	22 ·07	12	24	Tues. 25	**P** ·22	2 ·50	14	26	Sun. 25	2 ·79	8 ·54	15
25	26 Fri.	14 ·35	23 ·01 } 24 ·95 }	13	25	Wed. 26	1 ·22	3 ·53	15	27	Mon. 26	3 ·89	9 ·64	16
26	27 Sat.	**P** ·27	25 ·90	14	26	Thur. 27	2 ·24	4 ·57	16	28	Tues. 27	4 ·97	10 ·75	17
27	28 Sun.	1 ·20	26 ·87	15	27	Fri. 28	3 ·28	5 ·64	17	29	Wed. 28	... ...	11 ·85	18
28	29 Mon.	2 ·14	27 ·84	16	28	Sat. 29	4 ·34	6 ·73	18	—30	Thur. 29	5 ·05	12 ·93	19
29	30 Tues.	3 ·09	1 ·84	17	29	Sun. 30	5 ·42	7 ·83	19	1	Fri. 30	6 ·11	13 ·99	20
30	31 Wed.	4 ·07	2 ·86	18	—30	Mon. 31	6 ·51	8 ·94	20	2	Sat. 31	7 ·14	... ...	21

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1749. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 29·55.** **Śaka 1671.** **Kaliyuga 4850.**
Lunar Eclipse. ○ (Arya Sid.) **March 29·46.** **(S. Cycle) Śukla.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
3	Sun.	1	8 ·16	14 ·04	22	3	Wed.	1	8 ·25	19 ·64	22	3	Mon.	1	11 ·68	26 ·87	24
4	Mon.	2	9 ·15	15 ·06	23	4	Thur.	2	9 ·17	20 ·58	23	4	Tues.	2	12 ·60	27 ·82	25
5	Tues.	3	10 ·13	16 ·06	24	5	Fri.	3	10 ·09 / 11 ·99	21 ·52	24	5	Wed.	3	13 ·53	1 ·78	26
6	Wed.	4	11 ·08	17 ·04	25	6	Sat.	4	12 ·89	22 ·46	25	6	Thur.	4	14 ·48	2 ·76	27
7	Thur.	5	12 ·02 / 13 ·95	18 ·01 / 19 ·96	26	7	Sun.	5	13 ·79	23 ·39	26	7	Fri.	5	—**A** ·43	3 ·76	28
8	Fri.	6	14 ·86	20 ·91	27	8	Mon.	6	14 ·69	24 ·32	27	8	Sat.	6	1 ·42	4 ·78	29
9	Sat.	7	—**A** ·77	21 ·84	28	9	Tues.	7	—**A** ·60	25 ·25	28	9	Sun.	7	2 ·42	5 ·81	--30
10	Sun.	8	1 ·66	22 ·77	29	10	Wed.	8	1 ·52	26 ·20	29	10	Mon.	8	3 ·45	6 ·87	1
11	Mon.	9	2 ·56	23 ·71	—30	11	Thur.	9	2 ·45	27 ·15	—30	11	Tues.	9	4 ·50	7 ·95	2
12	Tues.	10	3 ·47	24 ·64	1	12	Fri.	10	3 ·40	1 ·12	1	12	Wed.	10	5 ·55	... ...	3
13	Wed.	11	4 ·38	25 ·58	2	13	Sat.	11	4 ·37	2 ·11	2	13	Thur.	11	6 ·63	8 ·04	4
14	Thur.	12	5 ·31	26 ·53	3	14	Sun.	12	5 ·35	3 ·12	3	14	Fri.	12	7 ·71	9 ·14	5
15	Fri.	13	6 ·23	27 ·49	4	15	Mon.	13	6 ·36	4 ·14	4	15	Sat.	13	8 ·80	10 ·25	6
16	Sat.	14	7 ·18	1 ·47	5	16	Tues.	14	7 ·39	5 ·19	5	16	Sun.	14	9 ·87	11 ·36	7
17	Sun.	15	8 ·15	2 ·46	6	17	Wed.	15	8 ·42	6 ·26	6	17	Mon.	15	10 ·93	12 ·46	8
18	Mon.	16	9 ·14	3 ·48	7	18	Thur.	16	9 ·49	7 ·34	7	18	Tues.	16	11 ·98	13 ·54	9
19	Tues.	17	10 ·14	4 ·51	8	19	Fri.	17	10 ·57	8 ·44	8	19	Wed.	17	... ...	14 ·61	10
20	Wed.	18	11 ·16	5 ·57	9	20	Sat.	18	11 ·66	9 ·55	9	20	Thur.	18	12 ·01	15 ·65	11
21	Thur.	19	12 ·22	6 ·64	10	21	Sun.	19	12 ·75	10 ·66	10	21	Fri.	19	13 ·02	16 ·68	12
22	Fri.	20	13 ·29	7 ·73	11	22	Mon.	20	13 ·83	11 ·76	11	22	Sat.	20	14 ·00 / **P** ·97	17 ·68	13
23	Sat.	21	14 ·36	8 ·84	12	23	Tues.	21	14 ·89	12 ·85	12	23	Sun.	21	1 ·92	18 ·67	14
24	Sun.	22	**P** ·44	9 ·95	13	24	Wed.	22	**P** ·95	13 ·92	13	24	Mon.	22	2 ·85	19 ·64	15
25	Mon.	23	1 ·54	... ..	14	25	Thur.	23	1 ·98	14 ·98	14	25	Tues.	23	3 ·77	20 ·60	16
26	Tues.	24	2 ·62	10 ·05	15	26	Fri.	24	2 ·98	... ...	15	26	Wed.	24	4 ·68	21 ·54	17
27	Wed.	25	3 ·70	11 ·15	16	27	Sat.	25	3 ·97	15 ·02	16	27	Thur.	25	5 ·57	22 ·48	18
28	Thur.	26	4 ·75	12 ·23	17	28	Sun.	26	4 ·93	16 ·04	17	28	Fri.	26	6 ·47	23 ·41	19
—29	Fri.	27	5 ·79	13 ·30	18	29	Mon.	27	5 ·89	17 ·03	18	29	Sat.	27	7 ·38	24 ·34	20
1	Sat.	28	6 ·80	14 ·35	19	—30	Tues.	28	6 ·82	18 ·01 / 19 ·97	19	30	Sun.	28	8 ·28	25 ·27	21
2	Sun.	29	7 ·78	15 ·38	20	1	Wed.	29	7 ·74	20 ·92	20	31	Mon.	29	9 ·19	26 ·21	22
3	Mon.	30	8 ·76	16 ·39	21	2	Thur.	30	8 ·65	21 ·86	21	—32	Tues.	30	10 ·10	27 ·16	23
4	Tues.	31	9 ·71	17 ·37	22	3	Fri.	31	9 ·55	22 ·80	22	1	Wed.	31	11 ·02 / 12 ·96	1 ·12	24
	Feb.						**April.**						**June.**				
5	Wed.	1	10 ·65	18 ·34	23	4	Sat.	1	10 ·45	23 ·73	23	2	Thur.	1	13 ·92	2 ·09	25
6	Thur.	2	11 ·57	19 ·30	24	5	Sun.	2	11 ·35	24 ·66	24	3	Fri.	2	14 ·91	3 ·08	26
7	Fri.	3	12 ·49	20 ·23	25	6	Mon.	3	12 ·25	25 ·59	25	4	Sat.	3	—**A** ·90	4 ·10	27
8	Sat.	4	13 ·39	21 ·18	26	7	Tues.	4	13 ·16	26 ·54	26	5	Sun.	4	1 ·93	5 ·12	28
9	Sun.	5	14 ·29	22 ·12 / 23 ·05	27	8	Wed.	5	14 ·08	27 ·49	27	6	Mon.	5	2 ·97	6 ·18	—29
10	Mon.	6	**A** ·20	24 ·98	28	9	Thur.	6	**A** ·00 / 1 ·95	1 ·45	28	7	Tues.	6	.. ...	7 ·25	1
11	Tues.	7	1 ·09	25 ·92	—29	10	Fri.	7	2 ·92	2 ·44	—29	8	Wed.	7	3 ·02	8 ·34	2
12	Wed.	8	2 ·01 / 3 ·92	26 ·87	1	11	Sat.	8	3 ·90	3 ·44	1	9	Thur.	8	4 ·10	9 ·44	3
13	Thur.	9	4 ·85	27 ·82	2	12	Sun.	9	4 ·91	4 ·46	2	10	Fri.	9	5 ·19	10 ·55	4
14	Fri.	10	5 ·80	1 ·79	3	13	Mon.	10	5 ·93	5 ·50	3	11	Sat.	10	6 ·27	11 ·66	5
15	Sat.	11	6 ·78	2 ·79	4	14	Tues.	11	6 ·98	6 ·56	4	12	Sun.	11	7 ·34	12 ·76	6
16	Sun.	12	7 ·76	3 ·80	5	15	Wed.	12	... ...	7 ·64	5	13	Mon.	12	8 ·41	13 ·85	7
17	Mon	13	8 ·76	4 ·83	6	16	Thur.	13	7 ·04	8 ·74	6	14	Tues.	13	9 ·46	14 ·90	8
18	Tues	14	9 ·79	5 ·88	7	17	Fri.	14	8 ·12	9 ·84	7	15	Wed.	14	10 ·49	15 ·97	9
19	Wed.	15	10 ·83	6 ·95	8	18	Sat.	15	9 ·20	10 ·95	8	16	Thur.	15	11 ·50	.. ...	10
20	Thur.	16	11 ·90	.. ..	9	19	Sun.	16	10 ·29	.. ..	9	17	Fri.	16	12 ·48	16 ·00	11
21	Fri.	17	12 ·99	7 ·04	10	20	Mon.	17	11 ·36	11 ·06	10	18	Sat.	17	13 ·43	17 ·01	12
22	Sat.	18	... ...	8 ·14	11	21	Tues.	18	12 ·43	12 ·15	11	19	Sun.	18	14 ·40	18 ·00 / 19 ·97	13
23	Sun.	19	13 ·08	9 ·24	12	22	Wed.	19	13 ·49	13 ·23	12	20	Mon. ○	19	**P** ·34	20 ·93	14
24	Mon.	20	14 ·16	10 ·35	13	23	Thur.	20	14 ·51	14 ·30	13	21	Tues.	20	1 ·26	21 ·88	15
25	Tues.	21	**P** ·23	11 ·46	14	24	Fri.	21	**P** ·52	15 ·33	14	22	Wed.	21	2 ·17	22 ·82	16
26	Wed.	22	1 ·31	12 ·54	15	25	Sat.	22	1 ·50	16 ·35	15	23	Thur.	22	3 ·06 / 4 ·96	23 ·75	17
27	Thur.	23	2 ·36	13 ·62	16	26	Sun.	23	2 ·47	17 ·36	16	24	Fri.	23	5 ·86	24 ·68	18
28	Fri.	24	3 ·40	14 ·67	17	27	Mon.	24	3 ·42	18 ·34	17	25	Sat.	24	6 ·76	25 ·62	19
29	Sat.	25	4 ·41	15 ·70	18	28	Tues.	25	4 ·35	19 ·31	18	26	Sun.	25	7 ·67	26 ·55	20
—30	Sun.	26	5 ·40	16 ·71	19	29	Wed.	26	5 ·27	20 ·26	19	27	Mon.	26	8 ·58	27 ·49	21
1	Mon.	27	6 ·36	17 ·70	20	30	Thur.	27	6 ·18	21 ·20	20	28	Tues.	27	9 ·50	1 ·45	22
2	Tues.	28	7 ·32	18 ·68	21	—31	Fri.	28	7 ·09 / 8 ·98	22 ·14	21	29	Wed.	28	10 ·44	2 ·42	23
						1	Sat.	29	9 ·88	23 ·07 / 24 ·99	22	30	Thur.	29	11 ·40	3 ·41	24
						2	Sun.	30	10 ·77	25 ·93	23	—31	Fri.	30	12 ·38	4 ·41	25

Vibhava. **Makara—Tai.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Phālguna.** *Bahula.* *Vibhava.* **Kumbha—Māsi.**

H. 1162 *Safar.* *H.* 1162 *Rabī-ul awwal.* *Vibhava.* **Mīna—Paiguni.** *Śukla.* **Mēsha—Chittirai.** *H.* 1162 *Rabī-ul ākhir.* *H.* 1162 *Jamāda'l awwal.* *Śukla.* **Vrishabha—Vaigāsi.** *Śukla.* **Jyeshṭha.** *Bahula.* **Āshāḍha.** *Śukla.* **Mithuna—Āni.** *Śukla.* **Āshāḍha.** *Bahula.* *H.* 1162 *Jamāda'l ākhir.* *H.* 1162 *Rajab.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1749. **Kollam 925,** { **N. Malabar—Sep.** **Hijra 1163.** **Vikrama 1806.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 30.** **Bengal San. 1155.**
P—Paurnimā. **(N. Cycle) Pramāthin.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Śukla. **Karkaṭaka—Āḍi.** 1	Sat. 1	13 ·38	5 ·44	26
2	Sun. 2	14 ·41	6 ·49	27
3	Mon. 3	--**A** ·45	7 ·56	28
4	Tues. 4	1 ·50	8 ·64	29
5	Wed. 5	2 ·58	9 ·74	—30
6	Thur. 6	3 ·67	10 ·85	1
7	Fri. 7	4 ·73	11 ·96	2
8	Sat. 8	5 ·80	... ...	3
9	Sun. 9	*Śukla.* 6 ·88	12 ·06	4
10	Mon. 10	7 ·94	13 ·15	5
11	Tues. 11	8 ·97	14 ·23	6
12	Wed. 12	9 ·98	15 ·28	7
13	Thur. 13	10 ·97	16 ·32	8
14	Fri. 14	11 ·93	17 ·33	9
15	Sat. 15	12 ·88	18 ·33	10
16	Sun. 16	13 ·82	19 ·30	11
17	Mon. 17	14 ·75	20 ·27	12
18	Tues. 18	**Śrāvaṇa.** P ·65	21 ·21	13
19	Wed. 19	1 ·55	22 ·15	14
20	Thur. 20	2 ·45	23 ·08	15
21	Fri. 21	3 ·34	24 ·02 25 ·95	16
22	Sat. 22	4 ·24	26 ·89	17
23	Sun. 23	5 ·15	27 ·83	18
24	Mon. 24	6 ·07 7 ·99	1 ·78	19
25	Tues. 25	8 ·92	2 ·75	20
26	Wed. 26	*Bahula.* 9 ·89	3 ·73	21
27	Thur. 27	10 ·87	4 ·74	22
28	Fri. 28	11 ·87	5 ·76	23
29	Sat. 29	12 ·88	6 ·80	24
30	Sun. 30	13 ·92	7 ·86	25
31	Mon. 31	14 ·99	8 ·95	26
	Aug.			
—32	Tues. 1	... ...	... ...	27
1	Wed. 2	**A** ·06	9 ·04	28
2	Thur. 3	1 ·14	10 ·15	—29
3	Fri. 4	2 ·22	11 ·26	1
4	Sat. 5	*Śukla.* 3 ·31	12 ·36	2
5	Sun. 6	4 ·37	13 ·46	3
6	Mon. 7	5 ·42	14 ·54	4
7	Tues. 8	6 ·45	15 ·60	5
8	Wed. 9	7 ·47	16 ·64	6
9	Thur. 10	8 ·46	17 ·66	7
10	Fri. 11	9 ·44	18 ·65	8
11	Sat. 12	10 ·40	19 ·64	9
12	Sun. 13	11 ·33	20 ·60	10
13	Mon. 14	12 ·25	21 ·55	11
14	Tues. 15	13 ·15	22 ·49	12
15	Wed. 16	**Bhādrapada.** 14 ·05 P ·96	23 ·43	13
16	Thur. 17	1 ·85	24 ·36	14
17	Fri. 18	2 ·76	25 ·29	15
18	Sat. 19	3 ·66	26 ·23	16
19	Sun. 20	4 ·58	27 ·17	17
20	Mon. 21	5 ·50	1 ·12	18
21	Tues. 22	6 ·44	2 ·08	19
22	Wed. 23	7 ·40	3 ·06	20
23	Thur. 24	*Bahula.* 8 ·38	4 ·06	21
24	Fri. 25	9 ·39	5 ·08	22
25	Sat 26	10 ·40	6 ·11	23
26	Sun. 27	11 ·44	7 ·17	24
27	Mon. 28	12 ·49	8 ·25	25
28	Tues. 29	13 ·56	9 ·35	26
29	Wed. 30	14 ·65	10 ·45	27
30	Thur. 31	--**A** ·73	11 ·56	28

H. 1162 *Śa'bān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
—31	Fri. 1			
1	Sat. 2			
2	Sun. 3			
3	Mon. 4			
4	Tues. 5			
5	Wed. 6			
6	Thur. 7			
7	Fri. 8			
8	Sat. 9			
Śukla. **Kanyā—Puraṭṭāśi.** 9	Sun. 10			
10	Mon. 11			
11	Tues. 12			
12	Wed. 13			
13	Thur. 14			
14	Fri. 15			
15	Sat. 16			
16	Sun. 17			
17	Mon. 18			
18	Tues. 19			
19	Wed. 20			
20	Thur. 21			
21	Fri. 22			
22	Sat. 23			
23	Sun. 24			
24	Mon. 25			
25	Tues. 26			
26	Wed. 27			
27	Thur. 28			
28	Fri. 29			
29	Sat. 30			
	Oct.			
—30	Sun. 1			
1	Mon. 2			
2	Tues. 3			
3	Wed. 4			
4	Thur. 5			
5	Fri. 6			
6	Sat. 7			
7	Sun. 8			
8	Mon. 9			
9	Tues. 10			
10	Wed. 11			
Śukla. **Tulā—Aippaśi.** 11	Thur. 12			
12	Fri. 13			
13	Sat. 14			
14	Sun. 15			
15	Mon. 16			
16	Tues. 17			
17	Wed. 18			
18	Thur. 19			
19	Fri. 20			
20	Sat. 21			
21	Sun. 22			
22	Mon. 23			
23	Tues. 24			
24	Wed. 25			
25	Thur. 26			
26	Fri. 27			
27	Sat. 28			
28	Sun. 29			
29	Mon. 30			
—30	Tues. 31			

H. 1162 *Ramaḍn.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Śukla. **Nija Bhādrapada.** 1	Fri. 1	1 ·82	12 ·66	29
2	Sat. 2	2 ·89	13 ·76	—30
3	Sun. 3	3 ·95	14 ·85	1
4	Mon. 4	4 ·98	15 ·91	2
5	Tues. 5	... ...	16 ·95	3
6	Wed. 6	5 ·01 6 ·99	17 ·98	4
7	Thur. 7	7 ·96	18 ·98	5
8	Fri. 8	8 ·92	19 ·97	6
9	Sat. 9	9 ·86	20 ·93	7
10	Sun. 10	10 ·78	21 ·89	8
11	Mon. 11	11 ·68	22 ·83	9
12	Tues. 12	12 ·59	23 ·77	10
13	Wed. 13	13 ·50	24 ·70	11
14	Thur. 14	14 ·39	25 ·63	12
15	Fri. 15	P ·29	26 ·56	13
16	Sat. 16	1 ·19	27 ·50	14
17	Sun. 17	2 ·11	1 ·45	15
18	Mon. 18	3 ·04 4 ·99	2 ·41	16
19	Tues. 19	5 ·94	3 ·39	17
20	Wed. 20	6 ·92	4 ·38	18
21	Thur. 21	7 ·92	5 ·40	19
22	Fri. 22	*Bahula.* 8 ·94	6 ·43	20
23	Sat. 23	9 ·99	7 ·48	21
24	Sun. 24	... ...	8 ·56	22
25	Mon. 25	10 ·04	9 ·65	23
26	Tues. 26	11 ·12	10 ·75	24
27	Wed. 27	12 ·20	11 ·86	25
28	Thur. 28	13 ·29	12 ·96	26
29	Fri. 29	14 ·38	... ...	27
30	Sat. 30	**A** ·45	13 ·07	28
	Oct.			
—30	Sun. 1	1 ·51	14 ·15	29
1	Mon. 2	2 ·54	15 ·22	1
2	Tues. 3	3 ·57	16 ·27	2
3	Wed. 4	4 ·55	17 ·30	3
4	Thur. 5	5 ·53	18 ·30	4
5	Fri. 6	*Śukla.* 6 ·49	19 ·30	5
6	Sat. 7	7 ·42	20 ·27	6
7	Sun. 8	8 ·35	21 ·22	7
8	Mon. 9	9 ·25	22 ·17	8
9	Tues. 10	10 ·16	23 ·11	9
10	Wed. 11	11 ·07 12 ·97	24 ·04 25 ·97	10
11	Thur. 12	13 ·87	26 ·90	11
12	Fri. 13	14 ·77	27 ·84	12
13	Sat. 14	P ·70	1 ·79	13
14	Sun. 15	1 ·62	2 ·75	14
15	Mon. 16	2 ·57	3 ·72	15
16	Tues. 17	3 ·52	4 ·71	16
17	Wed. 18	4 ·51	5 ·71	17
18	Thur. 19	5 ·52	6 ·74	18
19	Fri. 20	6 ·54	7 ·79	19
20	Sat. 21	7 ·58	8 ·86	20
21	Sun. 22	8 ·64	9 ·95	21
22	Mon. 23	*Bahula.* 9 ·72	... ...	22
23	Tues. 24	10 ·80	10 ·05	23
24	Wed. 25	11 ·90	11 ·16	24
25	Thur. 26	12 ·98	12 ·27	25
26	Fri. 27	... ...	13 ·37	26
27	Sat. 28	13 ·05	14 ·46	27
28	Sun. 29	14 ·10	15 ·53	28
29	Mon. 30	**A** ·13	16 ·58	29
—30	Tues. 31	1 ·17	17 ·62	30

H. 1162 *Shawwāl.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
1	Wed. 1	2 ·15	18 ·63	1
2	Thur. 2	3 ·13	19 ·62	2
3	Fri. 3	4 ·09	20 ·60	3
4	Sat. 4	5 ·03 6 ·95	21 ·56	4
5	Sun. 5	7 ·87	22 ·51	5
6	Mon. 6	8 ·77	23 ·45	6
7	Tues. 7	9 ·67	24 ·38	7
8	Wed. 8	10 ·58	25 ·31	8
9	Thur. 9	11 ·48	26 ·24	9
10	Fri. 10	12 ·39	27 ·18	10
11	Sat. 11	13 ·31	1 ·12	11
12	Sun. 12	14 ·24	2 ·08	12
13	Mon. 13	P ·18	3 ·05	13
14	Tues. 14	1 ·14	4 ·03	14
15	Wed. 15	2 ·13	5 ·03	15
16	Thur. 16	3 ·13	6 ·06	16
17	Fri. 17	4 ·16	7 ·11	17
18	Sat. 18	5 ·20	8 ·17	18
19	Sun. 19	6 ·27	9 ·25	19
20	Mon. 20	7 ·35	10 ·35	20
21	Tues. 21	8 ·43	11 ·46	21
22	Wed. 22	9 ·52	12 ·56	22
23	Thur. 23	10 ·60	13 ·67	23
24	Fri. 24	11 ·68	14 ·76	24
25	Sat. 25	12 ·74	15 ·84	25
26	Sun. 26	13 ·78	16 ·90	26
27	Mon. 27	14 ·80	17 ·94	27
28	Tues. 28	**A** ·79	18 ·94	28
29	Wed. 29	1 ·76	19 ·96	—29
—30	Thur. 30	2 ·71	20 ·93	1
	Dec.			
1	Fri. 1	3 ·65	21 ·89	2
2	Sat. 2	4 ·57	22 ·84	3
3	Sun. 3	5 ·49	23 ·79	4
4	Mon. 4	6 ·40	24 ·72	5
5	Tues. 5	7 ·31	25 ·65	6
6	Wed. 6	8 ·20	26 ·58	7
7	Thur. 7	9 ·11	27 ·52	8
8	Fri. 8	10 ·02 11 ·93	1 ·46	9
9	Sat. 9	12 ·87	2 ·41	10
10	Sun. 10	13 ·82	3 ·38	11
11	Mon. 11	14 ·79	4 ·36	12
12	Tues. ○ 12	P ·77	5 ·36	13
13	Wed. 13	1 ·78	6 ·38	14
14	Thur. 14	2 ·81	7 ·52	15
15	Fri. 15	3 ·85	8 ·48	16
16	Sat. 16	4 ·92	9 ·56	17
17	Sun. 17	... ...	10 ·65	18
18	Mon. 18	5 ·00	11 ·76	19
19	Tues. 19	6 ·09	12 ·86	20
20	Wed. 20	7 ·18	13 ·96	21
21	Thur. 21	8 ·27	... ...	22
22	Fri. 22	*Bahula.* 9 ·33	14 ·07	23
23	Sat. 23	10 ·38	15 ·15	24
24	Sun. 24	11 ·42	16 ·21	25
25	Mon. 25	12 ·44	17 ·25	26
26	Tues. 26	13 ·43	18 ·28	27
27	Wed. 27	14 ·40	19 ·28	28
28	Thur. ● 28	**A** ·37	20 ·26	29
—29	Fri. 29	1 ·30	21 ·23	30
1	Sat. 30	2 ·21	22 ·18	1
2	Sun. 31	3 ·14	23 ·13	2

H. 1163 *Muharram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1750. **Mesha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 29·81.** **Śaka 1672.** **Kaliyuga 4851.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·72.** **(S. Cycle) Pramoda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Śukla. **Makara—Tai.** 3	Mon.	1	4 ·04 5 ·94	24 ·06 25 ·99	3	3	Thur.	1	5 ·81	2 ·42	3	2	Tues.	1	7 ·77	8 ·03	5
4	Tues.	2	6 ·85	26 ·92	4	4	Fri.	2	6 ·74	3 ·37	4	3	Wed.	2	8 ·82	9 ·08	6
5	Wed.	3	*Śukla.* 7 ·76	27 ·86	5	5	Sat.	3	7 ·70	4 ·34	5	4	Thur.	3	*Śukla.* 9 ·88	10 ·17	7
6	Thur.	4	8 ·66	1 ·80	6	6	Sun.	4	8 ·66	5 ·33	6	5	Fri.	4	10 ·95	11 ·26	8
7	Fri.	5	9 ·57	2 ·74	7	7	Mon.	5	9 ·65	6 ·33	7	6	Sat.	5	.. ...	12 ·36	9
8	Sat.	6	10 ·51	3 ·69	8	8	Tues.	6	10 ·65	7 ·34	8	7	Sun.	6	11 ·04	13 ·47	10
9	Sun.	7	11 ·46	4 ·68	9	9	Wed.	7	11 ·68	8 ·39	9	8	Mon.	7	12 ·12	14 ·58	11
10	Mon.	8	12 ·43	5 ·68	10	10	Thur.	8	12 ·73	9 ·47	10	9	Tues.	8	13 ·20	15 ·68	12
11	Tues.	9	13 ·42	6 ·69	11	11	Fri.	9	13 ·81	10 ·56	11	10	Wed.	9	14 ·27	16 ·76	13
12	Wed.	10	14 ·43	7 ·73	12	12	Sat.	10	14 ·89	11 ·66	12	11	Thur.	10	**P** ·31	17 ·82	14
13	Thur.	11	**P** ·45	8 ·79	13	13	Sun.	11	**P** ·97	12 ·77	13	12	Fri.	11	1 ·33	18 ·87	15
14	Fri.	12	1 ·50	9 ·86	14	14	Mon.	12	... ...	13 ·87	14	13	Sat.	12	2 ·34	19 ·89	16
15	Sat.	13	2 ·58	10 ·95	15	15	Tues.	13	1 ·07	14 ·97	15	14	Sun.	13	3 ·33	20 ·91	17
16	Sun.	14	3 ·65	... ...	16	16	Wed.	14	2 ·14	... ...	16	15	Mon.	14	4 ·30	21 ·89	18
17	Mon.	15	4 ·74	11 ·06	17	17	Thur.	15	3 ·20	15 ·06	17	16	Tues.	15	5 ·24	22 ·86	19
18	Tues.	16	5 ·83	12 ·16	18	18	Fri.	16	4 ·25	16 ·15	18	17	Wed.	16	6 ·16	23 ·81	20
19	Wed.	17	6 ·91	13 ·27	19	19	Sat.	17	5 ·28	17 ·20	19	18	Thur.	17	7 ·08	24 ·75	21
20	Thur.	18	*Bahula.* 7 ·98	14 ·37	20	20	Sun.	18	*Bahula.* 6 ·29	18 ·24	20	19	Fri.	18	8 ·00 9 ·90	25 ·69	22
21	Fri.	19	...	15 ·46	21	21	Mon.	19	7 ·27	19 ·25	21						
22	Sat.	20	8 ·04	16 ·52	22	22	Tues.	20	8 ·24	20 ·24	22	20	Sat.	19	10 ·79	26 ·63	23
23	Sun.	21	9 ·07	17 ·58	23	23	Wed.	21	9 ·18	21 ·22	23	21	Sun.	20	11 ·69	27 ·56	24
24	Mon.	22	10 ·08	18 ·60	24	24	Thur.	22	10 ·13	22 ·19	24	22	Mon.	21	12 ·58	1 ·49	25
25	Tues.	23	11 ·07	19 ·60	25	25	Fri.	23	11 ·04 12 ·95	23 ·14	25	23	Tues.	22	13 ·49	2 ·42	26
26	Wed.	24	12 ·04	20 ·59	26	26	Sat.	24	13 ·86	24 ·08	26	24	Wed.	23	14 ·41	3 ·38	27
27	Thur.	25	13 ·00 14 ·93	21 ·56	27	27	Sun.	25	14 ·75	25 ·01 26 ·94	27	25	Thur.	24	—**A** ·34	4 ·34	28
28	Fri.	26	—**A** ·85	22 ·52	28	28	Mon.	26	—**A** ·65	27 ·88	28	26	Fri.	25	1 ·28	5 ·31	—29
29	Sat.	27	1 ·76	23 ·46	—29	29	Tues.	27	1 ·56	1 ·81	—29	27	Sat.	26	2 ·25	6 ·30	1
—30	Sun.	28	2 ·67	24 ·40	1	30	Wed.	28	2 ·47	2 ·75	1	28	Sun.	27	3 ·23	7 ·31	2
1	Mon.	29	3 ·57	25 ·33	2	—31	Thur.	29	*Śukla.* 3 ·38	3 ·70	2	29	Mon.	28	4 ·23	8 ·34	3
2	Tues.	30	4 ·47	26 ·26	3	1	Fri.	30	4 ·30	4 ·67	3	30	Tues.	29	5 ·24	9 ·40	4
3	Wed.	31	5 ·38	27 ·20	4	2	Sat.	31	5 ·26	5 ·66	4	—31	Wed.	30	6 ·28	10 ·47	5
												1	Thur.	31	7 ·37	11 ·56	6
	Feb.						**April.**						**June.**				
Śukla. **Kumbha—Māśi.** 4	Thur.	1	6 ·28	1 ·13	5	3	Sun.	1	6 ·22	6 ·66	5	2	Fri.	1	8 ·43	12 ·66	7
5	Fri.	2	*Śukla.* 7 ·21	2 ·08	6	4	Mon.	2	7 ·21	7 ·68	6	3	Sat.	2	9 ·52	13 ·78	8
6	Sat.	3	8 ·15	3 ·04	7	5	Tues.	3	8 ·21	8 ·72	7	4	Sun.	3	10 ·60	14 ·88	9
7	Sun.	4	9 ·10	4 ·01	8	6	Wed.	4	9 ·25	9 ·78	8	5	Mon.	4	11 ·67	15 ·97	10
8	Mon.	5	10 ·06	5 ·00	9	7	Thur.	5	10 ·29	10 ·87	9	6	Tues.	5	12 ·74	... ...	11
9	Tues.	6	11 ·05	6 ·01	10	8	Fri.	6	11 ·36	11 ·96	10	7	Wed.	6	13 ·79	16 ·06	12
10	Wed.	7	12 ·06	7 ·04	11	9	Sat.	7	12 ·44	... ...	11	8	Thur.	7	14 ·82	17 ·13	13
11	Thur.	8	13 ·09	8 ·09	12	10	Sun.	8	13 ·52	12 ·06	12	9	Fri. ○	8	**P** ·82	18 ·18	14
12	Fri.	9	14 ·14	9 ·17	13	11	Mon.	9	14 ·61	13 ·17	13	10	Sat.	9	1 ·81	19 ·22	15
13	Sat.	10	**P** ·20	10 ·26	14	12	Tues.	10	**P** ·69	14 ·27	14	11	Sun.	10	2 ·78	20 ·23	16
14	Sun.	11	1 ·28	11 ·36	15	13	Wed.	11	1 ·75	15 ·37	15	12	Mon.	11	3 ·72	21 ·22	17
15	Mon.	12	2 ·38	12 ·46	16	14	Thur.	12	2 ·79	16 ·45	16	13	Tues.	12	4 ·65	22 ·19	18
16	Tues.	13	3 ·45	13 ·57	17	15	Fri.	13	3 ·81	17 ·51	17	14	Wed.	13	5 ·58	23 ·14	19
17	Wed.	14	4 ·54	14 ·67	18	16	Sat.	14	4 ·83	18 ·55	18	15	Thur.	14	6 ·48	24 ·10	20
18	Thur.	15	5 ·60	15 ·76	19	17	Sun.	15	5 ·81	19 ·57	19	16	Fri.	15	7 ·38	25 ·04 26 ·96	21
19	Fri.	16	6 ·66	16 ·83	20	18	Mon.	16	6 ·78	20 ·57	20						
20	Sat.	17	7 ·69	17 ·89	21	19	Tues.	17	7 ·72	21 ·56	21	17	Sat.	16	8 ·28	27 ·89	22
21	Sun.	18	8 ·71	18 ·92	22	20	Wed.	18	8 ·66	22 ·52	22	18	Sun.	17	9 ·17	1 ·82	23
22	Mon.	19	*Bahula.* 9 ·69	19 ·98	23	21	Thur.	19	9 ·58	23 ·48	23						
23	Tues.	20	10 ·67	20 ·92	24	22	Fri.	20	10 ·49	24 ·42	24	19	Mon.	18	10 ·07 11 ·98	2 ·77	24
24	Wed.	21	11 ·61	21 ·89	25	23	Sat.	21	11 ·39	25 ·35	25	20	Tues.	19	12 ·90	3 ·71	25
25	Thur.	22	12 ·54	22 ·85	26	24	Sun.	22	12 ·29	26 ·29	26	21	Wed.	20	13 ·82	4 ·67	26
26	Fri.	23	13 ·46	23 ·80	27	25	Mon.	23	13 ·19	27 ·22	27	22	Thur.	21	14 ·76	5 ·64	27
27	Sat.	24	14 ·37	24 ·74	28	26	Tues.	24	14 ·09	1 ·15	28	23	Fri.	22	—**A** ·72	6 ·62	28
28	Sun.	25	—**A** ·28	25 ·67	29	27	Wed.	25	**A** ·00 1 ·91	2 ·09	29	24	Sat.	23	1 ·70	7 ·64	29
—29	Mon.	26	1 ·18	26 ·60	—30	28	Thur.	26	2 ·84	3 ·04	—30	25	Sun.	24	2 ·71	8 ·66	—30
1	Tues.	27	2 ·09 3 ·99	27 ·54	1	29	Fri.	27	*Śukla.* 3 ·79	4 ·01 5 ·98	1	26	Mon.	25	3 ·78	9 ·71	1
2	Wed.	28	4 ·89	1 ·47	2	30	Sat.	28	4 ·76	6 ·98	2	27	Tues.	26	*Śukla.* 4 ·78	10 ·78	2
						—31	Sun.	29	5 ·74	7 ·99	3	28	Wed.	27	5 ·83	11 ·86	3
						1	Mon.	30	6 ·73	... ...	4	29	Thur.	28	6 ·91	12 ·96	4
												30	Fri.	29	... ...	... ...	5
												31	Sat.	30	7 ·00	13 ·07	6

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P Bhad. 26. U. Bhad. 27. Rev.

A.D. 1750. **Kollam 926,** { **N. Malabar—Sep.** **Hijra 1164.** **Vikrama 1807.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 19.** **Bengal San. 1156.**
P—Paurnimā. **(N. Cycle) Vikrama.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
—32	Sun. 1	*Śukla.* 8 ·07	14 ·18	7
1	Mon. 2	9 ·15	15 ·28	8
2	Tues. 3	10 ·22	16 ·37	9
3	Wed. 4	11 ·27	17 ·44	10
4	Thur. 5	12 ·29	18 ·51	11
5	Fri. 6	13 ·31	19 ·54	12
6	Sat. 7	14 ·29	20 ·55	13
7	Sun. 8	P ·25	21 ·54	14
8	Mon. 9	1 ·20	22 ·51	15
9	Tues. 10	2 ·13	23 ·49	16
10	Wed. 11	3 ·06	24 44	17
11	Thur. 12	4 ·97	25 ·38	18
12	Fri. 13	5 ·88	26 ·30	19
13	Sat. 14	6 ·77	27 ·23	20
14	Sun. 15	7 ·66	1 ·17	21
15	Mon. 16	8 ·56	2 ·11	22
16	Tues. 17	9 ·47	3 ·04	23
17	Wed. 18	10 ·38	4 ·00 / 5 ·96	24
18	Thur. 19	11 ·30	6 ·96	25
19	Fri. 20	12 ·25	7 ·96	26
20	Sat. 21	13 ·21	8 ·98	27
21	Sun. 22	14 ·19	... ...	28
22	Mon. 23	—A ·19	9 ·02	—29
23	Tues. 24	1 ·20	10 ·08	1
24	Wed. 25	2 ·24	11 ·16	2
25	Thur. 26	3 ·30	12 ·26	3
26	Fri. 27	4 ·38	13 ·37	4
27	Sat. 28	5 ·47	14 ·48	5
28	Sun. 29	6 ·56	15 ·58	6
29	Mon. 30	7 ·63	16 ·67	7
30	Tues. 31	8 ·69	17 ·76	8
	Aug.			
—31	Wed. 1	9 ·74	18 ·82	9
1	Thur. 2	10 ·78	19 ·86	10
2	Fri. 3	11 ·80	20 ·87	11
3	Sat. 4	12 ·78	21 ·87	12
4	Sun. 5	13 ·75	22 ·86	13
5	Mon. 6	14 ·70	23 ·82	14
6	Tues. 7	P ·64	24 ·77	15
7	Wed. 8	1 ·56	25 ·71	16
8	Thur. 9	2 ·46	26 ·64	17
9	Fri. 10	3 ·36	27 ·58	18
10	Sat. 11	4 ·26	1 ·51	19
11	Sun. 12	5 ·17	2 ·44	20
12	Mon. 13	6 ·07 / 7 ·97	3 ·38	21
13	Tues. 14	8 ·88	4 ·33	22
14	Wed. 15	9 ·81	5 ·30	23
15	Thur. 16	10 ·75	6 ·30	24
16	Fri. 17	11 ·71	7 ·28	25
17	Sat. 18	12 ·70	8 ·29	26
18	Sun. 19	13 ·69	9 ·33	27
19	Mon. 20	14 ·71	10 ·39	28
20	Tues. 21	—A ·75	11 ·47	29
21	Wed. 22	1 ·81	12 ·57	—30
22	Thur. 23	2 ·89	13 ·67	1
23	Fri. 24	3 ·99	14 ·78	2
24	Sat. 25	... ...	15 ·88	3
25	Sun. 26	4 ·07	16 ·98	4
26	Mon. 27	5 ·15	... ...	5
27	Tues. 28	6 ·21	17 ·07	6
28	Wed. 29	7 ·25	18 ·12	7
29	Thur. 30	8 ·29	19 ·17	8
30	Fri. 31	9 ·31	20 ·19	9

Pramoda. **Karkataka—Ādi.** *Bahula.* *Śukla.* **Śrāvana.** *Bahula.* *Śukla.* **Bhād.** *Pramoda.* **Simha—Āvaṇi.**

Cyclic sidereal year, month and day.	Week-day English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
—31	Sat. 1	11 ·27	21 ·19	10
1	Sun. 2	12 ·22	22 ·19	11
2	Mon. 3	13 ·16	23 ·15	12
3	Tues. 4	14 ·08 / P ·99	24 ·10	13
4	Wed. 5	1 ·89	25 ·05 / 26 ·98	14
5	Thur. 6	2 ·79	27 ·91	15
6	Fri. 7	3 ·69	1 ·84	16
7	Sat. 8	4 ·59	2 ·78	17
8	Sun. 9	5 ·50	3 ·72	18
9	Mon. 10	6 ·42	4 ·66	19
10	Tues. 11	7 ·35	5 ·63	20
11	Wed. 12	8 ·29	6 ·61	21
12	Thur. 13	9 ·24	7 ·60	22
13	Fri. 14	10 ·23	8 ·61	23
14	Sat. 15	11 ·22	9 ·64	24
15	Sun. 16	12 ·25	10 ·71	25
16	Mon. 17	13 ·30	11 ·78	26
17	Tues. 18	14 ·36	12 ·87	27
18	Wed. 19	—A ·43	13 ·97	28
19	Thur. 20	1 ·52	... ..	—29
20	Fri. 21	2 ·60	14 ·07	1
21	Sat. 22	3 ·68	15 ·19	2
22	Sun. 23	4 ·76	16 ·29	3
23	Mon. 24	5 ·81	17 ·37	4
24	Tues. 25	6 ·84	18 ·44	5
25	Wed. 26	7 ·86	19 ·49	6
26	Thur. 27	8 ·85	20 ·52	7
27	Fri. 28	9 ·82	21 ·53	8
28	Sat. 29	10 ·78	22 ·51	9
29	Sun. 30	11 ·72	23 ·48	10
	Oct.			
30	Mon. 1	12 ·64	24 ·44	11
—31	Tues. 2	13 ·55	25 ·38	12
1	Wed. 3	14 ·45	26 ·33	13
2	Thur. 4	P ·36	27 ·26	14
3	Fri. 5	1 ·25	1 ·19	15
4	Sat. 6	2 ·15	2 ·12	16
5	Sun. 7	3 ·06 / 4 ·98	3 ·05	17
6	Mon. 8	5 ·92	4 ·00 / 5 ·96	18
7	Tues. 9	6 ·86	6 ·94	19
8	Wed. 10	7 ·83	7 ·92	20
9	Thur. 11	8 ·81	8 ·93	21
10	Fri. 12	9 ·82	9 ·96	22
11	Sat. 13	10 ·83	... ..	23
12	Sun. 14	11 ·88	10 ·01	24
13	Mon. 15	12 ·95	11 ·08	25
14	Tues. 16	... ...	12 ·17	26
15	Wed. 17	13 ·02	13 ·27	27
16	Thur. 18	14 ·10	14 ·37	28
17	Fri. 19	—A ·19	15 ·48	29
18	Sat. 20	1 ·28	16 ·59	—30
19	Sun. 21	2 ·35	17 ·68	1
20	Mon. 22	3 ·40	18 ·75	2
21	Tues. 23	4 ·43	19 ·80	3
22	Wed. 24	5 ·45	20 ·84	4
23	Thur. 25	6 ·45	21 ·85	5
24	Fri. 26	7 ·42	22 ·84	6
25	Sat. 27	8 ·38	23 ·82	7
26	Sun. 28	9 ·32	24 ·78	8
27	Mon. 29	10 ·24	25 ·72	9
28	Tues. 30	11 ·15	26 ·66	10
29	Wed. 31	12 ·05 / 13 ·96	27 ·60	11

Pramoda. **Kanyā—Purattāśi.** *Bahula.* *Śukla.* **Āśvina.** *Bahula.* *Śukla.* **Tulā—Aippaśi.** *Pramoda.*

Cyclic sidereal year, month and day.	Week-day English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
—30	Thur. 1	*Bahula.* 14 ·85	1 ·53	12
1	Fri. 2	P ·76	2 ·46	13
2	Sat. 3	1 ·67	3 ·40	14
3	Sun. 4	2 ·60	4 ·34	15
4	Mon. 5	3 ·53	5 ·30	16
5	Tues. 6	4 ·47	6 ·26	17
6	Wed. 7	5 ·43	7 ·25	18
7	Thur. 8	6 ·42	8 ·25	19
8	Fri. 9	7 ·43	9 ·28	20
9	Sat. 10	8 ·45	10 ·32	21
10	Sun. 11	9 ·50	11 ·39	22
11	Mon. 12	10 ·57	12 ·47	23
12	Tues. 13	11 ·65	13 ·57	24
13	Wed. 14	12 ·73	14 ·68	25
14	Thur. 15	13 ·81	15 ·78	26
15	Fri. 16	14 ·90	16 .89	27
16	Sat. 17	—A ·97	17 ·98	28
17	Sun. 18	... ...	.. ..	—29
18	Mon. 19	1 ·03	18 ·06	1
19	Tues. 20	2 ·06	19 ·12	2
20	Wed. 21	3 ·09	20 ·15	3
21	Thur. 22	4 ·07	21 ·17	4
22	Fri. 23	5 ·04 / 6 ·99	22 ·17	5
23	Sat. 24	7 ·93	23 ·15	6
24	Sun. 25	8 ·86	24 ·11	7
25	Mon. 26	9 ·77	25 ·06	8
26	Tues. 27	10 ·68	26 ·00 / 27 ·94	9
27	Wed. 28	11 ·58	1 ·87	10
28	Thur. 29	12 ·47	2 ·80	11
—29	Fri. 30	13 ·38	3 ·73	12
	Dec.			
1	Sat. 1	14 ·29	4 ·68	13
2	Sun. ○ 2	P ·22	5 ·63	14
3	Mon. 3	1 ·15	6 ·59	15
4	Tues. 4	2 ·11	7 ·57	16
5	Wed. 5	3 ·07	8 ·58	17
6	Thur. 6	4 ·05	9 ·60	18
7	Fri. 7	5 ·07	10 ·63	19
8	Sat. 8	6 ·09	11 ·70	20
9	Sun. 9	7 ·15	12 ·77	21
10	Mon. 10	8 ·22	13 ·87	22
11	Tues. 11	9 ·30	14 ·98	23
12	Wed. 12	10 ·38	... .	24
13	Thur. 13	11 ·47	15 ·08	25
14	Fri. 14	12 ·56	16 ·19	26
15	Sat. 15	13 ·62	17 ·28	27
16	Sun. 16	14 ·68	18 ·36	28
17	Mon. 17	—A ·71	19 ·42	29
18	Tues. 18	1 ·73	20 ·47	—30
19	Wed. 19	2 ·72	21 ·49	1
20	Thur. 20	3 ·70	22 ·50	2
21	Fri. 21	4 ·64	23 ·48	3
22	Sat. 22	5 ·57	24 ·45	4
23	Sun. 23	6 ·50	25 ·40	5
24	Mon. 24	7 ·41	26 ·34	6
25	Tues. 25	8 ·32	27 ·28	7
26	Wed. 26	9 ·22	1 ·21	8
27	Thur. 27	10 ·13	2 ·14	9
28	Fri. 28	11 ·03 / 12 ·93	3 ·07	10
—29	Sat. 29	13 ·87	4 ·01 / 5 ·96	11
1	Sun. 30	14 ·80	6 ·92	12
2	Mon. 31	P ·75	7 ·91	13

Pramoda. **Vṛśchika—Kārttigai.** *Bahula.* *Śukla.* **Mārgaśīrsha.** *Bahula.* *Śukla.* **Pausha.** *Pramoda.* **Dhanus—Mārgali.**

H. 1163 Shaww̄al. H. 1163 Zī-l-ka'da. H. 1163 Ramazān. H. 1164 Muharram. H. 1164 Śafar.

13, Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1751. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) March 30·07.** **Śaka 1673.** **Kaliyuga 4852.**
Lunar Eclipse. ○ **(Arya Sid.) March 29·98.** **(S. Cycle) Prajāpati.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
Pramoda.																	
Makara—Tai.			**Pausha.**						*Phālguna.*			*Prajāpati.*			*Vaiśākha.*		
3	Tues.	1	1 ·71	8 ·90	14	2	Fri.	1	P ·00	12 ·69	14	2	Wed.	1	2 ·52	18 ·89	16
4	Wed.	2	2 ·71	9 ·91	15	3	Sat.	2	1 ·04	13 ·78	15	3	Thur.	2	3 ·58	19 ·98	17
5	Thur.	3	3 ·70	10 ·95	16	4	Sun.	3	2 ·12	14 ·87	16	4	Fri.	3	4 ·63	... ...	18
6	Fri.	4	4 ·74	... ...	17	5	Mon.	4	3 ·19	15 ·98	17	5	Sat.	4	5 ·65	20 ·05	19
7	Sat.	5	5 ·79	11 ·00	18	6	Tues.	5	4 ·28	... ...	18	6	Sun.	5	6 ·66	21 ·09	20
8	Sun.	6	6 ·87	12 ·08	19	7	Wed.	6	5 ·36	16 ·09	19	7	Mon.	6	7 ·64	22 ·11	21
9	Mon.	7	7 ·95	13 ·17	20	8	Thur.	7	6 ·44	17 ·19	20	8	Tues.	7	8 ·61	23 ·11	22
10	Tues.	8	.. ...	14 ·27	21	9	Fri.	8	7 ·50	18 ·29	21	9	Wed.	8	9 ·55	24 ·11	23
11	Wed.	9	8 ·03	15 ·38	22	10	Sat.	9	8 ·55	19 ·36	22	10	Thur.	9	10 ·48	25 ·08	24
12	Thur.	10	9 ·13	16 ·49	23	11	Sun.	10	9 ·59	20 ·41	23	11	Fri.	10	11 ·40	26 ·03 / 27 ·97	25
13	Fri	11	10 ·21	17 ·59	24	12	Mon.	11	10 ·59	21 ·46	24						
14	Sat.	12	11 ·27	18 ·67	25	13	Tues.	12	11 ·58	22 ·47	25	12	Sat.	11	12 ·30	1 ·91	26
15	Sun.	13	12 ·32	19 ·74	26	14	Wed.	13	12 ·54	23 ·46	26	13	Sun.	12	13 ·21	2 ·85	27
16	Mon.	14	13 ·35	20 ·79	27	15	Thur.	14	13 ·49	24 ·44	27	14	Mon.●	13	14 ·10	3 ·78	28
17	Tues.	15	14 ·37	21 ·82	28	16	Fri.	15	14 ·42	25 ·40	28				A ·01 / 1 ·90	4 ·71	
18	Wed.	16	—A ·36	22 ·82	—29	17	Sat.	16	—A ·34	26 ·36	—29	15	Tues.	14			—29
19	Thur.	17	1 ·34	23 ·81	1	18	Sun.	17	1 ·25	27 ·30	1	16	Wed.	15	2 ·80	5 ·64	1
20	Fri.	18	2 ·28	24 ·80	2	19	Mon.	18	2 ·14	1 ·23	2	17	Thur.	16	3 ·73	6 ·59	2
21	Sat.	19	3 ·21	25 ·74	3	20	Tues.	19	3 ·04 / 4 ·94	2 ·16	3	18	Fri.	17	4 ·66	7 ·55	3
22	Sun.	20	4 ·13	26 ·68	4	21	Wed.	20	5 ·86	3 ·09	4	19	Sat.	18	5 ·61	8 ·53	4
23	Mon.	21	5 ·05 / 6 ·95	27 ·62	5	22	Thur.	21	6 ·76	4 ·03 / 5 ·97	5	20	Sun.	19	6 ·57	9 ·52	5
24	Tues.	22	7 ·85	1 ·55	6							21	Mon.	20	7 ·56	10 ·53	6
25	Wed.	23	8 ·75	2 ·48	7	23	Fri.	22	7 ·68	6 ·92	6	22	Tues.	21	8 ·55	11 ·56	7
26	Thur.	24	9 ·66	3 ·41	8	24	Sat.	23	8 ·61	7 ·89	7	23	Wed.	22	9 ·58	12 ·61	8
27	Fri.	25	10 ·57	4 ·35	9	25	Sun.	24	9 ·57	8 ·87	8	24	Thur.	23	10 ·64	13 ·68	9
28	Sat.	26	11 ·49	5 ·29	10	26	Mon.	25	10 ·54	9 ·88	9	25	Fri.	24	11 ·70	14 ·78	10
29	Sun.	27	12 ·44	6 ·26	11	27	Tues.	26	11 ·52	10 ·90	10	26	Sat.	25	12 ·77	15 ·88	11
—30	Mon.	28	13 ·39	7 ·23	12	28	Wed.	27	12 ·53	11 ·94	11	27	Sun.	26	13 ·86	16 ·99	12
1	Tues.	29	14 ·35	8 ·22	13	29	Thur.	28	13 ·57	... ...	12	28	Mon.	27	14 ·95	... ...	13
2	Wed.	30	P ·34	9 ·23	14	—30	Fri.	29	14 ·62	12 ·00	13	29	Tues. ○	28	... ...	17 ·10	14
3	Thur.	31	1 ·34	10 ·26	15	1	Sat.	30	P ·68	13 ·08	14	30	Wed.	29	P ·02	18 ·20	15
						2	Sun.	31	1 ·75	14 ·17	15	—31	Thur.	30	1 ·07	19 ·29	16
		Feb.						**April.**						**June.**			
Pramoda.						*Prajāpati.*						*Prajāpati.*					
Kumbha—Māsi.			*Bahula.*		*H.* 1164 *Rabī-ul awwal.*	**Mēsha—Chittirai.**			*Bahula.*		*H.* 1164 *Jamāda'l awwal.*	**Mithuna—Āni.**			*Bahula.*		*H.* 1164 *Rajab.*
4	Fri.	1	2 ·38	11 ·31	16	3	Mon.	1	2 ·84	15 ·28	16	2	Sat.	1	3 ·14	21 ·40	18
5	Sat.	2	3 ·44	12 ·39	17	4	Tues.	2	3 ·93	16 ·39	17	3	Sun.	2	4 ·15	22 ·43	19
6	Sun.	3	4 ·51	13 ·47	18	5	Wed.	3	... ...	17 ·49	18	4	Mon.	3	5 ·13	23 ·45	20
7	Mon.	4	5 ·58	14 ·57	19	6	Thur.	4	4 ·01	18 ·59	19	5	Tues.	4	6 ·10	24 ·44	21
8	Tues.	5	6 ·66	15 ·68	20	7	Fri.	5	5 ·07	19 ·67	20	6	Wed.	5	7 ·04 / 8 ·98	25 ·41	22
9	Wed.	6	7 ·76	16 ·79	21	8	Sat.	6	6 ·12	20 ·72	21						
10	Thur.	7	8 ·84	17 ·89	22	9	Sun.	7	7 ·13	21 ·77	22	7	Thur.	6	9 ·89	26 ·36	23
11	Fri.	8	9 ·91	18 ·98	23	10	Mon.	8	8 ·14	22 ·79	23	8	Fri.	7	10 ·80	27 ·31	24
12	Sat.	9	10 ·96	... ...	24	11	Tues.	9	9 ·13	23 ·79	24	9	Sat.	8	11 ·70	1 ·24	25
13	Sun.	10	11 ·98	19 ·05	25	12	Wed.	10	10 ·09	24 ·77	25	10	Sun.	9	12 ·59	2 ·18	26
14	Mon.	11	12 ·99	20 ·10	26	13	Thur.	11	11 ·04 / 12 ·96	25 ·74	26	11	Mon.	10	13 ·49	3 ·11	27
15	Tues.	12	13 ·99	21 ·13	27							12	Tues.	11	14 ·39	4 ·04 / 5 ·98	28
16	Wed.	13	14 ·96	22 ·15	28	14	Fri.	12	13 ·88	26 ·69	27						
17	Thur.	14	—A ·89	23 ·14	29	15	Sat.	13	14 ·79	27 ·63	28	13	Wed.	12	—A ·30	6 ·92	29
18	Fri.	15	1 ·83	24 ·11	—30	16	Sun.	14	—A ·70	1 ·57	29	14	Thur.	13	1 ·22	7 ·89	—30
19	Sat.	16	2 ·75	25 ·07	1	17	Mon.	15	1 ·59	2 ·50	—30	15	Fri.	14	2 ·13	8 ·86	1
20	Sun.	17	3 ·66	26 ·02 / 27 ·96	2	18	Tues.	16	2 ·49	3 ·44	1	16	Sat.	15	3 ·09	9 ·84	2
			Sukla.			19	Wed.	17	3 ·40	4 ·37	2	17	Sun.	16	4 ·05	10 ·85	3
21	Mon.	18	4 ·57	1 ·89	3	20	Thur.	18	4 ·30	5 ·31	3	18	Mon.	17	5 ·03	11 ·87	4
22	Tues.	19	5 ·48	2 ·82	4	21	Fri.	19	5 ·22	6 ·26	4	19	Tues.	18	6 ·03	12 ·93	5
23	Wed.	20	6 ·37	3 ·75	5	22	Sat.	20	6 ·14	7 ·22	5	20	Wed.	19	7 ·07	... ...	6
24	Thur.	21	7 ·27	4 ·69	6	23	Sun.	21	7 ·10	8 ·19	6	21	Thur.	20	8 ·11	13 ·00	7
25	Fri.	22	8 ·18	5 ·63	7	24	Mon.	22	8 ·07	9 ·20	7	22	Fri.	21	9 ·17	14 ·08	8
26	Sat.	23	9 ·10	6 ·59	8	25	Tues.	23	9 ·05	10 ·21	8	23	Sat.	22	10 ·25	15 ·18	9
27	Sun.	24	10 ·03	7 ·56	9	26	Wed.	24	10 ·06	11 ·25	9	24	Sun.	23	11 ·33	16 ·28	10
28	Mon.	25	11 ·00 / 12 ·97	8 ·54	10	27	Thur.	25	11 ·09	12 ·30	10	25	Mon.	24	12 ·41	17 ·40	11
			Phal.			28	Fri.	26	12 ·14	13 ·38	11	26	Tues.	25	13 ·48	18 ·50	12
29	Tues.	26	13 ·95	9 ·55	11	29	Sat.	27	13 ·20	14 ·48	12	27	Wed	26	14 ·55	19 ·59	13
—30	Wed.	27	14 ·95	10 ·58	12	30	Sun.	28	14 ·28	15 ·58	13	28	Thur.	27	P ·59	20 ·66	14
1	Thur.	28	... ...	11 ·62	13	—31	Mon.	29	P ·37	16 ·69	14	29	Fri.	28	1 ·62	21 ·72	15
						1	Tues.	30	1 ·44	17 ·79	15	30	Sat.	29	2 ·63	22 ·75	16
												31	Sun.	30	3 ·60	23 ·77	17

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swā. 16. Vis. 17. Anu. 18. Jyes. 19. Mūl. 20. P. Ash. 21. U. Ashad. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1751. **Kollam 927,** { **N. Malabar—Sep.** **Hijra 1165.** **Vikrama 1808.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 9.** **Bengal San. 1157.**
P—Paurnimā. **(N. Cycle) Vṛṣha.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
—32 *Prajāpati.*	Mon. 1	4 ·57	24 ·76	18
1	Tues. 2	5 ·52	25 ·74	19
2	Wed. 3	6 ·46	26 ·69	20
3	Thur. 4	7 ·36	27 ·64	21
4	Fri. 5	8 ·28	1 ·59	22
5	Sat. 6	9 ·18	2 ·52	23
6	Sun. 7	10 ·08 / 11 ·97	3 ·45	24
7	Mon. 8	12 ·87	4 ·38	25
8	Tues. 9	13 ·78	5 ·32	26
9	Wed. 10	14 ·70	6 ·27	27
10	Thur. 11	—A ·62	7 ·22	28
11	Fri. 12	1 ·57	8 ·18	—29
12	Sat. 13	2 ·54	9 ·17	1
13	Sun. 14	3 ·51	10 ·17	2
14	Mon. 15	4 ·52	11 ·20	3
15	Tues. 16	5 ·55	12 ·24	4
16	Wed. 17	6 ·58	13 ·30	5
17	Thur. 18	7 ·65	14 ·38	6
18	Fri. 19	8 ·72	15 ·48	7
19	Sat. 20	9 ·81	16 ·59	8
20	Sun. 21	10 ·88	17 ·70	9
21	Mon. 22	11 ·95	18 ·80	10
22	Tues. 23	... ...	19 ·89	11
23	Wed. 24	12 ·02	20 ·97	12
24	Thur. 25	13 ·07	... ...	13
25	Fri. 26	14 ·11	21 ·03	14
26	Sat. 27	P ·11	22 ·07	15
27	Sun. 28	1 ·10	23 ·09	16
28	Mon. 29	2 ·06	24 ·09	17
29	Tues. 30	3 ·01 / 4 ·95	25 ·07	18
30	Wed. 31	5 ·89	26 ·03 / 27 ·99	19
	Aug.			
—31	Thur. 1	6 ·78	1 ·93	20
1	Fri. 2	7 ·68	2 ·86	21
2	Sat. 3	8 ·57	3 ·79	22
3	Sun. 4	9 ·47	4 ·72	23
4	Mon. 5	10 ·38	5 ·66	24
5	Tues. 6	11 ·28	6 ·60	25
6	Wed. 7	12 ·20	7 ·55	26
7	Thur. 8	13 ·12	8 ·51	27
8	Fri. 9	14 ·06	9 ·49	28
9	Sat. 10	—A ·03	10 ·50	29
10	Sun. 11	1 ·01	11 ·51	—30
11	Mon. 12	2 ·02	12 ·55	1
12	Tues. 13	3 ·03	13 ·61	2
13	Wed. 14	4 ·07	14 ·69	3
14	Thur. 15	5 ·14	15 ·78	4
15	Fri. 16	6 ·22	16 ·89	5
16	Sat. 17	7 ·30	... ...	6
17	Sun. 18	8 ·39	17 ·00	7
18	Mon. 19	9 ·46	18 ·10	8
19	Tues. 20	10 ·53	19 ·20	9
20	Wed. 21	11 ·58	20 ·28	10
21	Thur. 22	12 ·61	21 ·34	11
22	Fri. 23	13 ·62	22 ·39	12
23	Sat. 24	14 ·61	23 ·41	13
24	Sun. 25	P ·57	24 ·41	14
25	Mon. 26	1 ·54	25 ·40	15
26	Tues. 27	2 ·46	26 ·37	16
27	Wed. 28	3 ·38	27 ·32	17
28	Thur. 29	4 ·29	1 ·27	18
29	Fri. 30	5 ·19	2 ·20	19
30	Sat. 31	6 ·09 / 7 ·99	3 ·13	20

Śrāvaṇa. *Bahula.* *Śukla.* *Bhādrapada.* *Bahula.* *H.* 1164 *Ramazān.* *H.* 1164 *Shawwāl.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
—31 *Prajāpati.*	Sun. 1	8 ·89	4 ·07	21
1	Mon. 2	9 ·80	5 ·00 / 6 ·94	22
2	Tues. 3	10 ·72	7 ·88	23
3	Wed. 4	11 ·65	8 ·34	24
4	Thur. 5	12 ·60	9 ·83	25
5	Fri. 6	13 ·56	10 ·82	26
6	Sat. 7	14 ·53	11 ·83	27
7	Sun. 8	—A ·53	12 ·86	28
8	Mon. 9	1 ·56	13 ·92	—29
9	Tues. 10	2 ·61	14 ·99	1
10	Wed. 11	3 ·67	... ...	2
11	Thur. 12	4 ·75	15 ·09	3
12	Fri. 13	5 ·83	16 ·19	4
13	Sat. 14	6 ·91	17 ·29	5
14	Sun. 15	7 ·99	18 ·40	6
15	Mon. 16	... ...	19 ·49	7
16	Tues. 17	8 ·07	20 ·59	8
17	Wed. 18	9 ·12	21 ·66	9
18	Thur. 19	10 ·15	22 ·71	10
19	Fri. 20	11 ·17	23 ·73	11
20	Sat. 21	12 ·15	24 ·74	12
21	Sun. 22	13 ·12	25 ·73	13
22	Mon. 23	14 ·08	26 ·70	14
23	Tues. 24	P ·01 / 1 ·93	27 ·66	15
24	Wed. 25	2 ·84	1 ·60	16
25	Thur. 26	3 ·75	2 ·54	17
26	Fri. 27	4 ·65	3 ·48	18
27	Sat. 28	5 ·56	4 ·41	19
28	Sun. 29	6 ·45	5 ·34	20
29	Mon. 30	7 ·36	6 ·27	21
	Oct.			
30	Tues. 1	8 ·28	7 ·22	22
—31	Wed. 2	9 ·21	8 ·17	23
1	Thur. 3	10 ·16	9 ·15	24
2	Fri. 4	11 ·12	10 ·14	25
3	Sat. 5	12 ·11	11 ·15	26
4	Sun. 6	13 ·11	12 ·18	27
5	Mon. 7	14 ·13	13 ·22	28
6	Tues. 8	—A ·18	14 ·30	29
7	Wed. 9	1 ·24	15 ·40	—30
8	Thur. 10	2 ·32	16 ·49	1
9	Fri. 11	3 ·41	17 ·59	2
10	Sat. 12	4 ·50	18 ·70	3
11	Sun. 13	5 ·58	19 ·81	4
12	Mon. 14	6 ·65	20 ·90	5
13	Tues. 15	7 ·70	21 ·97	6
14	Wed. 16	8 ·73	... ...	7
15	Thur. 17	9 ·75	22 ·02	8
16	Fri. 18	10 ·73	23 ·05	9
17	Sat. 19	11 ·71	24 ·06	10
18	Sun. 20	12 ·67	25 ·06	11
19	Mon. 21	13 ·61	26 ·03 / 27 ·99	12
20	Tues. 22	14 ·52	1 ·94	13
21	Wed. 23	P ·43	2 ·89	14
22	Thur. 24	1 ·34	3 ·82	15
23	Fri. 25	2 ·24	4 ·75	16
24	Sat. 26	3 ·15	5 ·68	17
25	Sun. 27	4 ·05 / 5 ·96	6 ·61	18
26	Mon. 28	6 ·87	7 ·55	19
27	Tues. 29	7 ·81	8 ·51	20
28	Wed. 30	8 ·76	9 ·48	21
29	Thur. 31	9 ·72	10 ·47	22

Kanyā—Purattāsi. *Śukla.* *Āśvina.* *Bahula.* *Kārttika.* *Bahula.* *H.* 1164 *Zi-l-ka'da.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
—30 *Prajāpati.*	Fri. 1	10 ·71	11 ·47	23
1	Sat. 2	11 ·71	12 ·49	24
2	Sun. 3	12 ·75	13 ·54	25
3	Mon. 4	13 ·79	14 ·61	26
4	Tues. 5	14 ·86	15 ·69	27
5	Wed. 6	—A ·94	16 ·78	28
6	Thur. 7	... ...	17 ·89	29
7	Fri. 8	1 ·03	... ...	—30
8	Sat. 9	2 ·12	18 ·01	1
9	Sun. 10	3 ·20	19 ·11	2
10	Mon. 11	4 ·27	20 ·20	3
11	Tues. 12	5 ·32	21 ·27	4
12	Wed. 13	6 ·37	22 ·33	5
13	Thur. 14	7 ·37	23 ·37	6
14	Fri. 15	8 ·35	24 ·38	7
15	Sat. 16	9 ·32	25 ·39	8
16	Sun. 17	10 ·28	26 ·36	9
17	Mon. 18	11 ·22	27 ·32	10
18	Tues. 19	12 ·14	1 ·27	11
19	Wed. 20	13 ·06 / 14 ·96	2 ·22	12
20	Thur. ○ 21	P ·86	3 ·16	13
21	Fri. 22	1 ·76	4 ·08	14
22	Sat. 23	2 ·66	5 ·01 / 6 ·95	15
23	Sun. 24	3 ·58	7 ·90	16
24	Mon. 25	4 ·49	8 ·85	17
25	Tues. 26	5 ·43	9 ·81	18
26	Wed. 27	6 ·39	10 ·79	19
27	Thur. 28	7 ·35	11 ·79	20
28	Fri. 29	8 ·34	12 ·82	21
—29	Sat. 30	9 ·34	13 ·85	22
	Dec.			
1	Sun. 1	10 ·39	14 ·91	23
2	Mon. 2	11 ·43	15 ·99	24
3	Tues. 3	12 ·51	... ...	25
4	Wed. 4	13 ·59	16 ·08	26
5	Thur. 5	14 ·68	17 ·19	27
6	Fri. 6	—A ·76	18 ·30	28
7	Sat. 7	1 ·85	19 ·41	29
8	Sun. 8	2 ·92	20 ·50	—30
9	Mon. 9	3 ·96	21 ·58	1
10	Tues. 10	... ...	22 ·64	2
11	Wed. 11	4 ·00	23 ·69	3
12	Thur. 12	5 ·01	24 ·71	4
13	Fri. 13	6 ·00 / 7 ·96	25 ·71	5
14	Sat. 14	8 ·92	26 ·69	6
15	Sun. 15	9 ·86	27 ·66	7
16	Mon. 16	10 ·78	1 ·62	8
17	Tues. 17	11 ·70	2 ·56	9
18	Wed. 18	12 ·59	3 ·49	10
19	Thur. 19	13 ·50	4 ·42	11
20	Fri. 20	14 ·40	5 ·35	12
21	Sat. 21	P 31	6 ·29	13
22	Sun. 22	1 ·22	7 ·28	14
23	Mon. 23	2 ·13	8 ·18	15
24	Tues. 24	3 ·08	9 ·14	16
25	Wed. 25	4 ·03	10 ·12	17
26	Thur. 26	5 ·00 / 6 ·99	11 ·12	18
27	Fri. 27	... ...	12 ·13	19
28	Sat. 28	7 ·00	13 ·17	20
29	Sun. 29	8 ·03	14 ·21	21
—30	Mon. 30	9 ·08	15 ·29	22
1	Tues. 31	10 ·16	16 ·38	23

Vṛśchika—Kārttigai. *Śukla.* *Dhanus—Mārgali.* *Bahula.* *Pausha.* *Śukla.* *Bahula.* *H.* 1165 *Muharram.* *H.* 1165 *Śafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1752. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **March 29·32.** **Śaka 1674.** **Kaliyuga 4853.**
Lunar Eclipse. ○ (Arya Sid.) **March 29·23.** **(S. Cycle) Aṅgiras.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
Prajāpati. **Makara—Tai.** 2	Wed.	1	11 ·24	17 ·50	24	3	Sun.	1	12 ·86	22 ·58	25	3	Fri.	1	14 ·79	1 ·29	27
3	Thur.	2	12 ·34	18 ·60	25	4	Mon.	2	13 ·88	23 ·63	26	4	Sat.	2	A ·71	2 ·25	28
4	Fri.	3	13 ·42	19 ·71	26	5	Tues.	3	14 ·89	24 ·67	27	5	Sun.	3	1 ·62	3 ·19	29
5	Sat.	4	14 ·50	20 ·80	27	6	Wed.	4	A ·87	25 ·69	28	6	Mon.	4	2 ·52	4 ·13	1
6	Sun.	5	A ·56	21 ·89	28	7	Thur.	5	1 ·84	26 ·68	29	7	Tues.	5	3 ·42	5 ·05 / 6 ·98	2
7	Mon.	6	1 ·61	22 ·96	29	8	Fri.	6	2 ·78	27 ·66	1	8	Wed.	6	4 ·31	7 ·93	3
8	Tues.	7	2 ·65	... ...	1	9	Sat.	7	3 ·70	1 ·62	2	9	Thur.	7	5 ·21	8 ·86	4
9	Wed.	8	3 ·65	23 ·01	2	10	Sun.	8	4 ·64	2 ·57	3	10	Fri.	8	6 ·12	9 ·81	5
10	Thur.	9	4 ·65	24 ·03	3	11	Mon.	9	5 ·54	3 ·52	4	11	Sat.	9	7 ·04 / 8 ·98	10 ·77	6
11	Fri.	10	5 ·61	25 ·04	4	12	Tues.	10	6 ·44	4 ·45	5	12	Sun.	10	9 ·93	11 ·76	7
12	Sat.	11	6 ·57	26 ·02	5	13	Wed.	11	7 ·34	5 ·38	6	13	Mon.	11	10 ·90	12 ·74	8
13	Sun.	12	7 ·50	27 ·00 / 1 ·95	6	14	Thur.	12	8 ·24	6 ·31	7	14	Tues.	12	11 ·87	13 ·75	9
14	Mon.	13	8 ·42	2 ·89	7	15	Fri.	13	9 ·15	7 ·24	8	15	Wed.	13	12 ·88	14 ·78	10
15	Tues.	14	9 ·32	3 ·83	8	16	Sat.	14	10 ·06 / 11 ·98	8 ·18	9	16	Thur.	14	13 ·92	15 ·83	11
16	Wed.	15	10 ·22	4 ·76	9	17	Sun.	15	12 ·92	9 ·14	10	17	Fri.	15	14 ·97	16 ·90	12
17	Thur.	16	11 ·13	5 ·70	10	18	Mon.	16	13 ·88	10 ·09	11	18	Sat.	16	... ...	... ...	13
18	Fri.	17	12 ·03 / 13 ·94	6 ·63	11	19	Tues.	17	14 ·84	11 ·09	12	19	Sun.	17	P ·03	17 ·00	14
19	Sat.	18	14 ·85	7 ·57	12	20	Wed.	18	P ·83	12 ·09	13	20	Mon.	18	1 ·10	18 ·10	15
20	Sun.	19	P ·78	8 ·51	13	21	Thur.	19	1 ·85	13 ·11	14	21	Tues.	19	2 ·19	19 ·21	16
21	Mon.	20	1 ·72	9 ·47	14	22	Fri.	20	2 ·88	14 ·16	15	22	Wed.	20	3 ·28	20 ·31	17
22	Tues.	21	2 ·67	10 ·46	15	23	Sat.	21	3 ·93	15 ·22	16	23	Thur.	21	4 ·35	21 ·41	18
23	Wed.	22	3 ·64	11 ·44	16	24	Sun.	22	... ...	16 ·30	17	24	Fri.	22	5 ·41	22 ·50	19
24	Thur.	23	4 ·62	12 ·45	17	25	Mon.	23	4 ·00	17 ·39	18	25	Sat.	23	6 ·44	23 ·57	20
25	Fri.	24	5 ·64	13 ·48	18	26	Tues.	24	5 ·08	18 ·49	19	26	Sun.	24	7 ·48	24 ·62	21
26	Sat.	25	6 ·68	14 ·53	19	27	Wed.	25	6 ·16	19 ·61	20	27	Mon.	25	8 ·47	25 ·65	22
27	Sun.	26	7 ·73	15 ·60	20	28	Thur.	26	7 ·26	20 ·71	21	28	Tues.	26	9 ·46	26 ·66	23
28	Mon.	27	8 ·80	16 ·69	21	29	Fri.	27	8 ·33	21 ·81	22	29	Wed.	27	10 ·42	27 ·65	24
29	Tues.	28	9 ·88	17 ·79	22	30	Sat.	28	9 ·39	22 ·89	23	30	Thur.	28	11 ·37	1 ·63	25
1	Wed.	29	10 ·97	18 ·90	23	1	Sun.	29	10 ·43	23 ·95	24	31	Fri.	29	12 ·29	2 ·58	26
2	Thur.	30	... ...	... ...	24	2	Mon.	30	11 ·44	24 ·99	25	32	Sat.	30	13 ·21	3 ·53	27
3	Fri.	31	11 ·05	19 ·00	25	3	Tues.	31	12 ·45	... ...	26	1	Sun.	31	14 ·12	4 ·46	28
	Feb.						**April.**						**June.**				
Prajāpati. **Kumbha—Māsi.** 4	Sat.	1	12 ·14	20 ·10	26	4	Wed.	1	13 ·43	25 ·01	27	2	Mon.	1	A ·01 / 1 ·92	5 ·39	29
5	Sun.	2	13 ·20	21 ·20	27	5	Thur.	2	14 ·40	26 ·01 / 27 ·99	28	3	Tues.	2	2 ·81	6 ·33	30
6	Mon	3	14 ·26	22 ·27	28	6	Fri.	3	A ·34	1 ·95	29	4	Wed.	3	3 ·71	7 ·26	1
7	Tues.	4	A ·28	23 ·32	29	7	Sat.	4	1 ·27	2 ·90	30	5	Thur.	4	4 ·61	8 ·20	2
8	Wed.	5	1 ·29	24 ·35	30	8	Sun.	5	2 ·19	3 ·85	1	6	Fri.	5	5 ·53	9 ·14	3
9	Thur.	6	2 ·27	25 ·36	1	9	Mon.	6	3 ·10	4 ·79	2	7	Sat.	6	6 ·47	10 ·10	4
10	Fri.	7	3 ·24	26 ·38	2	10	Tues.	7	4 ·00 / 5 ·90	5 ·72	3	8	Sun.	7	7 ·40	11 ·08	5
11	Sat.	8	4 ·19	27 ·33	3	11	Wed.	8	6 ·80	6 ·65	4	9	Mon.	8	8 ·38	12 ·06	6
12	Sun.	9	5 ·12	1 ·22	4	12	Thur.	9	7 ·70	7 ·58	5	10	Tues.	9	9 ·36	13 ·07	7
13	Mon.	10	6 ·04 / 7 ·94	2 ·23	5	13	Fri.	10	8 ·61	8 ·53	6	11	Wed.	10	10 ·37	14 ·09	8
14	Tues.	11	8 ·85	3 ·17	6	14	Sat.	11	9 ·52	9 ·48	7	12	Thur.	11	11 ·39	15 ·14	9
15	Wed.	12	9 ·76	4 ·11	7	15	Sun.	12	10 ·46	10 ·44	8	13	Fri.	12	12 ·44	16 ·21	10
16	Thur.	13	10 ·65	5 ·04 / 6 ·97	8	16	Mon.	13	11 ·41	11 ·41	9	14	Sat.	13	13 ·50	17 ·30	11
17	Fri.	14	11 ·56	7 ·90	9	17	Tues.	14	12 ·38	12 ·41	10	15	Sun.	14	14 ·57	18 ·40	12
18	Sat.	15	12 ·47	8 ·85	10	18	Wed.	15	13 ·37	13 ·43	11	16	Mon.	15	P ·65	19 ·51	13
19	Sun.	16	13 ·39	9 ·80	11	19	Thur.	16	14 ·38	14 ·47	12	17	Tues.	16	1 ·74	20 ·61	14
20	Mon.	17	14 ·32	10 ·77	12	20	Fri.	17	P ·42	15 ·52	13	18	Wed.	17	2 ·82	21 ·71	15
21	Tues.	18	P ·30	11 ·76	13	21	Sat.	18	1 ·46	16 ·60	14	19	Thur.	18	3 ·88	22 ·81	16
22	Wed.	19	1 ·26	12 ·77	14	22	Sun.	19	2 ·53	17 ·69	15	20	Fri.	19	4 ·93	23 ·88	17
23	Thur.	20	2 ·24	13 ·79	15	23	Mon.	20	3 ·60	18 ·80	16	21	Sat.	20	5 ·95	24 ·94	18
24	Fri.	21	3 ·26	14 ·84	16	24	Tues.	21	4 ·69	19 ·91	17	22	Sun.	21	6 ·95	25 ·97	19
25	Sat.	22	4 ·29	15 ·91	17	25	Wed.	22	5 ·78	... ...	18	23	Mon.	22	7 ·94	26 ·98	20
26	Sun.	23	5 ·35	... ...	18	26	Thur.	23	6 ·85	20 ·01	19	24	Tues.	23	8 ·89	27 ·98	21
27	Mon.	24	6 ·42	16 ·00	19	27	Fri.	24	7 ·91	21 ·11	20	25	Wed.	24	9 ·85	1 ·96	22
28	Tues.	25	7 ·51	17 ·09	20	28	Sat.	25	8 ·95	22 ·19	21	26	Thur.	25	10 ·77	2 ·92	23
29	Wed.	26	8 ·59	18 ·20	21	29	Sun.	26	9 ·98	23 ·26	22	27	Fri.	26	11 ·69	3 ·86	24
30	Thur.	27	9 ·68	19 ·30	22	30	Mon.	27	10 ·98	24 ·31	23	28	Sat.	27	12 ·59	4 ·80	25
1	Fri.	28	10 ·76	20 ·41	23	31	Tues.	28	11 ·97	25 ·33	24	29	Sun.	28	13 ·49	5 ·74	26
2	Sat.	29	11 ·81	21 ·50	24	1	Wed.	29	12 ·92	26 ·33	25	30	Mon.	29	14 ·38	6 ·67	27
						2	Thur.	30	13 ·86	27 ·32	26	31	Tues.	30	A ·28	7 ·60	28

Naksh :—1. A^{6}vin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

* In the year **A.D. 1752**, the **New style** was introduced by an Act of the British Parliament and **11** days were dropped out, new-moon after **28th** August **1752** which would ordinarily have occurred on **26th** September **1752** actually occurred on **8th**

A.D. 1752. **Kollam 928,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1166.** **Vikrama 1809.**
A—Amāvāsyā. Commences Commences **Nov. 8.** **Bengal San. 1158.**
P—Paurnimā. **(N. Cycle) Chitrabhānu.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
1	Wed. 1	1 ·19	8 ·54	—29	—31	Tues. 1	*Śukla.* 5 ·88	15 ·08	3	20	Wed. 1	10 ·16	11 ·72	23
2	Thur. 2	2 ·09	9 ·48	1	1	Wed. 2	6 ·93	16 ·14	4	21	Thur. 2	11 ·10	12 ·70	24
3	Fri. 3	3 ·01 / 4 ·94	10 ·44	2		...				22	Fri. 3	12 ·04	13 ·69	25
4	Sat. 4	5 ·89	11 ·40	3		...				23	Sat. 4	13 ·02	14 ·69	26
5	Sun. 5	6 ·85	12 ·39	4		...				24	Sun. 5	14 ·00	15 ·71	27
6	Mon. 6	7 ·83	13 39	5		...	*	*		25	Mon. ● 6	—**A** ·02	16 ·75	28
7	Tues. 7	8 ·85	14 ·41	6		...				26	Tues. 7	1 ·03	17 ·83	—29
8	Wed. 8	9 ·87	15 ·45	7		...				27	Wed. 8	2 ·08	18 ·91	1
9	Thur. 9	10 ·91	16 ·52	8		...				28	Thur. 9	3 ·16	... ...	2
10	Fri. 10	11 ·97	17 ·60	9		...				29	Fri. 10	4 ·24	19 ·01	3
11	Sat. 11	... ...	18 ·70	10		...				—30	Sat. 11	5 ·33	20 ·11	4
12	Sun. 12	12 ·06	19 ·80	11		...				1	Sun. 12	6 ·41	21 ·22	5
13	Mon. 13	13 ·13	20 ·91	12	2	Thur. 14	7 ·99	17 ·21	5	2	Mon. 13	7 ·49	22 ·32	6
14	Tues. 14	14 ·21	... ...	13	3	Fri. 15	... ...	18 ·30	6	3	Tues. 14	8 ·56	23 ·42	7
15	Wed. 15	P ·29	21 ·02	14	4	Sat. 16	8 ·07	19 ·41	7	4	Wed. 15	9 ·62	24 ·50	8
16	Thur. 16	1 ·35	22 ·11	15	5	Sun. 17	9 ·15	20 ·51	8	5	Thur. 16	10 ·65	25 ·55	9
17	Fri. 17	2 ·41	23 ·19	16	6	Mon. 18	10 ·23	21 ·62	9	6	Fri. 17	11 ·65	26 ·59	10
18	Sat. 18	3 ·43	24 ·25	17	7	Tues. 19	11 ·30	22 ·72	10	7	Sat. 18	12 ·65	27 ·60	11
19	Sun. 19	4 ·44	25 ·29	18	8	Wed. 20	12 ·38	23 ·80	11	8	Sun. 19	13 ·61	1 ·61	12
20	Mon. 20	5 ·41	26 ·31	19	9	Thur. 21	13 ·43	24 ·88	12	9	Mon. 20	14 ·57	2 ·58	13
21	Tues. 21	6 ·38	27 ·31	20	10	Fri. 22	14 ·46	25 ·93	13	10	Tues. 21	P ·50	3 ·54	14
22	Wed. 22	7 32	1 ·29	21	11	Sat. 23	P ·47	26 ·95	14	11	Wed. 22	1 ·43	4 ·49	15
23	Thur. 23	8 ·26	2 ·25	22	12	Sun. 24	1 ·45	27 ·96	15	12	Thur. 23	2 ·34	5 ·43	16
24	Fri. 24	9 ·19	3 ·20	23	13	Mon. 25	2 ·43	1 ·94	16	13	Fri. 24	3 ·24	6 ·37	17
25	Sat. 25	10 ·08 / 11 ·99	4 ·15	24	14	Tues. 26	3 ·37	2 ·91	17	14	Sat. 25	4 ·14	7 ·30	18
26	Sun. 26	12 ·88	5 ·08	25	15	Wed. 27	4 ·31	3 ·88	18	15	Sun. 26	5 ·05 / 6 ·96	8 ·23	19
27	Mon. 27	13 ·79	6 ·01 / 7 ·94	26	16	Thur. 28	5 ·28	4 ·82	19	16	Mon. 27	7 ·86	9 ·17	20
28	Tues. 28	14 ·68	8 ·87	27	17	Fri. 29	6 ·14	5 ·76	20	17	Tues. 28	8 ·79	10 ·11	21
29	Wed. 29	—**A** ·58	9 ·81	28	18	Sat. 30	7 ·04 / 8 ·95	6 ·69	21	18	Wed. 29	9 ·72	11 ·07	22
30	Thur. 30	1 ·51	10 ·77	29						19	Thur. 30	10 ·66	12 ·03	23
31	Fri. 31	2 ·44	11 ·73	—30										
	Aug.					**Oct.**					**Dec.**			
—32	Sat. 1	3 ·38	12 ·71	1	19	Sun. 1	9 ·85	7 ·62	22	20	Fri. 1	11 ·64	13 ·01	24
1	Sun. 2	4 ·34	13 ·71	2	20	Mon. 2	10 ·74	8 ·56	23	21	Sat. 2	12 ·62	14 ·01	25
2	Mon. 3	5 ·33	14 ·72	3	21	Tues. 3	11 ·65	9 ·49	24	22	Sun. 3	13 ·65	15 ·03	26
3	Tues. 4	6 ·34	15 ·77	4	22	Wed. 4	12 ·57	10 ·44	25	23	Mon. 4	14 ·67	16 ·06	27
4	Wed. 5	7 ·36	16 ·83	5	23	Thur. 5	13 ·50	11 ·39	26	24	Tues. 5	—**A** ·72	17 ·13	28
5	Thur. 6	8 ·41	17 ·91	6	24	Fri. 6	14 ·44	12 ·36	27	25	Wed. 6	1 ·78	18 ·21	29
6	Fri. 7	9 ·47	... ...	7	25	Sat. 7	—**A** ·41	13 ·36	28	26	Thur. 7	2 ·87	19 ·31	—30
7	Sat. 8	10 ·55	18 ·00	8	26	Sun. 8	1 ·40	14 ·37	29	27	Fri. 8	3 ·96	20 ·41	1
8	Sun. 9	11 ·53	19 ·10	9	27	Mon. 9	2 ·42	15 ·40	—30	28	Sat. 9	... ...	21 ·51	2
9	Mon. 10	12 ·72	20 ·22	10	28	Tues. 10	3 ·44	16 ·45	1	29	Sun. 10	4 ·04	22 ·62	3
10	Tues. 11	13 ·79	21 ·32	11	29	Wed. 11	4 ·49	17 ·52	2	—30	Mon. 11	5 ·12	23 ·72	4
11	Wed. 12	14 ·85	22 ·42	12	—30	Thur. 12	5 ·55	18 ·61	3	1	Tues. 12	6 ·20	24 ·80	5
12	Thur. 13	P ·90	23 ·50	13	1	Fri. 13	6 ·63	19 ·71	4	2	Wed. 13	7 ·26	25 ·86	6
13	Fri. 14	1 ·92	24 ·56	14	2	Sat. 14	7 ·72	20 ·81	5	3	Thur. 14	8 ·28	26 ·90	7
14	Sat. 15	2 ·94	25 ·61	15	3	Sun. 15	8 ·80	21 ·92	6	4	Fri. 15	9 ·30	27 ·93	8
15	Sun. 16	3 ·92	26 ·63	16	4	Mon. 16	9 ·88	... ...	7	5	Sat. 16	10 ·28	1 ·93	9
16	Mon. 17	4 ·89	27 ·63	17	5	Tues. 17	10 ·95	22 ·02	8	6	Sun. 17	11 ·24	2 ·91	10
17	Tues. 18	5 ·83	1 ·61	18	6	Wed. 18	... ...	23 ·12	9	7	Mon. 18	12 ·20	3 ·88	11
18	Wed. 19	6 ·77	2 ·58	19	7	Thur. 19	11 ·00	24 ·19	10	8	Tues. 19	13 ·13	4 ·83	12
19	Thur. 20	7 ·69	3 ·54	20	8	Fri. 20	12 ·03	25 ·24	11	9	Wed. 20	14 ·05 / P ·96	5 ·78	13
20	Fri. 21	8 ·59	4 ·48	21	9	Sat. 21	13 ·04	26 ·27	12					
21	Sat. 22	9 ·50	5 ·42	22	10	Sun. 22	14 ·04	27 ·28	13	10	Thur. 21	1 ·88	6 ·71	14
22	Sun. 23	10 ·39	6 ·35	23	11	Mon. 23	P ·00 / 1 ·96	1 ·27	14	11	Fri. 22	2 ·77	7 ·64	15
23	Mon. 24	11 ·30	7 ·28	24	12	Tues. 24	2 ·89	2 ·25	15	12	Sat. 23	3 ·68	8 ·57	16
24	Tues. 25	12 ·20	8 ·21	25	13	Wed. 25	3 ·80	3 ·21	16	13	Sun. 24	4 ·58	9 ·50	17
25	Wed. 26	13 ·10	9 ·16	26	14	Thur. 26	4 ·72	4 ·16	17	14	Mon. 25	5 ·49	10 ·45	18
26	Thur. 27	14 ·02 / **A** ·95	10 ·10	27	15	Fri. 27	5 ·62	5 ·09	18	15	Tues. 26	6 ·42	11 ·40	19
27	Fri. 28	1 ·89	11 ·06	28	16	Sat. 28	6 ·52	6 ·03 / 7 ·97	19	16	Wed. 27	7 ·36	12 ·36	20
28	Sat. 29	2 ·86	12 ·04	—29						17	Thur. 28	8 ·31	13 ·34	21
29	Sun. 30	3 ·85	13 ·03	1	17	Sun. 29	7 ·43	8 ·89	20	18	Fri. 29	9 ·28	14 ·33	22
30	Mon. 31	4 ·87	14 ·05	2	18	Mon. 30	8 ·34	9 ·83	21	19	Sat. 30	10 ·28	15 ·34	23
					19	Tues. 31	9 ·24	10 ·77	22	20	Sun. 31	11 ·29	16 ·39	24

Āngiras. **Karkaṭaka—Ādi.** *Nija Āshādha.* *Śukla.* *Rahula.* *H.* 1165 *Ramazān.*

Āngiras. **Siṁha—Āvaṇi.** *Śrāvaṇa.* *Śukla.* *Bahula.* *H.* 1165 *Shavvāl.*

Āngiras. **Kanyā—Puraṭṭāśi.** *Bhādrapada.* *Śukla.* *Āśvina.* *Bahula.* *H.* 1165 *Zī-l-ka'da.*

Āngiras. **Tulā—Aippaśi.** *Āśvina.* *Śukla.* *Bahula.* *H.* 1165 *Zī-l-ḥijja.*

Āngiras. **Vṛśchika—Kārttigai.** *Kārttika.* *Śukla.* *Bahula.* *H.* 1166 *Muḥarram.*

Āngiras. **Dhanus—Mārgaḷi.** *Mārgaśirsha.* *Śukla.* *Bahula.* *H.* 1166 *Ṣafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

that is, the next day after Wednesday, **2nd** September **1752** was declared to be Thursday, **24th** September **1752**. Hence the October **1752**.

A.D. 1753. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·58.** **Śaka 1675.** **Kaliyuga 4854.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·49.** **(S. Cycle) Śrīmukha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
21	Mon. 1	12 ·31	17 ·44	25	22	Thur. 1	12 ·90	21 ·42	25	23	Tues. 1	13 ·29	27 ·53	27
22	Tues. 2	13 ·37	18 ·51	26	23	Fri. 2	13 ·98	22 ·52	26	24	Wed. 2	14 ·30	1 ·55	28
23	Wed. 3	14 ·44	19 ·60	27	24	Sat. 3	... ...	23 ·63	27	25	Thur.● 3	—**A** ·28	2 ·55	—29
24	Thur. 4	—**A** ·53	20 ·71	28	25	Sun. 4	14 ·05	24 ·73	28	26	Fri. 4	1 ·24	3 ·54	1
25	Fri. 5	1 ·61	21 ·82	—29	26	Mon. 5	—**A** ·12	25 ·80	—29	27	Sat. 5	2 ·18	4 ·51	2
26	Sat. 6	2 ·70	22 ·93	1	27	Tues. 6	1 ·16	26 ·85	1	28	Sun. 6	3 ·11	5 ·46	3
27	Sun. 7	3 ·79	... ...	2	28	Wed. 7	2 ·18	27 ·89	2	29	Mon. 7	4 ·02 / 5 ·92	6 ·41	4
28	Mon. 8	4 ·85	23 ·02	3	29	Thur. 8	3 ·19	1 ·90	3	30	Tues. 8	6 ·83	7 ·34	5
—29	Tues. 9	5 ·90	24 ·11	4	—30	Fri. 9	4 ·18	2 ·90	4	—31	Wed. 9	7 ·73	8 ·27	6
1	Wed. 10	6 ·93	25 ·17	5	1	Sat. 10	5 ·14	3 ·88	5	1	Thur. 10	8 ·62	9 ·20	7
2	Thur. 11	7 ·94	26 ·23	6	2	Sun. 11	6 ·07	4 ·84	6	2	Fri. 11	9 ·52	10 ·13	8
3	Fri. 12	8 ·93	27 ·25	7	3	Mon. 12	7 ·01 / 8 ·93	5 ·79	7	3	Sat. 12	10 ·43	11 ·07	9
4	Sat. 13	9 ·90	1 ·26	8	4	Tues. 13	9 ·84	6 ·73	8	4	Sun. 13	11 ·36	12 ·03 / 13 ·99	10
5	Sun. 14	10 ·84	2 ·24	9	5	Wed. 14	10 ·73	7 ·67	9	5	Mon. 14	12 ·29	14 ·96	11
6	Mon. 15	11 ·78	3 ·21	10	6	Thur. 15	11 ·64	8 ·60	10	6	Tues. 15	13 ·25	15 ·95	12
7	Tues. 16	12 ·70	4 ·17	11	7	Fri. 16	12 ·53	9 ·53	11	7	Wed. 16	14 ·21	16 ·97	13
8	Wed. 17	13 ·61	5 ·12	12	8	Sat. 17	13 ·44	10 ·46	12	8	Thur. 17	**P** ·19	... ...	14
9	Thur. 18	14 ·51	6 ·05 / 7 ·98	13	9	Sun. 18	14 ·35	11 ·40	13	9	Fri. 18	1 ·21	17 ·00	15
10	Fri. 19	**P** ·41	8 ·91	14	10	Mon. 19	**P** ·28	12 ·35	14	10	Sat. 19	2 ·25	18 ·05	16
11	Sat. 20	1 ·32	9 ·84	15	11	Tues. 20	1 ·22	13 ·33	15	11	Sun. 20	3 ·30	19 ·18	17
12	Sun. 21	2 ·22	10 ·79	16	12	Wed. 21	2 ·17	14 ·31	16	12	Mon. 21	4 ·36	20 ·22	18
13	Mon. 22	3 ·14	11 ·73	17	13	Thur. 22	3 ·15	15 ·31	17	13	Tues. 22	5 ·44	21 ·32	19
14	Tues. 23	4 ·07	12 ·69	18	14	Fri. 23	4 ·13	16 ·33	8	14	Wed 23	6 ·53	22 ·43	20
15	Wed. 24	5 ·00 / 6 ·95	13 ·66	19	15	Sat. 24	5 ·16	17 ·37	19	15	Thur. 24	7 ·62	23 ·53	21
16	Thur. 25	7 ·93	14 ·66	20	16	Sun. 25	6 ·19	18 ·44	20	16	Fri. 25	8 ·68	24 ·63	22
17	Fri. 26	8 ·92	15 ·67	21	17	Mon. 26	7 ·23	19 ·52	21	17	Sat. 26	9 ·74	25 ·72	23
18	Sat. 27	9 ·93	16 ·70	22	18	Tues. 27	8 ·31	20 ·61	22	18	Sun. 27	10 ·79	26 ·79	24
19	Sun. 28	10 ·98	17 ·75	23	19	Wed. 28	9 ·39	21 ·72	23	19	Mon. 28	11 ·80	27 ·84	25
20	Mon. 29	... ...	18 ·82	24	20	Thur. 29	10 ·48	22 ·82	24	20	Tues. 29	12 ·80	1 ·87	26
21	Tues. 30	11 ·03	19 ·91	25	21	Fri. 30	11 ·56	23 ·93	25	21	Wed. 30	13 ·78	2 ·88	27
22	Wed. 31	12 ·10	... ...	26	22	Sat. 31	12 ·65	... ...	26	22	Thur. 31	14 ·75	3 ·87	28
	Feb.					**April.**					**June.**			
23	Thur. 1	13 ·18	20 ·01	27	23	Sun. 1	13 ·70	24 ·03	27	23	Fri. 1	—**A** ·68	4 ·84	29
24	Fri. 2	14 ·26	21 ·12	28	24	Mon. 2	14 ·74	25 ·11	28	24	Sat. 2	1 ·61	5 ·80	—30
25	Sat. 3	—**A** ·36	22 ·23	29	25	Tues. 3	—**A** ·77	26 ·17	29	25	Sun. 3	2 ·52	6 ·75	1
26	Sun. 4	1 ·44	23 ·33	—30	26	Wed. 4	1 ·76	27 ·20	—30	26	Mon. 4	3 ·42	7 ·68	2
27	Mon. 5	2 ·51	24 ·41	1	27	Thur. 5	2 ·75	1 ·23	1	27	Tues. 5	4 ·32	8 ·61	3
28	Tues. 6	3 ·55	25 ·49	2	28	Fri. 6	3 ·70	2 ·23	2	28	Wed. 6	5 ·22	9 ·54	4
—29	Wed. 7	4 ·57	26 ·54	3	—29	Sat. 7	4 ·65	3 ·21	3	29	Thur. 7	6 ·12	10 ·48	5
1	Thur. 8	5 ·58	27 ·57	4	30	Sun. 8	5 ·58	4 ·17	4	30	Fri. 8	7 ·02 / 8 ·94	11 ·42	6
2	Fri. 9	6 ·56	1 ·58	5	1	Mon. 9	6 ·50	5 ·12	5	31	Sat. 9	9 ·85	12 ·36	7
3	Sat. 10	7 ·53	2 ·59	6	2	Tues. 10	7 ·41	6 ·06	6	—32	Sun. 10	10 ·79	13 ·32	8
4	Sun. 11	8 ·47	3 ·55	7	3	Wed. 11	8 ·30	7 ·01 / 8 ·93	7	1	Mon. 11	11 ·74	14 ·29	9
5	Mon. 12	9 ·40	4 ·51	8	4	Thur. 12	9 ·20	9 ·87	8	2	Tues. 12	12 ·70	15 ·28	10
6	Tues. 13	10 ·32	5 ·45	9	5	Fri. 13	10 ·09 / 11 ·00 / 12 ·91	10 ·80	9	3	Wed. 13	13 ·69	16 ·29	11
7	Wed. 14	11 ·24	6 ·39	10	6	Sat. 14		11 ·74	10	4	Thur. 14	14 ·70	17 ·31	12
8	Thur. 15	12 ·13	7 ·32	11	7	Sun. 15	13 ·84	12 ·70	11	5	Fri. 15	**P** ·73	18 ·36	13
9	Fri. 16	13 ·03 / 14 ·94	8 ·26	12	8	Mon. 16	14 ·77	13 ·66	12	6	Sat. 16	1 ·78	19 ·43	14
10	Sat. 17	**P** ·84	9 ·19	13	9	Tues.○ 17	**P** ·72	14 ·63	13	7	Sun. 17	2 ·84	20 ·52	15
11	Sun. 18	1 ·76	10 ·12	14	10	Wed. 18	1 ·70	15 ·63	14	8	Mon. 18	3 ·92	21 ·62	16
12	Mon. 19	2 ·68	11 ·07	15	11	Thur. 19	2 ·68	16 ·64	15	9	Tues. 19	... ...	22 ·73	17
13	Tues. 20	3 ·62	12 ·02	16	12	Fri. 20	3 ·70	17 ·69	16	10	Wed. 20	4 ·00	23 ·83	18
14	Wed. 21	4 ·57	13 ·00 / 14 ·98	17	13	Sat. 21	4 ·74	18 ·75	17	11	Thur. 21	5 ·09	24 ·93	19
15	Thur. 22	5 ·55	15 ·99	18	14	Sun. 22	5 ·78	19 ·82	18	12	Fri. 22	6 ·16	... ...	20
16	Fri. 23	6 ·54	... ...	19	15	Mon. 23	6 ·85	20 ·91	19	13	Sat. 23	7 ·22	25 ·02	21
17	Sat. 24	7 ·55	16 ·01	20	16	Tues. 24	7 ·93	... ...	20	14	Sun. 24	8 ·26	26 ·10	22
18	Sun. 25	8 ·59	17 ·06	21	17	Wed. 25	... ...	21 ·01	21	15	Mon. 25	9 ·28	27 ·16	23
19	Mon. 26	9 ·64	18 ·12	22	18	Thur. 26	8 ·02	22 ·13	22	16	Tues. 26	10 ·28	1 ·19	24
20	Tues. 27	10 ·72	19 ·21	23	19	Fri. 27	9 ·11	23 ·23	23	17	Wed. 27	11 ·26	2 ·20	25
21	Wed. 28	11 ·81	20 ·31	24	20	Sat. 28	10 ·18	24 ·33	24	18	Thur. 28	12 ·23	3 ·19	26
					21	Sun. 29	11 ·24	25 ·41	25	19	Fri. 29	13 ·17	4 ·18	27
					22	Mon. 30	12 ·29	26 ·48	26	20	Sat. 30	14 ·10	5 ·14	28

Āngiras. **Makara—Tai.** *Pausha.* *Śukla.* *Bahula.* *H.* 1166 *Rabi-ul awwal.*

Āngiras. **Kumbha—Māśi.** *Māgha.* *Śukla.* *Bahula.* *H.* 1166 *Rabi-ul ākhir.*

Āngiras. **Mīna—Pāṅguni.** *Phālguna.* *Śukla.* *Bahula.* *H.* 1166 *Jamādā'l awwal.*

Śrīmukha. **Mēsha—Chittirai.** *Chaitra.* *Śukla.* *Bahula.* *H.* 1166 *Jamādā'l ākhir.*

Śrīmukha. **Vṛishabha—Vaigāśi.** *Vaiśākha.* *Śukla.* *Bahula.* *H.* 1166 *Shaʻbān.*

Śrīmukha. **Mithuna—Āni.** *Jyeshtha.* *Śukla.* *Bahula.* *H.* 1166 *Rajab.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad 27. Rev.

A.D 1753. **Kollam 929,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** } **Hijra 1167.** **Vikrama 1810.**
A—Amāvāsyā. Commences Commences **Oct. 29.** **Bengal San. 1159.**
P—Paurnimā. **(N. Cycle) Subhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Śrīmukha.			*Śukla.*			*Śrīmukha.*			*Śukla.*			*Śrīmukha.*			*Śukla.*		
Mithuna—Āṇi.						**Simha—Āvaṇi.**						**Tulā—Aippaśi.**					
21	Sun.	1	A ·01 / 1 ·91	6 ·08	—29	20	Sat.	1	4 ·26	14 ·28	3	20	Thur.	1	6 ·39	20 ·04	4
22	Mon.	2	2 ·81	7 ·02 / 8 ·95	1	21	Sun.	2	5 ·20	15 ·26	4	21	Fri.	2	7 ·45	21 ·13	5
23	Tues.	3	3 ·71	9 ·88	2	22	Mon.	3	6 ·18	16 ·25	5	22	Sat.	3	8 ·53	22 ·23	6
24	Wed.	4	4 ·61	10 ·82	3	23	Tues.	4	7 16	17 ·26	6	23	Sun.	4	9 ·62	23 ·33	7
25	Thur.	5	5 ·51	11 ·75	4	24	Wed.	5	8 ·18	18 ·30	7	24	Mon.	5	10 ·71	24 ·44	8
26	Fri.	6	6 ·42	12 ·70	5	25	Thur.	6	9 ·20	19 ·36	8	25	Tues.	6	11 ·79	25 ·54	9
27	Sat.	7	7 ·33	13 ·65	6	26	Fri.	7	10 ·25	20 ·43	9	26	Wed.	7	12 ·86	26 ·63	10
28	Sun.	8	8 ·27	14 ·63	7	27	Sat.	8	11 ·30	21 ·52	10	27	Thur.	8	13 ·90	27 ·72	11
29	Mon.	9	9 ·21	15 ·61	8	28	Sun.	9	12 ·38	22 ·62	11	28	Fri.	9	14 ·93	1 ·77	12
30	Tues.	10	10 ·18	16 ·61	9	29	Mon.	10	13 ·47	23 ·73	12	29	Sat.	10	P ·95	2 ·81	13
—31	Wed.	11	11 ·16	17 ·63	10	—30	Tues.	11	14 ·55	24 ·84	13	—30	Sun.	11	1 ·93	3 ·82	14
1	Thur.	12	12 ·17	18 ·67	11	1	Thur.	12	P ·63	25 ·94	14	1	Mon.	12	2 90	4 ·82	15
2	Fri.	13	13 ·21	19 ·73	12	2	Fri.	13	1 ·70	... ...	15	2	Tues.	13	3 ·85	5 ·80	16
3	Sat.	14	14 ·26	20 ·84	13	3	Sat.	14	2 ·75	26 ·02	16	3	Wed.	14	4 ·78	6 ·76	17
4	Sun.	15	P ·32	21 ·92	14	4	Sun.	15	3 ·77	27 ·09	17	4	Thur.	15	5 ·71	7 ·71	18
5	Mon.	16	1 ·40	... ...	15	5	Mon.	16	4 ·78	1 ·15	18	5	Fri.	16	6 ·62	8 ·65	19
6	Tues.	17	2 ·48	22 ·02	16	6	Tues.	17	5 ·77	2 ·17	19	6	Sat.	17	7 ·52	9 ·58	20
7	Wed.	18	3 ·55	23 ·13	17	7	Wed.	18	6 ·74	3 ·18	20	7	Sun.	18	8 ·42	10 ·52	21
8	Thur.	19	4 ·62	24 ·23	18	8	Thur.	19	7 ·68	4 ·16	21	8	Mon.	19	9 ·33	11 ·45	22
9	Fri	20	5 ·70	25 ·34	19	9	Fri.	20	8 ·61	5 ·13	22	9	Tues.	20	10 ·23	12 ·39	23
10	Sat.	21	6 ·74	26 ·41	20	10	Sat.	21	9 ·53	6 ·10	23	10	Wed.	21	11 ·14	13 ·33	24
11	Sun.	22	7 ·76	27 ·47	21	11	Sun.	22	10 ·43	7 ·04 / 8 ·98	24	11	Thur.	22	12 ·06	14 ·28	25
12	Mon.	23	8 ·76	1 ·51	22	12	Mon.	23	11 ·34	9 ·91	25	12	Fri.	23	13 ·00 / 14 ·95	15 ·25	26
13	Tues.	24	9 ·75	2 ·52	23	13	Tues.	24	12 ·24	10 ·84	26	13	Sat.	24	—A ·92	16 ·23	27
14	Wed.	25	10 ·70	3 ·53	24	14	Wed.	25	13 ·14	11 ·77	27	14	Sun.	25	1 ·91	17 ·23	28
15	Thur.	26	11 ·64	4 ·51	25				14 ·04			15	Mon.	26	2 ·93	18 ·25	29
16	Fri.	27	12 ·58	5 ·47	26	15	Thur.	27	A ·95	12 ·71	28	16	Tues.	27	3 ·96	19 ·28	—30
17	Sat.	28	13 ·50	6 ·42	27	16	Fri.	28	1 ·87	13 ·66	29	17	Wed.	28	... ...	20 ·35	1
18	Sun.	29	14 ·40	7 ·36	28	17	Sat.	29	2 ·80	14 ·61	—30	18	Thur.	29	4 ·01	21 ·43	2
19	Mon.	30	—A ·30	8 ·30	29	18	Sun.	30	3 ·75	15 ·58	1	19	Fri.	30	5 ·08	22 ·53	3
20	Tues.	31	1 ·21	9 ·23	—30				4 ·72	16 ·57	2						
	Aug.						**Oct.**						**Dec.**				
Śrīmukha.			*Bahula.*			*Śrīmukha.*			*Bahula.*			*Śrīmukha.*			*Bahula.*		
Karkataka—Ādi.						**Kanyā—Puraṭṭāśi.**						**Vṛiśchika—Kārttigai.**					
21	Wed.	1	2 ·09 / 3 ·99	10 ·16	1	19	Mon.	1	5 ·70	17 ·59	3	20	Sat.	1	6 ·17	23 ·63	4
22	Thur.	2	4 ·91	11 ·09	2	20	Tues.	2	6 ·73	18 ·62	4	21	Sun.	2	7 ·25	24 ·73	5
23	Fri.	3	5 ·82	12 ·03 / 13 ·99	3	21	Wed.	3	7 ·76	19 ·67	5	22	Mon.	3	8 ·34	25 ·84	6
24	Sat.	4	6 ·74	14 ·95	4	22	Thur.	4	8 ·80	20 ·73	6	23	Tues.	4	9 ·42	26 ·94	7
25	Sun.	5	7 ·69	15 ·93	5	23	Fri.	5	9 ·85	21 ·82	7	24	Wed.	5	10 ·49	... ...	8
26	Mon.	6	8 ·67	16 ·93	6	24	Sat.	6	10 ·93	22 ·92	8	25	Thur.	6	11 ·54	27 ·02	9
27	Tues.	7	9 ·65	17 ·94	7	25	Sun.	7	... ...	.. ...	9	26	Fri.	7	12 ·57	1 ·08	10
28	Wed.	8	10 ·65	18 ·98	8	26	Mon.	8	11 ·02	23 ·03	10	27	Sat.	8	13 ·58	2 ·12	11
29	Thur.	9	11 ·68	...	9	27	Tues.	9	12 ·11	24 ·14	11	28	Sun.	9	14 ·56	3 ·14	12
30	Fri.	10	12 ·73	19 ·05	10	28	Wed.	10	13 ·19	25 ·24	12	29	Mon.	10	P ·53	4 ·15	13
31	Sat.	11	13 ·80	20 ·13	11	29	Thur.	11	14 ·26	26 ·33	13	—30	Tues.	11	1 ·47	5 ·13	14
—32	Sun.	12	14 ·88	21 ·22	12	—30	Fri. ○	12	P ·31	27 ·41	14	1	Wed.	12	2 ·41	6 ·10	15
1	Mon.	13	P ·97	22 ·32	13	1	Sat.	13	1 ·33	1 ·46	15	2	Thur.	13	3 ·38	7 ·05 / 8 ·99	16
2	Tues.	14	... ...	23 ·43	14	2	Sun.	14	2 ·35	2 ·49	16	3	Fri.	14	4 ·24	9 ·93	17
3	Wed.	15	1 ·04	24 ·54	15	3	Mon.	15	3 ·38	3 ·50	17	4	Sat.	15	5 ·15	10 ·86	18
4	Thur.	16	2 ·12	25 ·64	16	4	Tues.	16	4 ·31	4 ·49	18	5	Sun.	16	6 ·05 / 7 ·95	11 ·79	19
5	Fri.	17	3 ·18	26 ·72	17	5	Wed.	17	5 ·25	5 ·46	19	6	Mon.	17	8 ·85	12 ·72	20
6	Sat.	18	4 ·22	27 ·78	18	6	Thur.	18	6 ·18	6 ·43	20	7	Tues.	18	9 ·77	13 ·66	21
7	Sun.	19	5 ·26	1 ·82	19	7	Fri.	19	7 ·10	7 ·38	21	8	Wed	19	10 ·69	14 ·62	22
8	Mon.	20	6 ·25	2 ·85	20	8	Sat.	20	8 ·00 / 9 ·90	8 ·31	22	9	Thur.	20	11 ·63	15 ·58	23
9	Tues.	21	7 ·24	3 ·86	21	9	Sun.	21	10 ·80	9 ·25	23	10	Fri.	21	12 ·58	16 ·56	24
10	Wed.	22	8 ·20	4 ·84	22	10	Mon.	22	11 ·71	10 ·18	24	11	Sat.	22	13 ·57	17 ·55	25
11	Thur.	23	9 ·16	5 ·80	23	11	Tues.	23	12 ·62	11 ·11	25	12	Sun.	23	14 ·55	18 ·56	26
12	Fri.	24	10 ·09 / 11 ·99	6 ·75	24	12	Wed.	24	13 ·53	12 ·05 / 13 ·99	26	13	Mon.	24	—A ·56	19 ·60	27
13	Sat.	25	12 ·90	7 ·70	25	13	Thur.	25	14 ·45	14 ·94	27	14	Tues.	25	1 ·60	20 ·66	28
14	Sun.	26	13 ·80	8 ·64	26	14	Fri. ●	26	—A ·38	15 ·91	28	15	Wed.	26	2 ·66	21 ·74	—29
15	Mon.	27	14 ·71	9 ·57	27	15	Sat.	27	1 ·33	16 ·91	29	16	Thur.	27	3 ·73	22 ·83	1
16	Tues.	28	—A ·60	10 ·50	28	16	Sun.	28	2 ·30	17 ·91	—30	17	Fri.	28	4 ·82	23 ·93	2
17	Wed.	29	1 ·51	11 ·43	—29	17	Mon.	29	3 ·29	18 ·93	1	18	Sat.	29	5 ·91	.. ...	3
18	Thur.	30	2 ·41	12 ·37	1	18	Tues.	30	4 ·30	19 ·97	2	19	Sun.	30	6 ·99	24 ·03	4
19	Fri.	31	3 ·33	13 ·32	2	19	Wed.	31	5 ·33	... ...	3	20	Mon.	31	.. ...	25 ·14	5

H. 1166 *Ramazān.* — *H.* 1166 *Shawwāl.* — *H.* 1166 *Zī-l-ka'da.* — *H.* 1166 *Zī-l-hijja.* — *H.* 1167 *Muharram.* — *H.* 1167 *Safar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1754. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·84.** **Śaka 1676.** **Kaliyuga 4855.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·75.** **(S. Cycle) Bhāva.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
21	Tues. 1	7 ·07	26 ·24	6	21	Fri. 1	7 ·48	3 ·11	6	22	Wed. 1	9 ·24	10 ·56	8
22	Wed 2	8 ·14	27 ·33	7	22	Sat. 2	8 ·47	4 ·12	7	23	Thur. 2	10 ·13	11 ·49	9
23	Thur. 3	9 ·18	1 ·39	8	23	Sun. 3	9 ·43	5 ·11	8	24	Fri. 3	11 ·03	12 ·42	10
24	Fri. 4	10 ·21	2 ·44	9	24	Mon. 4	10 ·37	6 ·10	9			12 ·93		
25	Sat. 5	11 ·22	3 ·47	10	25	Tues. 5	11 ·29	7 ·06	10	25	Sat. 4	13 ·83	13 ·36	11
26	Sun. 6	12 ·21	4 ·48	11	26	Wed. 6	12 ·21	8 ·01	11	26	Sun. 5	14 ·75	14 ·29	12
27	Mon. 7	13 ·17	5 ·46	12				9 ·95		27	Mon. 6	P ·66	15 ·25	13
28	Tues. 8	14 ·13	6 ·43	13	27	Thur. 7	13 ·12	10 ·88	12	28	Tues. 7	1 ·60	16 ·21	14
—29	Wed. 9	P ·05	7 ·39	14	28	Fri. 8	14 ·03	11 ·81	13	29	Wed. 8	2 ·56	17 ·18	15
		1 ·97					P ·93			30	Thur. 9	3 ·53	18 ·17	16
1	Thur. 10	2 ·89	8 ·34	15	—29	Sat. 9	1 ·84	12 ·75	14	—31	Fri. 10	4 ·52	19 ·18	17
2	Fri. 11	3 ·79	9 ·27	16	1	Sun. 10	2 ·74	13 ·68	15	1	Sat. 11	5 ·52	20 ·22	18
3	Sat. 12	4 ·69	10 ·20	17	2	Mon. 11	3 ·64	14 ·62	16	2	Sun. 12	6 ·57	21 ·27	19
4	Sun. 13	5 ·60	11 ·13	18	3	Tues. 12	4 ·57	15 ·57	17	3	Mon. 13	7 ·62	22 ·34	20
5	Mon. 14	6 ·51	12 ·06	19	4	Wed. 13	5 ·50	16 ·54	18	4	Tues. 14	8 ·70	23 ·43	21
6	Tues. 15	7 ·41	13 ·01	20	5	Thur. 14	6 ·47	17 ·53	19	5	Wed. 15	9 ·77	24 ·53	22
			14 ·95		6	Fri. 15	7 ·44	18 ·53	20	6	Thur. 16	10 ·86	25 ·64	23
7	Wed. 16	8 ·33	15 ·92	21	7	Sat. 16	8 ·43	19 ·55	21	7	Fri. 17	11 ·94	26 ·75	24
8	Thur. 17	9 ·28	16 ·88	22	8	Sun. 17	9 ·44	20 ·59	22	8	Sat. 18	... ...	27 ·85	25
9	Fri. 18	10 ·23	17 ·87	23	9	Mon. 18	10 ·48	21 ·65	23	9	Sun. 19	12 ·01	1 ·94	26
10	Sat. 19	11 ·21	18 ·88	24	10	Tues. 19	11 ·54	22 ·74	24	10	Mon. 20	13 ·07	... ...	27
11	Sun. 20	12 ·20	19 ·92	25	11	Wed. 20	12 ·62	23 ·83	25	11	Tues. 21	14 ·11	2 ·01	28
12	Mon. 21	13 ·22	20 ·97	26	12	Thur. 21	13 ·71	24 ·94	26	12	Wed. 22	—A ·12	3 ·05	29
13	Tues. 22	14 ·25	... ...	27	13	Fri. 22	14 ·79	... ...	27	13	Thur. 23	1 ·12	4 ·09	—30
14	Wed. 23	—A ·31	21 ·04	28	14	Sat. 23	—A ·88	25 ·04	28	14	Fri. 24	2 ·11	5 ·10	1
15	Thur. 24	1 ·39	22 ·13	29	15	Sun. 24	1 ·96	26 ·15	29	15	Sat. 25	3 ·07	6 ·09	2
16	Fri. 25	2 ·47	23 ·23	—30	16	Mon. 25	... ...	27 ·24	—30	16	Sun. 26	4 ·00	7 ·06	3
17	Sat. 26	3 ·56	24 ·34	1	17	Tues. 26	2 ·01	1 ·33	1			5 ·92		
18	Sun. 27	4 ·65	25 ·45	2	18	Wed. 27	3 ·05	2 ·39	2	17	Mon. 27	6 ·83	8 ·02	4
19	Mon. 28	5 ·73	26 ·55	3	19	Thur. 28	4 ·07	3 ·42	3				9 ·97	
20	Tues. 29	6 ·79	27 ·63	4	20	Fri. 29	5 ·07	4 ·44	4	18	Tues. 28	7 ·74	10 ·90	5
21	Wed. 30	7 ·83	1 ·70	5	21	Sat. 30	6 ·05	5 ·44	5	19	Wed. 29	8 ·64	11 ·83	6
22	Thur. 31	8 ·86	2 ·76	6						20	Thur. 30	9 ·54	12 ·76	7
					22	Sun. 31	7 ·01	6 ·43	6	21	Fri. 31	10 ·43	13 ·69	8
							8 ·95							
	Feb.					**April.**					**June.**			
23	Fri. 1	9 ·86	3 ·79	7	23	Mon. 1	9 ·88	7 ·39	7	22	Sat. 1	11 ·33	14 ·64	9
24	Sat. 2	10 ·85	4 ·80	8	24	Tues. 2	10 ·79	8 ·34	8	23	Sun. 2	12 ·24	15 ·58	10
25	Sun. 3	11 ·81	5 ·79	9	25	Wed. 3	11 ·70	9 ·28	9	24	Mon. 3	13 ·17	16 ·54	11
26	Mon. 4	12 ·76	6 ·76	10	26	Thur. 4	12 ·59	10 ·22	10	25	Tues. 4	14 ·11	17 ·51	12
27	Tues. 5	13 ·68	7 ·73	11	27	Fri. 5	13 ·49	11 ·15	11	26	Wed. 5	P ·05	18 ·49	13
28	Wed. 6	14 ·61	8 ·67	12	28	Sat. 6	14 ·40	12 ·09	12	27	Thur. 6	1 ·08	19 ·50	14
29	Thur. 7	P ·51	9 ·61	13			P ·30	13 ·02		28	Fri. 7	2 ·01	20 ·54	15
—30	Fri. 8	1 ·42	10 ·54	14	29	Sun.○ 7		14 ·96	13	29	Sat. 8	3 ·03	21 ·58	16
1	Sat 9	2 ·32	11 ·47	15	30	Mon. 8	1 ·22	15 ·90	14	30	Sun. 9	4 ·05	22 ·65	17
2	Sun. 10	3 ·22	12 ·40	16	—31	Tues. 9	2 ·14	16 ·88	15	—31	Mon. 10	5 ·10	23 ·73	18
3	Mon. 11	4 ·13	13 ·34	17	1	Wed. 10	3 ·06	17 ·85	16	1	Tues. 11	6 ·17	24 ·83	19
4	Tues. 12	5 ·03	14 ·29	18	2	Thur. 11	4 ·03	18 ·85	17	2	Wed. 12	7 ·25	25 ·95	20
		6 ·97			3	Fri. 12	5 ·00	19 ·86	18	3	Thur. 13	8 ·34	... ...	21
5	Wed. 13	7 ·91	15 ·24	19			6 ·99			4	Fri. 14	9 ·42	26 ·05	22
6	Thur. 14	8 ·86	16 ·21	20	4	Sat. 13	... ...	20 ·90	19	5	Sat. 15	10 ·49	27 ·15	23
7	Fri. 15	9 ·84	17 ·19	21	5	Sun. 14	7 ·00	21 ·97	20	6	Sun. 16	11 ·55	1 ·24	24
8	Sat. 16	10 ·83	18 ·21	22	6	Mon. 15	8 ·05	... ...	21	7	Mon. 17	12 ·58	2 ·31	25
9	Sun. 17	11 ·85	19 ·23	23	7	Tues. 16	9 ·10	22 ·04	22	8	Tues. 18	13 ·61	3 ·38	26
10	Mon. 18	12 ·89	20 ·28	24	8	Wed. 17	10 ·18	23 ·13	23	9	Wed. 19	14 ·60	4 ·41	27
11	Tues. 19	13 ·95	21 ·34	25	9	Thur. 18	11 ·26	24 ·23	24	10	Thur. 20	—A ·59	5 ·42	28
12	Wed. 20	... ...	22 ·43	26	10	Fri. 19	12 ·34	25 ·34	25	11	Fri. 21	1 ·55	6 ·41	—29
13	Thur. 21	14 ·02	23 ·53	27	11	Sat. 20	13 ·43	26 ·45	26	12	Sat. 22	2 ·49	7 ·39	1
14	Fri. 23	—A ·10	24 ·64	28	12	Sun. 21	14 ·50	27 ·55	27	13	Sun. 23	3 ·41	8 ·36	2
15	Sat. 23	1 ·18	25 ·74	—29	13	Mon. 22	—A ·56	1 ·63	28	14	Mon. 24	4 ·33	9 ·30	3
16	Sun. 24	2 ·27	26 ·85	1	14	Tues. 23	1 ·59	2 ·70	—29	15	Tues. 25	5 ·24	10 ·24	4
17	Mon. 25	3 ·35	27 ·94	2	15	Wed. 24	2 ·61	3 ·74	1	16	Wed. 26	6 ·18	11 ·17	5
18	Tues. 26	4 ·41	... ...	3	16	Thur. 25	3 ·61	4 ·76	2	17	Thur. 27	7 ·08	12 ·10	6
19	Wed. 27	5 ·48	1 ·02	4	17	Fri. 26	4 ·59	5 ·77	3			8 ·92		
20	Thur. 28	6 ·47	2 ·07	5	18	Sat. 27	5 ·56	6 ·76	4	18	Fri. 28	9 ·82	13 ·04	7
					19	Sun. 28	6 ·49	7 ·73	5				14 ·97	
					20	Mon. 29	7 ·42	8 ·68	6	19	Sat. 29	10 ·73	15 ·92	8
					21	Tues. 30	8 ·33	9 ·62	7	20	Sun. 30	11 ·66	16 ·87	9

Śrīmukha. **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.* *H.* 1167 *Rabī-ul awwal.*

Śrīmukha. **Kumbha—Māsi.** *Sukla.* **Māgha.** *Bahula.* *H.* 1167 *Rabī-ul ākhir.*

Śrīmukha. **Mīna—Phālguna.** *Sukla.* **Phālguna.** *Bahula.* *H.* 1167 *Jamāda'l awwal.*

Bhāva. **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.* *H.* 1167 *Jamāda'l ākhir.*

Bhāva. **Vrishabha—Vaigāsi.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 1167 *Rajab.*

Bhāva. **Mithuna—Āni.** *Sukla.* **Jyeshtha.** *Bahula.* *H.* 1167 *Sha'bān.*

Sukla. **Āsh.** *H.* 1167 *Ramazān.*

Naksh:—1. Aśvin. 2. Bhar 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1754. **Kollam 930,** { **N. Malabar—Sep.** **S. Malabar—Aug.** **Hijra 1168.** **Vikrama 1811.**
A—Amāvāsyā. Commences Commences **Oct. 18.** **Bengal San. 1160.**
P—Paurnimā. **(N. Cycle) Tāraṇa.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Bhāva. **Mithuna—Ani.** 21	Mon. 1	**Āshādha.** 12 ·59	17 ·83	10
22	Tues. 2	13 ·53	18 ·82	11
23	Wed. 3	14 ·51	19 ·83	12
24	Thur. 4	**P** ·49	20 ·85	13
25	Fri. 5	1 ·50	21 ·89	14
26	Sat. 6	2 ·53	22 ·95	15
27	Sun. 7	3 ·59	... ...	16
28	Mon. 8	4 ·65	23 ·03	17
29	Tues. 9	5 ·73	24 ·14	18
30	Wed. 10	6 ·82	25 ·24	19
31	Thur. 11	7 ·89	26 ·35	20
—32	Fri. 12	8 ·97	27 ·45	21
1	Sat. 13	... ...	1 ·54	22
2	Sun. 14	9 ·03	2 ·63	23
3	Mon. 15	10 ·08	3 ·69	24
4	Tues. 16	11 ·09	4 ·73	25
5	Wed. 17	12 ·09	5 ·74	26
6	Thur. 18	13 ·07	6 ·74	27
7	Fri. 19	14 ·02 **A** ·97	7 ·73	28
8	Sat. 20	1 ·89	8 ·69	29
9	Sun. 21	2 ·81	9 ·64	—30
10	Mon. 22	3 ·72	10 ·58	1
11	Tues. 23	4 ·62	11 ·51	2
12	Wed. 24	5 ·52	12 ·44	3
13	Thur. 25	6 ·41	13 ·38	4
14	Fri. 26	7 ·31	14 ·31	5
15	Sat. 27	8 ·22	15 ·25	6
16	Sun. 28	9 ·14	16 ·20	7
17	Mon. 29	10 ·07	17 ·16	8
18	Tues. 30	11 ·02 12 ·99	18 ·15	9
19	Wed. 31	13 ·96	19 ·15	10
	Aug.			
20	Thur. 1	14 ·98	20 ·16	11
21	Fri. 2	... ...	21 ·20	12
22	Sat. 3	**P** ·00	22 ·26	13
23	Sun. 4	1 ·06	23 ·35	14
24	Mon. 5	2 ·12	24 ·44	15
25	Tues. 6	3 ·21	25 ·54	16
26	Wed. 7	4 ·29	26 ·65	17
27	Thur. 8	5 ·38	27 ·76	18
28	Fri. 9	6 ·44	1 ·86	19
29	Sat. 10	7 ·50	2 ·94	20
30	Sun. 11	8 ·55	... ...	21
—31	Mon. 12	9 ·57	3 ·00	22
1	Tues. 13	10 ·58	4 ·05	23
2	Wed. 14	11 ·55	5 ·06	24
3	Thur. 15	12 ·52	6 ·07	25
4	Fri. 16	13 ·47	7 ·05	26
5	Sat. 17	14 ·39	8 ·02 9 ·97	27
6	Sun. 18	**A** ·30	10 ·91	28
7	Mon. 19	1 ·20	11 ·85	—29
8	Tues. 20	2 ·11	12 ·79	1
9	Wed. 21	3 ·01 4 ·92	13 ·72	2
10	Thur. 22	5 ·81	14 ·65	3
11	Fri. 23	6 ·72	15 ·59	4
12	Sat. 24	7 ·64	16 ·53	5
13	Sun. 25	8 ·57	17 ·50	6
14	Mon. 26	9 ·52	18 ·48	7
15	Tues. 27	10 ·49	19 ·47	8
16	Wed. 28	11 ·48	20 ·48	9
17	Thur. 29	12 ·48	21 ·51	10
18	Fri. 30	13 ·51	22 ·58	11
19	Sat. 31	14 ·56	23 ·65	12

Bahula. *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.*

H. 1167 *Ramazān.* *H.* 1167 *Shawwāl.* *H.* 1167 *Zī-l-ka'da.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
Bhāva. **Simha—Āvani.** 20	Sun. 1	**P** ·62	24 ·74	13
21	Mon. 2	1 ·71	25 ·84	14
22	Tues. 3	2 ·79	26 ·94	15
23	Wed. 4	3 ·88	... ...	16
24	Thur. 5	4 ·96	27 ·06	17
25	Fri. 6	... ...	1 ·16	18
26	Sat. 7	5 ·03	2 ·24	19
27	Sun. 8	6 ·06	3 ·31	20
28	Mon. 9	7 ·07	4 ·36	21
29	Tues. 10	8 ·09	5 ·38	22
30	Wed. 11	9 ·07	6 ·40	23
—31	Thur. 12	10 ·05 11 ·99	7 ·38	24
1	Fri. 13	12 ·92	8 ·35	25
2	Sat. 14	13 ·83	9 ·31	26
3	Sun. 15	14 ·74	10 ·25	27
4	Mon. 16	**A** ·64	11 ·19	28
5	Tues. 17	1 ·54	12 ·13	29
6	Wed. 18	2 ·45	13 ·06 14 ·99	—30
Purattāsi. 7	Thur. 19	3 ·34	15 ·92	1
8	Fri. 20	4 ·25	16 ·87	2
9	Sat. 21	5 ·17	17 ·83	3
10	Sun. 22	6 ·11	18 ·80	4
11	Mon. 23	7 ·05	19 ·79	5
12	Tues. 24	8 ·02	20 ·80	6
13	Wed. 25	9 ·01	21 ·84	7
14	Thur. 26	10 ·03	22 ·89	8
15	Fri. 27	11 ·06	23 ·95	9
16	Sat. 28	12 ·10	... ...	10
17	Sun. 29	13 ·17	24 ·04	11
18	Mon. 30	14 ·25	25 ·14	12
	Oct.			
19	Tues. ○ 1	**P** ·33	26 ·25	13
20	Wed. 2	1 ·42	27 ·36	14
21	Thur. 3	2 ·50	1 ·46	15
22	Fri. 4	3 ·57	2 ·55	16
23	Sat. 5	4 ·61	3 ·62	17
24	Sun. 6	5 ·63	4 ·67	18
25	Mon. 7	6 ·64	5 ·71	19
26	Tues. 8	7 ·63	6 ·72	20
27	Wed. 9	8 ·60	7 ·71	21
28	Thur. 10	9 ·54	8 ·68	22
29	Fri. 11	10 ·47	9 ·64	23
30	Sat. 12	11 ·39	10 ·60	24
—31	Sun. 13	12 ·30	11 ·53	25
1	Mon. 14	13 ·20	12 ·47	26
2	Tues. 15	14 ·11	13 ·39	27
3	Wed. 16	**A** ·01 1 ·90	14 ·32	28
4	Thur. 17	2 ·82	15 ·27	—29
Tulā—Aippasi. 5	Fri. 18	3 ·74	16 ·21	1
6	Sat. 19	4 ·68	17 ·16	2
7	Sun. 20	5 ·63	18 ·13	3
8	Mon. 21	6 ·61	19 ·12	4
9	Tues. 22	7 ·60	20 ·13	5
10	Wed. 23	8 ·61	21 ·15	6
11	Thur. 24	9 ·64	22 ·19	7
12	Fri. 25	10 ·69	23 ·26	8
13	Sat. 26	11 ·75	24 ·34	9
14	Sun. 27	12 ·83	25 ·44	10
15	Mon. 28	13 ·92	26 ·55	11
16	Tues. 29	... ...	27 ·66	12
17	Wed. 30	14 ·00	1 ·76	13
18	Thur. 31	**P** ·09	2 ·85	14

Śukla. *Bahula.* *Śukla.* *Bahula.* *Śukla.* *Bahula.*

H. 1167 *Zī-l-ka'da.* *H.* 1167 *Zī-l-hijja.* *H.* 1168 *Muharram.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
Bhāva. **Tulā—Aippaśi.** 19	Fri. 1	1 ·16	3 ·93	15
20	Sat. 2	2 ·20	4 ·99	16
21	Sun. 3	3 ·24	... ...	17
22	Mon. 4	4 ·23	5 ·03	18
23	Tues. 5	5 ·22	6 ·04	19
24	Wed. 6	6 ·19	7 ·04	20
25	Thur. 7	7 ·14	8 ·01 9 ·98	21
26	Fri. 8	8 ·07 9 ·98	10 ·93	22
27	Sat. 9	10 ·89	11 ·87	23
28	Sun. 10	11 ·80	12 ·80	24
29	Mon. 11	12 ·70	13 ·73	25
—30	Tues. 12	13 ·61	14 ·67	26
1	Wed. 13	14 ·51	15 ·61	27
2	Thur. 14	—**A** ·42	16 ·55	28
3	Fri. 15	1 ·35	17 ·50	29
4	Sat. 16	2 ·29	18 ·46	—30
5	Sun. 17	3 ·23	19 ·45	1
6	Mon. 18	4 ·21	20 ·45	2
Kārttigai. 7	Tues. 19	5 ·21	21 ·47	3
8	Wed. 20	6 ·22	22 ·51	4
9	Thur. 21	7 ·25	23 ·56	5
10	Fri. 22	8 ·31	24 ·64	6
11	Sat. 23	9 ·38	25 ·75	7
12	Sun. 24	10 ·46	26 ·86	8
13	Mon. 25	11 ·55	27 ·96	9
14	Tues. 26	12 ·64	... ...	10
15	Wed. 27	13 ·72	1 ·05	11
16	Thur. 28	14 ·78	2 ·15	12
17	Fri. 29	**P** ·84	3 ·24	13
18	Sat. 30	1 ·86	4 ·30	14
	Dec.			
19	Sun. 1	2 ·86	5 ·34	15
20	Mon. 2	3 ·85	6 ·36	16
21	Tues. 3	4 ·80	7 ·36	17
22	Wed. 4	5 ·75	8 ·35	18
23	Thur. 5	6 ·69	9 ·32	19
24	Fri. 6	7 ·61	10 ·27	20
25	Sat. 7	8 ·52	11 ·21	21
26	Sun. 8	9 ·43	12 ·14	22
27	Mon. 9	10 ·33	13 ·08	23
28	Tues. 10	11 ·23	14 ·01 15 ·94	24
—29	Wed. 11	12 ·13	16 ·88	25
1	Thur. 12	13 ·05 14 ·98	17 ·83	26
2	Fri. 13	—**A** ·91	18 ·79	27
3	Sat. 14	1 ·88	19 ·78	28
4	Sun. 15	2 ·85	20 ·77	—29
Dhanus—Mārgaḷi. 5	Mon. 16	3 ·84	21 ·78	1
6	Tues. 17	4 ·87	22 ·82	2
7	Wed. 18	5 ·90	23 ·87	3
8	Thur. 19	6 ·96	24 ·96	4
9	Fri. 20	... ...	... ...	5
10	Sat. 21	7 ·03	25 ·05	6
11	Sun. 22	8 ·12	26 ·15	7
12	Mon. 23	9 ·20	27 ·25	8
13	Tues. 24	10 ·29	1 ·36	9
14	Wed. 25	11 ·37	2 ·46	10
15	Thur. 26	12 ·48	3 ·55	11
16	Fri. 27	13 ·48	4 ·61	12
17	Sat. 28	14 ·51	5 ·66	13
18	Sun. 29	**P** ·51	6 ·68	14
19	Mon. 30	1 ·49	7 ·70	15
20	Tues. 31	2 ·45	8 ·68	16

Bahula. *Śukla.* *Bahula.* *Śukla.* *Bahula.* *Śukla.*

H. 1168 *Muharram.* *H.* 1168 *Ṣafar.* *H.* 1168 *Rabi-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab

A.D. 1755. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·11.** **Śaka 1677.** **Kaliyuga 4856.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·02.** **(S. Cycle) Yuva.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
21	Wed. 1	3 ·40	9 ·65	17
22	Thur. 2	4 ·33	10 ·60	18
23	Fri. 3	5 ·25	11 ·55	19
24	Sat. 4	6 ·15	12 ·48	20
25	Sun. 5	7 ·06 8 ·96	13 ·42	21
26	Mon. 6	9 ·87	14 ·35	22
27	Tues. 7	10 ·78	15 ·28	23
28	Wed. 8	11 ·69	16 ·22	24
29	Thur. 9	12 ·62	17 ·17	25
1	Fri. 10	13 ·56	18 ·13	26
2	Sat. 11	14 ·52	19 ·10	27
3	Sun. 12	A ·49	20 ·09	28
4	Mon. 13	1 ·50	21 ·10	29
5	Tues. 14	2 ·51	22 ·13	30
6	Wed. 15	3 ·54	23 ·19	1
7	Thur. 16	4 ·60	24 ·26	2
8	Fri. 17	5 ·68	25 ·35	3
9	Sat. 18	6 ·77	26 ·45	4
10	Sun. 19	7 ·86	27 ·55	5
11	Mon. 20	8 ·95	1 ·66	6
12	Tues. 21	... ...	2 ·76	7
13	Wed. 22	9 ·02	3 ·85	8
14	Thur. 23	10 ·08	4 ·92	9
15	Fri. 24	11 ·12	5 ·97	10
16	Sat. 25	12 ·15	... ...	11
17	Sun. 26	13 ·15	6 ·01	12
18	Mon. 27	14 ·13	7 ·02	13
19	Tues. 28	P ·10	8 ·01 9 ·98	14
20	Wed. 29	1 ·04 2 ·97	10 ·94	15
21	Thur. 30	3 ·88	11 ·88	16
22	Fri. 31	4 ·79	12 ·83	17
	Feb.			
23	Sat. 1	5 ·70	13 ·76	18
24	Sun. 2	6 ·59	14 ·69	19
25	Mon. 3	7 ·50	15 ·62	20
26	Tues. 4	8 ·41	16 ·55	21
27	Wed. 5	9 ·33	17 ·51	22
28	Thur. 6	10 ·25	18 ·46	23
29	Fri. 7	11 ·20	19 ·43	24
30	Sat. 8	12 ·16	20 ·41	25
1	Sun. 9	13 ·13	21 ·42	26
2	Mon. 10	14 ·13	22 ·45	27
3	Tues. 11	A ·14	23 ·50	28
4	Wed. 12	1 ·19	24 ·56	29
5	Thur. 13	2 ·25	25 ·65	1
6	Fri. 14	3 ·32	26 ·75	2
7	Sat. 15	4 ·40	27 ·86	3
8	Sun. 16	5 ·48	1 ·97	4
9	Mon. 17	6 ·57	... ...	5
10	Tues. 18	7 ·65	2 ·07	6
11	Wed. 19	8 ·72	3 ·16	7
12	Thur. 20	9 ·76	4 ·23	8
13	Fri. 21	10 ·78	5 ·28	9
14	Sat. 22	11 ·77	6 ·33	10
15	Sun. 23	12 ·76	7 ·34	11
16	Mon. 24	13 ·71	8 ·33	12
17	Tues. 25	14 ·65	9 ·31	13
18	Wed. 26	P ·58	10 ·27	14
19	Thur. 27	1 ·50	11 ·23	15
20	Fri. 28	2 ·41	12 ·17	16
	March.			
21	Sat. 1	3 ·32	13 ·10	17
22	Sun. 2	4 ·22	14 ·03 15 ·96	18
23	Mon. 3	5 ·12	16 ·90	19
24	Tues. 4	6 ·02 7 ·94	17 ·84	20
25	Wed. 5	8 ·86	18 ·79	21
26	Thur. 6	9 ·80	19 ·76	22
27	Fri. 7	10 ·76	20 ·74	23
28	Sat. 8	11 ·75	21 ·75	24
29	Sun. 9	12 ·74	22 ·77	25
30	Mon. 10	13 ·76	23 ·81	26
1	Tues. 11	14 ·80	24 ·87	27
2	Wed. 12	A ·85	25 ·95	28
3	Thur. 13	1 ·93	... ...	29
4	Fri. 14	... ...	26 ·05	30
5	Sat. 15	2 ·01	27 ·16	1
6	Sun. 16	3 ·10	1 ·27	2
7	Mon. 17	4 ·18	2 ·37	3
8	Tues. 18	5 ·24	3 ·46	4
9	Wed. 19	6 ·31	4 ·54	5
10	Thur. 20	7 ·35	5 ·61	6
11	Fri. 21	8 ·38	6 ·64	7
12	Sat. 22	9 ·37	7 ·66	8
13	Sun. 23	10 ·36	8 ·66	9
14	Mon. 24	11 ·31	9 ·64	10
15	Tues. 25	12 ·25	10 ·61	11
16	Wed. 26	13 ·18	11 ·56	12
17	Thur. ○ 27	14 ·09	12 ·50	13
18	Fri. 28	P ·00 1 ·89	13 ·44	14
19	Sat. 29	2 ·79	14 ·36	15
20	Sun. 30	3 ·70	15 ·30	16
21	Mon. 31	4 ·61	16 ·24	17
	April.			
22	Tues. 1	5 ·52	17 ·18	18
23	Wed. 2	6 ·43	18 ·12	19
24	Thur. 3	7 ·38	19 ·09	20
25	Fri. 4	8 ·34	20 ·07	21
26	Sat. 5	9 ·32	21 ·07	22
27	Sun. 6	10 ·31	22 ·08	23
28	Mon. 7	11 ·34	23 ·12	24
29	Tues. 8	12 ·37	24 ·18	25
30	Wed. 9	13 ·42	25 ·25	26
1	Thur. 10	14 ·50	26 ·35	27
2	Fri. 11	A ·57	27 ·45	28
3	Sat. 12	1 ·66	1 ·56	29
4	Sun. 13	2 ·74	2 ·67	1
5	Mon. 14	3 ·81	3 ·76	2
6	Tues. 15	4 ·87	4 ·85	3
7	Wed. 16	5 ·92	5 ·92	4
8	Thur. 17	6 ·93	6 ·96	5
9	Fri. 18	7 ·92	7 ·98	6
10	Sat. 19	8 ·90	8 ·98	7
11	Sun. 20	9 ·86	9 ·98	8
12	Mon. 21	10 ·80	10 ·94	9
13	Tues. 22	11 ·72	11 ·90	10
14	Wed. 23	12 ·64	12 ·84	11
15	Thur. 24	13 ·54	13 ·77	12
16	Fri. 25	14 ·44	14 ·70	13
17	Sat. 26	P ·34	15 ·63	14
18	Sun. 27	1 ·24	16 ·57	15
19	Mon. 28	2 ·15	17 ·51	16
20	Tues. 29	3 ·06 4 ·97	18 ·46	17
21	Wed. 30	5 ·91	19 ·43	18
	May.			
22	Thur. 1	6 ·87	20 ·40	19
23	Fri. 2	7 ·85	21 ·39	20
24	Sat. 3	8 ·84	22 ·40	21
25	Sun. 4	9 ·87	23 ·43	22
26	Mon. 5	10 ·90	24 ·48	23
27	Tues. 6	11 ·95	25 ·56	24
28	Wed. 7	... ...	26 ·65	25
29	Thur. 8	12 ·02	27 ·75	26
30	Fri. 9	13 ·10	1 ·86	27
31	Sat. 10	14 ·18	2 ·96	28
1	Sun. 11	A ·26	... ...	29
2	Mon. 12	1 ·84	3 ·07	30
3	Tues 13	2 ·39	4 ·15	1
4	Wed. 14	3 ·44	5 ·23	2
5	Thur. 15	4 ·45	6 ·27	3
6	Fri. 16	5 ·45	7 ·30	4
7	Sat. 17	6 ·42	8 ·32	5
8	Sun. 18	7 ·37	9 ·31	6
9	Mon. 19	8 ·31	10 ·28	7
10	Tues. 20	9 ·23	11 ·23	8
11	Wed. 21	10 ·15	12 ·18	9
12	Thur. 22	11 ·05 12 ·96	13 ·11	10
13	Fri. 23	13 ·85	14 ·05 15 ·98	11
14	Sat. 24	14 ·76	16 ·91	12
15	Sun. 25	P ·65	17 ·85	13
16	Mon. 26	1 ·55	18 ·79	14
17	Tues. 27	2 ·48	19 ·76	15
18	Wed. 28	3 ·43	20 ·73	16
19	Thur. 29	4 ·38	21 ·71	17
20	Fri. 30	5 ·35	22 ·72	18
21	Sat. 31	6 ·35	23 ·74	19
	June.			
22	Sun. 1	7 ·35	24 ·80	20
23	Mon. 2	8 ·38	25 ·87	21
24	Tues. 3	9 ·45	26 ·95	22
25	Wed. 4	10 ·52	... ...	23
26	Thur. 5	11 ·60	27 ·05	24
27	Fri. 6	12 ·68	1 ·16	25
28	Sat. 7	13 ·77	2 ·27	26
29	Sun. 8	14 ·84	3 ·37	27
30	Mon. 0	A ·88	4 ·46	28
31	Tues. 10	1 ·92	5 ·53	29
1	Wed. 11	2 ·94	6 ·59	1
2	Thur. 12	3 ·93	7 ·63	2
3	Fri. 13	4 ·91	8 ·64	3
4	Sat. 14	5 ·87	9 ·63	4
5	Sun. 15	6 ·80	10 ·61	5
6	Mon. 16	7 ·73	11 ·57	6
7	Tues. 17	8 ·65	12 ·51	7
8	Wed. 18	9 ·55	13 ·46	8
9	Thur. 19	10 ·44	14 ·39	9
10	Fri. 20	11 ·34	15 ·32	10
11	Sat. 21	12 ·25	16 ·25	11
12	Sun. 22	13 ·14	17 ·18	12
13	Mon. 23	14 ·05 P ·97	18 ·14	13
14	Tues. 24	1 ·99	19 ·09	14
15	Wed. 25	2 ·86	20 ·05	15
16	Thur. 26	3 ·88	21 ·04	16
17	Fri. 27	4 ·82	23 ·04	17
18	Sat. 28	5 ·88	23 ·07	18
19	Sun. 29	6 ·87	24 ·11	19
20	Mon. 30	7 ·92	25 ·17	20

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1755. **Kollam 931,** { **N. Malabar—Sep.** **Hijra 1169.** **Vikrama 1812.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 7.** **Bengal San. 1161.**
P—Paurnimā. **(N. Cycle) Pārthiva.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Tues.	1	8 ·98	26 ·25	21	20	Mon.	1	10 ·37	6 ·53	24	19	Sat.	1	12 ·35	12 ·19	26
22	Wed.	2	... ...	27 ·35	22	21	Tues.	2	11 ·41	7 ·58	25	20	Sun.	2	13 ·27	13 ·14	27
23	Thur.	3	9 ·06	1 ·46	23	22	Wed.	3	12 ·40	8 ·60	26	21	Mon.	3	14 ·18	14 ·09	28
24	Fri.	4	10 ·15	2 ·57	24	23	Thur.	4	13 ·39	9 ·61	27	22	Tues.	4	A ·08	15 ·02	29
25	Sat.	5	11 ·23	3 ·67	25	24	Fri.	5	14 ·35	10 ·60	28				1 ·99	16 ·95	
26	Sun.	6	12 ·30	4 ·77	26	25	Sat. ●	6	—A ·30	11 ·57	29	23	Wed.	5	2 ·89	17 ·88	—30
27	Mon.	7	13 ·36	5 ·84	27	26	Sun.	7	1 ·22	12 ·53	—30	24	Thur.	6	3 ·79	18 ·82	1
28	Tues.	8	14 ·40	6 ·90	28	27	Mon.	8	2 ·13	13 ·47	1	25	Fri.	7	4 ·71	19 ·77	2
29	Wed.	9	—A ·42	7 ·95	29	28	Tues.	9	3 ·04	14 ·41	2	26	Sat.	8	5 ·63	20 ·72	3
30	Thur.	10	1 ·41	8 ·96	—30				4 ·93			27	Sun.	9	6 ·57	21 ·68	4
31	Fri.	11	2 ·39	9 ·96	1	29	Wed.	10	5 ·84	15 ·35	3	28	Mon.	10	7 ·53	22 ·66	5
—32	Sat.	12	3 ·34	10 ·94	2	30	Thur.	11	6 ·73	16 ·28	4	29	Tues.	11	8 ·50	23 ·66	6
1	Sun.	13	4 ·28	11 ·90	3	—31	Fri.	12	7 ·64	17 ·21	5	—30	Wed.	12	9 ·50	24 ·69	7
2	Mon.	14	5 ·21	12 ·86	4	1	Sat.	13	8 ·55	18 ·14	6	1	Thur.	13	10 ·50	25 ·73	8
3	Tues.	15	6 ·13	13 ·80	5	2	Sun.	14	9 ·48	19 ·09	7	2	Fri.	14	11 ·54	26 ·78	9
4	Wed.	16	7 ·03	14 ·73	6	3	Mon.	15	10 ·40	20 ·05	8	3	Sat.	15	12 ·60	27 ·86	10
			8 ·92			4	Tues.	16	11 ·36	21 ·02	9	4	Sun.	16	13 ·67	1 ·96	11
5	Thur.	17	9 ·82	15 ·66	7	5	Wed.	17	12 ·34	22 ·01	10	5	Mon.	17	14 ·76	... ...	12
6	Fri.	18	10 ·71	16 ·59	8	6	Thur.	18	13 ·33	23 ·02	11	6	Tues.	18	P ·84	2 ·07	13
7	Sat.	19	11 ·62	17 ·53	9	7	Fri.	19	14 ·33	24 ·05	12	7	Wed.	19	1 ·94	3 ·18	14
8	Sun.	20	12 ·53	18 ·47	10	8	Sat. ○	20	P ·36	25 ·10	13	8	Thur.	20	... ...	4 ·28	15
9	Mon.	21	13 ·45	19 ·42	11	9	Sun.	21	1 ·42	26 ·17	14	9	Fri.	21	2 ·01	5 ·37	16
10	Tues.	22	14 ·39	20 ·38	12	10	Mon.	22	2 ·48	27 ·26	15	10	Sat.	22	3 ·07	6 ·45	17
11	Wed.	23	P ·34	21 ·36	13	11	Tues.	23	3 ·56	1 ·36	16	11	Sun.	23	4 ·11	7 ·52	18
12	Thur.	24	1 ·32	22 ·37	14	12	Wed.	24	4 ·65	2 ·46	17	12	Mon.	24	5 ·15	8 ·56	19
13	Fri.	25	2 ·30	23 ·38	15	13	Thur.	25	5 ·73	3 ·57	18	13	Tues.	25	6 ·15	9 ·58	20
14	Sat.	26	3 ·31	24 ·42	16	14	Fri.	26	6 ·81	4 ·68	19	14	Wed.	26	7 ·13	10 ·58	21
15	Sun.	27	4 ·34	25 ·48	17	15	Sat.	27	7 ·87	5 ·77	20	15	Thur.	27	8 ·09	11 ·56	22
16	Mon.	28	5 ·39	26 ·56	18	16	Sun.	28	8 ·92	6 ·84	21	16	Fri.	28	9 ·04	12 ·53	23
17	Tues.	29	6 ·46	27 ·66	19	17	Mon.	29	9 ·94	7 ·89	22				10 ·98		
18	Wed.	30	7 ·54	1 ·76	20	18	Tues.	30	10 ·95	8 ·92	23	17	Sat.	29	11 ·89	13 ·49	24
19	Thur.	31	8 ·63	2 ·87	21							18	Sun.	30	12 ·80	14 ·43	25
	Aug.						**Oct.**						**Dec.**				
20	Fri.	1	9 ·70	3 ·97	22	19	Wed.	1	11 ·93	9 ·94	24	19	Mon.	1	13 ·71	15 ·36	26
21	Sat.	2	10 ·77	... ...	23	20	Thur.	2	12 ·89	10 ·93	25	20	Tues.	2	14 ·61	16 ·29	27
22	Sun.	3	11 ·83	4 ·07	24	21	Fri.	3	13 ·84	11 ·90	26	21	Wed.	3	—A ·51	17 ·22	28
23	Mon.	4	12 ·87	5 ·15	25	22	Sat.	4	14 ·76	12 ·86	27	22	Thur.	4	1 ·41	18 ·17	—29
24	Tues.	5	13 ·90	6 ·22	26	23	Sun.	5	—A ·68	13 ·81	28	23	Fri.	5	2 ·33	19 ·10	1
25	Wed.	6	14 ·89	7 ·26	27	24	Mon.	6	1 ·59	14 ·75	—29	24	Sat.	6	3 ·25	20 ·05	2
26	Thur.	7	—A ·88	8 ·28	28	25	Tues.	7	2 ·50	15 ·68	1					21 ·01	
27	Fri.	8	1 ·83	9 ·28	—29	26	Wed.	8	3 ·40	16 ·61	2	25	Sun.	7	4 ·20	22 ·98	3
28	Sat.	9	2 ·77	10 ·26	1	27	Thur.	9	4 ·29	17 ·54	3	26	Mon.	8	5 ·16	23 ·99	4
29	Sun.	10	3 ·70	11 ·24	2	28	Fri.	10	5 ·20	18 ·48	4	27	Tues.	9	6 ·13	... ...	5
30	Mon.	11	4 ·62	12 ·19	3	29	Sat.	11	6 ·11	19 ·42	5	28	Wed.	10	7 ·13	24 ·00	6
—31	Tues.	12	5 ·53	13 ·13	4	30	Sun.	12	7 ·04	20 ·38	6	—29	Thur.	11	8 ·14	25 ·04	7
1	Wed.	13	6 ·42	14 ·07	5				8 ·98			1	Fri.	12	9 ·19	26 ·09	8
2	Thur.	14	7 ·32	15 ·00	6	—31	Mon.	13	9 ·93	21 ·35	7	2	Sat.	13	10 ·24	27 ·17	9
				16 ·94		1	Tues.	14	10 ·90	22 ·34	8	3	Sun.	14	11 ·32	1 ·27	10
3	Fri.	15	8 ·21	17 ·87	7	2	Wed.	15	11 ·90	23 ·34	9	4	Mon.	15	12 ·41	2 ·37	11
4	Sat.	16	9 ·12	18 ·81	8	3	Thur.	16	12 ·90	24 ·36	10	5	Tues.	16	13 ·49	3 ·47	12
5	Sun.	17	10 ·03	19 ·75	9	4	Fri.	17	13 ·93	25 ·41	11	6	Wed.	17	14 ·58	4 ·58	13
			11 ·95			5	Sat.	18	14 ·99	26 ·48	12	7	Thur.	18	P ·66	5 ·68	14
6	Mon.	18	12 ·89	20 ·71	10	6	Sun.	19	... ..	27 ·56	13	8	Fri.	19	1 ·73	6 ·76	15
7	Tues.	19	13 ·83	21 ·70	11	7	Mon.	20	P ·05	1 ·66	14	9	Sat.	20	2 ·76	7 ·83	16
8	Wed.	20	14 ·81	22 ·69	12	8	Tues.	21	1 ·14	2 ·76	15	10	Sun.	21	3 ·79	8 ·88	17
9	Thur.	21	P ·80	23 ·70	13	9	Wed.	22	2 ·23	3 ·88	16	11	Mon.	22	4 ·79	9 ·90	18
10	Fri.	22	1 ·81	24 ·73	14	10	Thur.	23	3 ·32	4 ·98	17	12	Tues.	23	5 ·78	10 ·91	19
11	Sat.	23	2 ·83	25 ·79	15	11	Fri.	24	4 ·40	... ...	18	13	Wed.	24	6 ·73	11 ·89	20
12	Sun.	24	3 ·88	26 ·86	16	12	Sat.	25	5 ·45	5 ·07	19	14	Thur.	25	7 ·68	12 ·87	21
13	Mon.	25	4 ·96	27 ·96	17	13	Sun.	26	6 ·50	6 ·15	20	15	Fri.	26	8 ·61	13 ·82	22
14	Tues.	26	... ...	... ...	18	14	Mon.	27	7 ·53	7 ·20	21	16	Sat.	27	9 ·52	14 ·76	23
15	Wed.	27	5 ·04	1 ·06	19	15	Tues.	28	8 ·53	8 ·25	22	17	Sun.	28	10 ·44	15 ·70	24
16	Thur.	28	6 ·12	2 ·17	20	16	Wed.	29	9 ·51	9 ·26	23	18	Mon.	29	11 ·34	16 ·63	25
17	Fri.	29	7 ·21	3 ·27	21	17	Thur.	30	10 ·48	10 ·26	24	19	Tues.	30	12 ·25	17 ·56	26
18	Sat.	30	8 ·28	4 ·37	22	18	Fri.	31	11 ·43	11 ·23	25	20	Wed.	31	13 ·15	18 ·50	27
19	Sun.	31	9 ·34	5 ·46	23												

Yuva. **Karkataka—Ādi.** *Bahula.* *Śukla.* **Mithuna—Āni.** *Āshādha.* *Śrāvaṇa.* *Buhula.* *H.* 1168 *Shawwāl.* *Yuva.* **Simha—Āvaṇi.** *Yuva.* **Kanyā—Puraṭṭāśi.** *Bahula.* *Śukla.* **Bhādrapada.** *H.* 1168 *Zī-l-ḥijja.* *Yuva.* **Tulā—Aippaśi.** *Bahula.* *Śukla.* **Āśvina.** *H.* 1169 *Muḥarram.* *Yuva.* **Vṛiśchika—Kārttigai.** *Bahula.* *Śukla.* **Kārttika.** *H.* 1169 *Ṣafar.* *Yuva.* **Dhanus—Mārgaḷi.** *Bahula.* *Śukla.* **Mārgaśīrsha.** *H.* 1169 *Rabʿ-ul awwal.*

13. Hasta. **14.** Chit. **15.** Svāti. **16.** Viśāk. **17.** Anur. **18.** Jyesh. **19.** Mūla. **20.** P. Ash. **21.** U. Ash. **22.** Śrav. **23.** Dhani **24** Śatab.

A.D. 1756. **Mesha Sankrānti.** (Commencement of Indian Sidereal year.) **Śaka 1678.** **Kaliyuga 4857.**
Solar Eclipse. ● **(Surya Sid.) April 9·36.** **(S. Cycle) Dhātri.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·27.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
21	Thur.	1	14·05 / A ·97	19·44	28	22	Mon. ●	1	A ·04	25·98	29	23	Sat.	1			1
22	Fri.	2	1·89	20·38	29	23	Tues.	2	1·03	... ...	30	24	Sun.	2	3·51	4·08	2
23	Sat.	3	2·85	21·34	30	24	Wed.	3	2·06	26·03	1	25	Mon.	3	4·59	5·18	3
24	Sun.	4	3·80	22·32	1	25	Thur.	4	3·09	27·09	2	26	Tues.	4	5·66	6·28	4
25	Mon.	5	4·78	23·32	2	26	Fri.	5	4·16	1·17	3	27	Wed.	5	6·72	7·38	5
26	Tues.	6	5·78	24·32	3	27	Sat.	6	5·24	2·26	4	28	Thur.	6	7·75	8·45	6
27	Wed.	7	6·79	25·35	4	28	Sun.	7	6·33	3·37	5	29	Fri.	7	8·77	9·49	7
28	Thur.	8	7·83	26·40	5	29	Mon.	8	7·41	4·48	6	30	Sat.	8	9·76	10·52	8
29	Fri.	9	8·89	27·48	6	30	Tues.	9	8·49	5·59	7	31	Sun.	9	10·74	11·53	9
30	Sat.	10	9·97	1·57	7	1	Wed.	10	9·55	6·58	8	1	Mon.	10	11·69	12·51	10
1	Sun.	11	... ...	2·67	8	2	Thur.	11	10·62	7·76	9	2	Tues.	11	12·62	13·50	11
2	Mon.	12	10·05	3·77	9	3	Fri.	12	11·66	8·82	10	3	Wed.	12	13·55	14·45	12
3	Tues.	13	11·14	4·88	10	4	Sat.	13	12·67	9·86	11	4	Thur.	13	14·46	15·40	13
4	Wed.	14	12·23	5·97	11	5	Sun.	14	13·67	10·88	12	5	Fri.	14	P ·37	16·33	14
5	Thur.	15	13·31	... ...	12	6	Mon.	15	14·65	11·88	13	6	Sat.	15	1·26	17·26	15
6	Fri.	16	14·37	6·07	13	7	Tues.	16	P ·60	12·86	14	7	Sun.	16	2·16	18·20	16
7	Sat.	17	P ·41	7·14	14	8	Wed.	17	1·54	13·82	15	8	Mon.	17	3·06 / 4·96	19·13	17
8	Sun.	18	1·44	8·19	15	9	Thur.	18	2·46	14·78	16	9	Tues.	18	5·88	20·07	18
9	Mon.	19	2·43	9·22	16	10	Fri.	19	3·38	15·72	17	10	Wed.	19	6·80	21·01 / 22·97	19
10	Tues.	20	3·42	10·23	17	11	Sat.	20	4·29	16·66	18	11	Thur.	20	7·74	23·95	20
11	Wed	21	4·38	11·23	18	12	Sun.	21	5·19	17·58	19	12	Fri.	21	8·70	24·93	21
12	Thur.	22	5·33	12·20	19	13	Mon.	22	6·09	18·51	20	13	Sat.	22	9·68	25·94	22
13	Fri.	23	6·25	13·16	20	14	Tues.	23	7·00 / 8·90	19·45	21	14	Sun.	23	10·67	26·97	23
14	Sat.	24	7·16	14·10	21	15	Wed.	24	9·81	20·40	22	15	Mon.	24	11·67	... ...	24
15	Sun.	25	8·07 / 9·97	15·04 / 16·98	22	16	Thur.	25	10·74	21·34	23	16	Tues.	25	12·72	27·01	25
16	Mon.	26	10·87	17·91	23	17	Fri.	26	11·68	22·31	24	17	Wed.	26	13·78	1·09	26
17	Tues.	27	11·78	18·84	24	18	Sat.	27	12·65	23·28	25	18	Thur.	27	14·86	2·17	27
18	Wed.	28	12·69	19·77	25	19	Sun.	28	13·62	24·28	26	19	Fri.	28	A ·93	3·27	28
19	Thur.	29	13·60	20·72	26	20	Mon.	29	14·62	25·30	27	20	Sat.	29	... ...	4·38	29
20	Fri.	30	14·54	21·68	27	21	Tues.	30	A ·64	26·34	28	21	Sun.	30	1·02	5·48	1
21	Sat.	31	A ·49	22·65	28	22	Wed.	31	1·67	27·40	29	22	Mon.	31	2·09	6·58	2
		Feb.						**April.**						**June.**			
22	Sun.	1	1·44	23·63	29	23	Thur.	1	2·74	1·47	1	23	Tues.	1	3·15	7·68	3
23	Mon.	2	2·42	24·64	1	24	Fri.	2	3·81	2·56	2	24	Wed.	2	4·21	8·75	4
24	Tues.	3	3·41	25·66	2	25	Sat.	3	4·90	3·67	3	25	Thur.	3	5·24	9·81	5
25	Wed.	4	4·44	26·71	3	26	Sun.	4	5·98	4·78	4	26	Fri.	4	6·27	10·84	6
26	Thur.	5	5·48	27·78	4	27	Mon.	5	... ...	5·89	5	27	Sat.	5	7·25	11·85	7
27	Fri.	6	6·55	1·87	5	28	Tues.	6	6·07	6·98	6	28	Sun.	6	8·24	12·85	8
28	Sat.	7	7·61	2·96	6	29	Wed.	7	7·14	... ...	7	29	Mon.	7	9·19	13·83	9
29	Sun.	8	8·70	... ...	7	30	Thur.	8	8·20	7·06	8	30	Tues.	8	10·14	14·78	10
1	Mon.	9	9·79	3·07	8	1	Fri.	9	9·28	8·14	9	31	Wed.	9	11·05 / 12·96	15·73	11
2	Tues.	10	10·87	4·18	9	2	Sat.	10	10·23	9·18	10	32	Thur.	10	13·87	16·67	12
3	Wed.	11	11·95	5·29	10	3	Sun.	11	11·23	10·20	11	1	Fri.	11	14·76	17·61	13
4	Thur.	12	... ...	6·38	11	4	Mon.	12	12·21	11·20	12	2	Sat.	12	P ·66	18·54	14
5	Fri.	13	12·01	7·45	12	5	Tues.	13	13·16	12·19	13	3	Sun.	13	1·56	19·47	15
6	Sat.	14	13·06	8·50	13	6	Wed.	14	14·10	13·16	14	4	Mon.	14	2·46	20·40	16
7	Sun.	15	14·07	9·54	14	7	Thur.	15	P ·03 / 1·94	14·12	15	5	Tues.	15	3·37	21·35	17
8	Mon.	16	P ·06	10·56	15	8	Fri.	16	2·84	15·06 / 16·99	16	6	Wed.	16	4·29	22·31	18
9	Tues.	17	1·05	11·55	16	9	Sat.	17	3·75	17·92	17	7	Thur.	17	5·23	23·27	19
10	Wed.	18	2·00 / 3·95	12·53	17	10	Sun.	18	4·64	18·85	18	8	Fri.	18	6·18	24·26	20
11	Thur.	19	4·87	13·49	18	11	Mon.	19	5·55	19·79	19	9	Sat.	19	7·16	25·26	21
12	Fri.	20	5·79	14·44	19	12	Tues.	20	6·45	20·73	20	10	Sun.	20	8·15	26·28	22
13	Sat.	21	6·69	15·38	20	13	Wed.	21	7·36	21·68	21	11	Mon.	21	9·16	27·32	23
14	Sun.	22	7·60	16·32	21	14	Thur.	22	8·28	22·64	22	12	Tues.	22	10·20	1·39	24
15	Mon.	23	8·50	17·25	22	15	Fri.	23	9·22	23·61	23	13	Wed.	23	11·25	2·48	25
16	Tues.	24	9·40	18·18	23	16	Sat.	24	10·19	24·61	24	14	Thur.	24	12·32	3·57	26
17	Wed.	25	10·31	19·11	24	17	Sun.	25	11·16	25·61	25	15	Fri.	25	13·39	4·68	27
18	Thur.	26	11·22	20·06	25	18	Mon.	26	12·16	26·65	26	16	Sat.	26	14·49	5·78	28
19	Fri.	27	12·15	21·01 / 22·98	26	19	Tues.	27	13·18	27·70	27	17	Sun.	27	A ·56	6·89	29
20	Sat.	28	13·09	23·96	27	20	Wed.	28	14·22	1·78	28	18	Mon.	28	1·63	7·99	30
21	Sun.	29	14·07	24·96	28	21	Thur.	29	A ·27	2·87	29	19	Tues.	29	2·69	... ...	1
						22	Fri.	30	1·34	3·97	30	20	Wed.	30	3·73	8·08	2

Yava. **Makara—Tai.** Śukla. Pausha. Pūrṇa. Dhātu. **Kumbha—Māśi.** Śukla. Māgha. Pūrṇa. Dhātu. *H. 1169 Rabī-ul ākhir.* *H. 1169 Jamāda'l awwal.*

Yava. **Mīna—Pāṅguni.** Bahula. Phālguna. Pūrṇa. Dhātu. **Mēsha—Chittirai.** Śukla. Chaitra. Pūrṇa. Dhātu. *H. 1169 Jamāda'l ākhir.* *H. 1169 Rajab.*

Dhātri. **Vrishabha—Vaigāśi.** Śukla. Vaiśākha. Pūrṇa. Dhātu. **Mithuna—Āni.** Bahula. Jyeshtha. Pūrṇa. Dhātu. *H. 1169 Śha'bān.* *H. 1169 Ramazān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1756. **Kollam 932,** { **N. Malabar—Sep.** **Hijra 1170.** **Vikrama 1813.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 26.** **Bengal San. 1162.**
P—Paurnimā. **(N. Cycle) Vyaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Thur.	1	*Śukla.* 4 ·74	9 ·12	3	20	Wed.	1	7 ·34	17 ·62	6	20	Mon.	1	10 ·86	24 ·90	7
22	Fri.	2	5 ·73	10 ·16	4	21	Thur.	2	8 ·24	18 ·55	7	21	Tues.	2	11 ·81	25 ·88	8
23	Sat.	3	6 ·72	11 ·18	5	22	Fri.	3	9 ·14	19 ·48	8	22	Wed.	3	12 ·80	26 ·88	9
24	Sun.	4	7 ·67	12 ·18	6	23	Sat	4	10 ·05	20 ·43	9	23	Thur.	4	13 ·79	27 ·90	10
25	Mon.	5	8 ·61	13 ·16	7				11 ·95			24	Fri.	5	14 ·80	1 ·95	11
26	Tues.	6	9 ·53	14 ·12	8	24	Sun.	5	*Bhādrapada.* 12 ·86	21 ·36	10	25	Sat.	6	**P** ·84	... ...	12
27	Wed.	7	*Āshādha.* 10 ·44	15 ·07	9	25	Mon.	6	13 ·78	22 ·31	11	26	Sun.	7	1 ·89	2 ·01	13
28	Thur.	8	11 ·34	16 ·02 / 17 ·95	10	26	Tues.	7	14 ·71	23 ·26	12	27	Mon.	8	2 ·97	3 ·08	14
29	Fri.	9	12 ·24	18 ·87	11	27	Wed.	8	**P** ·67	24 ·23	13	28	Tues.	9	... ..	4 ·18	15
30	Sat.	10	13 ·13	19 ·81	12	28	Thur.	9	1 ·64	25 ·23	14	29	Wed.	10	3 ·06	5 ·28	16
—31	Sun.	11	14 ·03	20 ·74	13	29	Fri.	10	2 ·64	26 ·24	15	—30	Thur.	11	4 ·15	6 ·40	17
			P ·94			30	Sat.	11	3 ·65	27 ·27	16	1	Fri.	12	5 ·23	7 ·50	18
1	Mon.	12	1 ·85	21 ·69	14	—31	Sun.	12	4 ·69	1 ·32	17	2	Sat.	13	6 ·31	8 ·59	19
2	Tues.	13	2 ·77	22 ·64	15	1	Mon.	13	5 ·74	2 ·39	18	3	Sun.	14	7 ·37	9 ·67	20
3	Wed.	14	3 ·70	23 ·60	16	2	Tues.	14	6 ·80	3 ·48	19	4	Mon.	15	8 ·41	10 ·73	21
4	Thur.	15	4 ·67	24 ·58	17	3	Wed.	15	7 ·88	4 ·58	20	5	Tues.	16	9 ·44	11 ·77	22
5	Fri.	16	5 ·63	25 ·58	18	4	Thur.	16	8 ·97	5 ·69	21	6	Wed.	17	10 ·48	12 ·80	23
6	Sat.	17	6 ·62	26 ·60	19	5	Fri.	17	... ...	6 ·79	22	7	Thur.	18	11 ·42	13 ·80	24
7	Sun.	18	*Bahula.* 7 ·64	27 ·64	20	6	Sat.	18	*Bahula.* 9 ·05	7 ·89	23	8	Fri.	19	12 ·38	14 ·78	25
8	Mon.	19	8 ·68	1 ·70	21	7	Sun.	19	10 ·12	8 ·99	24	9	Sat.	20	13 ·33	15 ·75	26
9	Tues.	20	9 ·74	2 ·78	22	8	Mon.	20	11 ·19	... ...	25	10	Sun.	21	14 ·26	16 ·70	27
10	Wed.	21	10 ·80	3 ·87	23	9	Tues.	21	12 ·23	9 ·06	26	11	Mon.	22	—**A** ·18	17 ·65	28
11	Thur.	22	11 ·88	4 ·97	24	10	Wed.	22	13 ·25	10 ·11	27	12	Tues.	23	1 ·09	18 ·58	—29
12	Fri.	23	12 ·96	... ...	25	11	Thur.	23	14 ·25	11 ·14	28				2 ·99		
13	Sat.	24	... ...	5 ·09	26	12	Fri.	24	—**A** ·23	12 ·15	29	13	Wed.	24	3 ·89	19 ·51	1
14	Sun.	25	13 ·03	6 ·19	27	13	Sat.	25	1 ·20	13 ·15	—30	14	Thur.	25	4 ·79	20 ·44	2
15	Mon.	26	14 ·10	7 ·29	28	14	Sun.	26	2 ·14	14 ·12	1	15	Fri.	26	5 ·70	21 ·37	3
16	Tues.	27	—**A** ·16	8 ·37	—29	15	Mon.	27	*Śukla.* 3 ·07	15 ·08	2	16	Sat.	27	6 ·61	22 ·32	4
17	Wed.	28	1 ·21	9 ·43	1				4 ·98			17	Sun.	28	7 ·54	23 ·27	5
18	Thur.	29	2 ·22	10 ·48	2					16 ·03		18	Mon.	29	8 ·47	24 ·23	6
19	Fri.	30	3 ·22	11 ·50	3	16	Tues.	28	5 ·89	17 ·96	3	19	Tues.	30	9 ·43	25 ·20	7
20	Sat.	31	4 ·20	12 ·50	4	17	Wed.	29	6 ·79	18 ·89	4						
						18	Thur.	30	7 ·69	19 ·83	5						
	Aug.						**Oct.**						**Dec.**				
21	Sun.	1	5 ·14	13 ·48	5	19	Fri.	1	8 ·59	20 ·76	6	20	Wed.	1	10 ·42	26 ·20	8
22	Mon.	2	6 ·09	14 ·45	6	20	Sat.	2	9 ·49	21 ·70	7	21	Thur.	2	11 ·41	27 ·22	9
23	Tues.	3	7 ·02	15 ·41	7	21	Sun.	3	10 ·41	22 ·64	8	22	Fri.	3	12 ·43	1 ·26	10
			Śukla. 8 ·94			22	Mon.	4	11 ·33	23 ·59	9	23	Sat.	4	13 ·48	2 ·31	11
24	Wed.	4	9 ·83	16 ·35	8	23	Tues.	5	12 ·27	24 ·57	10	24	Sun.	5	14 ·53	3 ·39	12
25	Thur.	5	10 ·74	17 ·29	9	24	Wed.	6	*Āśvina.* 13 ·22	25 ·55	11	25	Mon.	6	**P** ·60	4 ·48	13
26	Fri.	6	11 ·63	18 ·22	10	25	Thur.	7	14 ·20	26 ·56	12	26	Tues.	7	1 ·69	5 ·58	14
27	Sat.	7	12 ·54	19 ·15	11	26	Fri.	8	**P** ·19	27 ·58	13	27	Wed.	8	2 ·78	6 ·69	15
28	Sun.	8	13 ·43	20 ·08	12	27	Sat.	9	1 ·20	1 ·63	14	28	Thur.	9	3 ·86	7 ·80	16
				21 ·03		28	Sun.	10	2 ·25	2 ·70	15	29	Fri.	10	4 ·95	8 ·90	17
29	Mon.	9	14 ·34	22 ·97	13	29	Mon.	11	3 ·30	3 ·78	16	—30	Sat.	11	... ...	9 ·98	18
30	Tues.	10	**P** ·26	23 ·93	14	—30	Tues.	12	4 ·37	4 ·88	17	1	Sun.	12	5 ·01	... ...	19
31	Wed.	11	1 ·19	24 ·91	15	1	Wed.	13	5 ·46	5 ·98	18	2	Mon.	13	6 ·06	10 ·04	20
—32	Thur.	12	2 ·16	25 ·90	16	2	Thur.	14	6 ·54	... ...	19	3	Tues.	14	7 ·07	11 ·10	21
1	Fri.	13	3 ·12	26 ·92	17	3	Fri.	15	7 ·62	6 ·09	20	4	Wed.	15	8 ·08	12 ·12	22
2	Sat.	14	4 ·12	27 ·95	18	4	Sat.	16	8 ·70	7 ·20	21	5	Thur.	16	9 ·06	13 ·13	23
3	Sun.	15	5 ·12	... ...	19	5	Sun.	17	*Bahula.* 9 ·76	8 ·29	22				10 ·01		
4	Mon.	16	6 ·16	1 ·01	20	6	Mon.	18	10 ·80	9 ·37	23	6	Fri.	17	11 ·96	14 ·11	24
5	Tues.	17	7 ·22	2 ·08	21	7	Tues.	19	11 ·83	10 ·42	24	7	Sat.	18	12 ·89	15 ·08	25
6	Wed.	18	8 ·28	3 ·17	22	8	Wed.	20	12 ·83	11 ·46	25					16 ·04	
7	Thur.	19	9 ·37	4 ·28	23	9	Thur.	21	13 ·82	12 ·47	26	8	Sun.	19	13 ·80	17 ·98	26
8	Fri.	20	10 ·46	5 ·39	24	10	Fri.	22	14 ·77	13 ·48	27	9	Mon.	20	14 ·71	18 ·92	27
9	Sat.	21	11 ·54	6 ·49	25	11	Sat.	23	—**A** ·71	14 ·45	28	10	Tues.	21	—**A** ·62	19 ·85	28
10	Sun.	22	12 ·60	7 ·59	26	12	Sun	24	1 ·65	15 ·41	29	11	Wed.	22	1 ·52	20 ·78	29
11	Mon.	23	13 ·65	8 ·67	27	13	Mon.	25	2 ·56	16 ·36	—30	12	Thur.	23	2 ·41	21 ·72	—30
12	Tues.	24	14 ·70	9 ·75	28	14	Tues.	26	3 ·47	17 ·30	1	13	Fri.	24	3 ·33	22 ·66	1
13	Wed.	25	—**A** ·72	10 ·80	29	15	Wed.	27	4 ·36	18 ·24	2	14	Sat.	25	4 ·24	23 ·60	2
14	Thur.	26	1 ·72	11 ·82	—30	16	Thur.	28	*Śukla.* 5 ·27	19 ·17	3	15	Sun.	26	5 ·18	24 ·56	3
15	Fri.	27	2 ·70	12 ·83	1	17	Fri.	29	6 ·17	20 ·10	4	16	Mon.	27	6 ·12	25 ·53	4
16	Sat.	28	3 ·66	13 ·81	2	18	Sat.	30	7 ·09	21 ·03 / 22 ·97	5	17	Tues.	28	7 ·08	26 ·52	5
17	Sun.	29	4 ·60	14 ·79	3							18	Wed.	29	8 ·06	27 ·54	6
18	Mon.	30	5 ·53	15 ·75	4	19	Sun.	31	8 ·00 / 9 ·92	23 ·94	6	19	Thur.	30	9 ·07	1 ·57	7
19	Tues.	31	6 ·44	16 ·69	5							20	Fri.	31	10 ·08	2 ·62	8

Dhātri. **Mithuna—Āṇi.** *Vaiṣ.* **Karkataka—Āḍi.** *Dhātri.* **Siṁha—Āvaṇi.** *Dhātri.* **Tulā—Aippaśi.** *Dhātri.* **Kanyā—Puraṭṭāśi.** *Dhātri.* **Vṛśchika—Kārttigai.** *Dhātri.* **Dhanus—Mārgaḷi.**

H. 1169 *Shawwāl.* *H.* 1169 *Zi-l-ka'da.* *H.* 1169 *Zi-l-hijja.* *H.* 1170 *Muharram.* *H.* 1170 *Ṣafar.* *H.* 1170 *Rabi-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śaatb.

A.D. 1757. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·62.** **Śaka 1679.** **Kaliyuga 4858.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·53.** **(S. Cycle) Īśvara.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Sat.	1	11 ·11	3 ·69	9	22	Tues.	1	11 ·71	7 ·69	9	22	Sun.	1	12 ·08	13 ·74	11
22	Sun.	2	12 ·18	4 ·78	10	23	Wed.	2	12 ·79	8 ·80	10	23	Mon.	2	13 ·07	14 ·75	12
23	Mon.	3	13 ·26	5 ·89	11	24	Thur.	3	13 ·86	9 ·90	11	24	Tues.	3	14 ·05	15 ·73	13
24	Tues.	4	14 ·35	6 ·99	12	25	Fri.	4	14 ·92	10 ·98	12	25	Wed.	4	P ·00	16 ·71	14
25	Wed.	5	P ·43	... ...	13	26	Sat.	5	P ·96	... ...	13				1 ·94		
26	Thur.	6	1 ·53	7 ·10	14	27	Sun.	6	1 ·97	11 ·04	14	26	Thur.	5	2 ·86	17 ·67	15
27	Fri.	7	2 ·60	8 ·19	15	28	Mon.	7	2 ·97	12 ·07	15	27	Fri.	6	3 ·77	18 ·61	16
28	Sat.	8	3 ·65	9 ·28	16	29	Tues.	8	3 ·94	13 ·10	16	28	Sat.	7	4 ·67	19 ·55	17
—29	Sun.	9	4 ·70	10 ·36	17	—30	Wed.	9	4 ·90	14 ·10	17	29	Sun.	8	5 ·58	20 ·48	18
1	Mon.	10	5 ·72	11 ·41	18	1	Thur.	10	5 ·83	15 ·08	18	—30	Mon.	9	6 ·47	21 ·41	19
2	Tues.	11	6 ·72	12 ·44	19	2	Fri.	11	6 ·76	16 ·04 17 ·99	19	1	Tues.	10	7 ·37	22 ·35	20
3	Wed.	12	7 ·71	13 ·45	20							2	Wed.	11	8 ·27	23 ·29	21
4	Thur.	13	8 ·67	14 ·44	21	3	Sat.	12	7 ·67	18 ·93	20	3	Thur.	12	9 ·18	24 ·23	22
5	Fri.	14	9 ·60	15 ·42	22	4	Sun.	13	8 ·58	19 ·87	21	4	Fri.	13	10 ·11	25 ·19	23
6	Sat.	15	10 ·52	16 ·38	23	5	Mon.	14	9 ·48	20 ·80	22	5	Sat.	14	11 ·06	26 ·16	24
7	Sun.	16	11 ·45	17 ·32	24	6	Tues.	15	10 ·39	21 ·73	23	6	Sun.	15	12 ·02 13 ·99	27 ·15	25
8	Mon.	17	12 ·36	18 ·26	25	7	Wed.	16	11 ·28	22 ·67	24						
9	Tues.	18	13 ·26	19 ·19	26	8	Thur.	17	12 ·18	23 ·61	25	7	Mon.	16	14 ·98	1 ·16	26
10	Wed.	19	14 ·16	20 ·13	27	9	Fri.	18	13 ·10	24 ·56	26	8	Tues.	17	... ...	2 ·19	27
11	Thur.	20	A ·06 1 ·97	21 ·06 22 ·99	28	10	Sat.	19	14 ·03 A ·98	25 ·53	27	9	Wed.	18	—A ·02	3 ·23	28
12	Fri.	21	2 ·89	23 ·94	—29	11	Sun.	20	1 ·94	26 ·50	28	10	Thur.	19	1 ·06	4 ·30	—29
13	Sat.	22	3 ·82	24 ·89	1	12	Mon.	21	2 ·93	27 ·50	—29	11	Fri.	20	2 ·12	5 ·38	1
14	Sun.	23	4 ·76	25 ·86	2	13	Tues.	22	3 ·92	1 ·51	1	12	Sat.	21	3 ·18	6 ·49	2
15	Mon	24	5 ·72	26 ·84	3	14	Wed.	23	4 ·95	2 ·56	2	13	Sun.	22	4 ·26	7 ·60	3
16	Tues.	25	6 ·70	27 ·86	4	15	Thur.	24	5 ·99	3 ·62	3	14	Mon.	23	5 ·35	8 ·70	4
17	Wed.	26	7 ·71	1 ·88	5	16	Fri.	25	... ...	4 ·69	4	15	Tues.	24	6 ·42	9 ·80	5
18	Thur.	27	8 ·73	2 ·93	6	17	Sat.	26	6 ·04	5 ·78	5	16	Wed.	25	7 ·49	10 ·89	6
19	Fri.	28	9 ·78	3 ·99	7	18	Sun.	27	7 ·13	6 ·89	6	17	Thur.	26	8 ·54	11 ·97	7
20	Sat.	29	10 ·83	... ...	8	19	Mon.	28	8 ·21	... ...	7	18	Fri.	27	9 ·58	... ...	8
21	Sun.	30	11 ·91	4 ·09	9	20	Tues.	29	9 ·30	7 ·00	8	19	Sat.	28	10 ·59	12 ·03	9
22	Mon.	31	... ...	5 ·19	10	21	Wed.	30	10 ·38	8 ·11	9	20	Sun.	29	11 ·59	13 ·06	10
						22	Thur.	31	11 ·45	9 ·20	10	21	Mon.	30	12 ·55	14 ·07	11
	Feb.						**April.**					22	Tues.	31	13 ·52	15 ·06	12
													June.				
23	Tues.	1	12 ·00	6 ·29	11	23	Fri.	1	12 ·50	10 ·28	11	23	Wed.	1	14 ·45	16 ·03	13
24	Wed.	2	13 ·08	7 ·40	12	24	Sat.	2	13 ·54	11 ·35	12	24	Thur.	2	P ·36	17 ·00 18 ·95	14
25	Thur.	3	14 ·17	8 ·50	13	25	Sun.	3	14 ·54	12 ·39	13						
26	Fri. ○	4	P ·25	9 ·60	14	26	Mon.	4	... ·54	13 ·42	14	25	Fri.	3	1 ·27	19 ·89	15
27	Sat.	5	1 ·31	10 ·66	15	27	Tues.	5	1 ·51	14 ·42	15	26	Sat.	4	2 ·17	20 ·82	16
28	Sun.	6	2 ·34	11 ·72	16	28	Wed.	6	2 ·47	15 ·41	16	27	Sun.	5	3 ·07 4 ·96	21 ·76	17
—29	Mon.	7	3 ·35	12 ·76	17	29	Thur.	7	3 ·41	16 ·37	17						
1	Tues.	8	4 ·36	13 ·77	18	30	Fri.	8	4 ·33	17 ·33	18	28	Mon.	6	5 ·87	22 ·69	18
2	Wed.	9	5 ·34	14 ·77	19	—31	Sat.	9	5 ·24	18 ·28	19	29	Tues.	7	6 ·78	23 ·62	19
3	Thur.	10	6 ·30	15 ·75	20	1	Sun.	10	6 ·15	19 ·21	20	30	Wed.	8	7 ·69	24 ·56	20
4	Fri.	11	7 ·23	16 ·71	21	2	Mon.	11	7 ·04 8 ·94	20 ·14	21	31	Thur.	9	8 ·61	25 ·52	21
5	Sat.	12	8 ·15	17 ·66	22							—32	Fri.	10	9 ·55	26 ·49	22
6	Sun.	13	9 ·07 10 ·98	18 ·59	23	3	Tues.	12	9 ·84	21 ·07	22	1	Sat.	11	10 ·51	27 ·48	23
7	Mon.	14	11 ·88	19 ·53	24	4	Wed.	13	10 ·75	22 ·09 23 ·95	23	2	Sun.	12	11 ·48	1 ·48	24
8	Tues.	15	12 ·78	20 ·47	25	5	Thur.	14	11 ·66	24 ·90	24	3	Mon.	13	12 ·48	2 ·50	25
9	Wed.	16	13 ·66	21 ·40	26	6	Fri.	15	12 ·59	25 ·86	25	4	Tues.	14	13 ·50	3 ·54	26
10	Thur.	17	14 ·59	22 ·33	27	7	Sat.	16	13 ·53	26 ·83	26	5	Wed.	15	14 ·53	4 ·61	27
11	Fri.	18	—A ·51	23 ·27	28	8	Sun.	17	14 ·49	27 ·82	27	6	Thur.	16	—A ·59	5 ·70	28
12	Sat.	19	1 ·44	24 ·22	29	9	Mon.	18	—A ·48	1 ·84	28	7	Fri.	17	1 ·66	6 ·79	29
13	Sun.	20	2 ·39	25 ·20	—30	10	Tues.	19	1 ·47	2 ·87	29	8	Sat.	18	2 ·74	7 ·90	—30
14	Mon.	21	3 ·34	26 ·18	1	11	Wed.	20	2 ·51	3 ·92	—30	9	Sun.	19	3 ·82	... ...	1
15	Tues.	22	4 ·33	27 ·18	2	12	Thur.	21	3 ·54	... ...	1	10	Mon.	20	4 ·90	8 ·00	2
16	Wed.	23	5 ·33	1 ·20	3	13	Fri.	22	4 ·59	4 ·00	2	11	Tues.	21	5 ·97	9 ·10	3
17	Thur.	24	6 ·35	2 ·24	4	14	Sat.	23	5 ·66	5 ·09	3	12	Wed.	22	... ...	10 ·20	4
18	Fri	25	7 ·40	3 ·31	5	15	Sun.	24	6 ·75	6 ·19	4	13	Thur.	23	6 ·02	11 ·28	5
19	Sat.	26	8 ·45	4 ·39	6	16	Mon.	25	7 ·84	7 ·30	5	14	Fri.	24	7 ·06	12 ·34	6
20	Sun.	27	9 ·53	5 ·48	7	17	Tues.	26	8 ·92	8 ·41	6	15	Sat.	25	8 ·07	13 ·38	7
21	Mon.	28	10 ·63	6 ·59	8	18	Wed.	27	9 ·99	9 ·50	7	16	Sun.	26	9 ·06	14 ·39	8
						19	Thur.	28	... ...	10 ·59	8	17	Mon.	27	10 ·03	15 ·40	9
						20	Fri.	29	10 ·04	11 ·65	9	18	Tues.	28	11 ·00 12 ·93	16 ·38	10
						21	Sat.	30	11 ·09	12 ·71	10	19	Wed.	29	13 ·85	17 ·34	11
												20	Thur.	30	14 ·76	18 ·29	12

Dhātri. **Makara—Tai.** *Sukla.* *Bahula.* **Pausha.** *H.* 1170 *Rabī-ul ākhir.*

Dhātri. **Kumbha—Māsi.** *Sukla.* *Bahula.* **Māgha.** *H.* 1170 *Jamādā'l awwal.*

Īśvara. **Mēsha—Chittirai.** *Sukla.* *Bahula.* **Phālguna.** *H.* 1170 *Jamādā'l ākhir.*

Dhātri. **Mīna—Panguni.** *Sukla.* *Bahula.* **Chaitra.** *H.* 1170 *Rajab.*

Īśvara. **Mithuna—Āni.** *Sukla.* *Bahula.* **Jyeshtha.** *H.* 1170 *Shā'bān.*

Īśvara. **Vrishabha—Vaigāsi.** *Sukla.* *Bahula.* **Vaiśākha.** *H.* 1170 *Ramażān.*

Īśvara. **Karkata—Āvani.** *Sukla.* *Bahula.* **Śrāvana.** *H.* 1170 *Shawwāl.*

Naksh: 1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9 Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1757. **Kollam 933,** { **N. Malabar—Sep.** **Hijra 1171.** **Vikrama 1814.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 15.** **Bengal San. 1163.**
P—Paurnimā. **(N. Cycle) Sarvajit.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
			Āshādha.														
21	Fri.	1	P ·66	19 ·23	13							20	Tues.	1	5 ·20	6 ·30	18
22	Sat.	2	1 ·55	20 ·15	14	20	Thur.	1	3 ·08 / 4 ·98	27 ·45	16	21	Wed.	2	6 ·27	7 ·40	19
23	Sun.	3	2 ·45	21 ·10	15	21	Fri.	2	5 ·96	1 ·44	17	22	Thur.	3	7 ·36	8 ·50	20
24	Mon.	4	3 ·36	22 ·03 / 23 ·96	16	22	Sat.	3	6 ·95	2 ·46	18	23	Fri.	4	8 ·44	9 ·61	21
25	Tues.	5	4 ·26	24 ·90	17	23	Sun.	4	7 ·97	3 ·49	19	24	Sat.	5	9 ·53	10 ·71	22
26	Wed.	6	5 ·17	25 ·85	18	24	Mon.	5	... ...	4 ·54	20	25	Sun.	6	10 ·61	11 ·81	23
27	Thur.	7	6 ·09	26 ·82	19	25	Tues.	6	8 ·00	5 ·61	21	26	Mon.	7	11 ·66	12 ·89	24
28	Fri.	8	7 ·03 / 8 ·98	27 ·80	20	26	Wed.	7	9 ·06	6 ·69	22	27	Tues.	8	12 ·70	13 ·95	25
29	Sat.	9	9 ·96	1 ·80	21	27	Thur.	8	10 ·12	7 ·80	23	28	Wed.	9	13 ·72	14 ·99	26
30	Sun.	10	10 ·95	2 ·81	22	28	Fri.	9	11 ·20	8 ·91	24	29	Thur.	10	14 ·73	... ...	27
31	Mon.	11	11 ·97	3 ·85	23	29	Sat.	10	12 ·29	... ...	25	30	Fri.	11	A ·70	15 ·01	28
1	Tues.	12	... ...	4 ·92	24	30	Sun.	11	13 ·37	9 ·01	26	1	Sat.	12	1 ·66	16 ·02	29
2	Wed.	13	12 ·01	... ...	25	31	Mon.	12	14 ·45	10 ·11	27					17 ·00 / 18 ·97	
3	Thur.	14	13 ·07	5 ·00	26	1	Tues.	13	A ·51	11 ·20	28	2	Sun.	13	2 ·61		1
4	Fri.	15	14 ·14	6 ·09	27	2	Wed.	14	1 ·56	12 ·27	29	3	Mon.	14	3 ·54	19 ·92	2
5	Sat.	16	A ·22	7 ·19	28	3	Thur.	15	2 ·57	13 ·33	1	4	Tues.	15	4 ·46	20 ·86	3
6	Sun.	17	1 ·29	8 ·30	29	4	Fri.	16	3 ·56	14 ·46	2	5	Wed.	16	5 ·36	21 ·80	4
7	Mon.	18	2 ·36	9 ·41	1	5	Sat.	17	4 ·54	15 ·33	3	6	Thur.	17	6 ·26	22 ·73	5
8	Tues.	19	3 ·44	10 ·51	2	6	Sun.	18	5 ·50	16 ·36	4	7	Fri.	18	7 ·16	23 ·66	6
9	Wed.	20	4 ·51	11 ·59	3	7	Mon.	19	6 ·44	17 ·33	5	8	Sat.	19	8 ·07 / 9 ·98	24 ·59	7
10	Thur.	21	5 ·54	12 ·65	4	8	Tues.	20	7 ·36	18 ·30	6	9	Sun.	20	10 ·90	25 ·53	8
11	Fri.	22	6 ·55	13 ·69	5	9	Wed.	21	8 ·28	19 ·25	7	10	Mon.	21	11 ·82	26 ·49	9
12	Sat.	23	7 ·54	14 ·72	6	10	Thur.	22	9 ·18	20 ·18	8	11	Tues.	22	12 ·76	27 ·45	10
13	Sun.	24	8 ·51	15 ·72	7	11	Fri.	23	10 ·09 / 11 ·99	21 ·11	9	12	Wed.	23	13 ·72	1 ·42	11
14	Mon.	25	9 ·47	16 ·70	8	12	Sat.	24	12 ·88	22 ·04 / 23 ·98	10	13	Thur.	24	14 ·70	2 ·42	12
15	Tues.	26	10 ·40	17 ·67	9	13	Sun.	25	13 ·79	24 ·92	11	14	Fri.	25	P ·70	3 ·43	13
16	Wed.	27	11 ·33	18 ·62	10	14	Mon.	26	P ·70	25 ·86	12	15	Sat.	26	1 ·73	4 ·47	14
17	Thur.	28	12 ·25	19 ·56	11	15	Tues.	27	1 ·63	26 ·81	13	16	Sun.	27	2 ·76	5 ·53	15
18	Fri.	29	13 ·15	20 ·51	12	16	Wed.	28	1 ·57	27 ·78	14	17	Mon.	28	3 ·82	6 ·61	16
19	Sat. ○	30	14 ·05 / P ·95	21 ·44	13	17	Thur.	29	2 ·52	1 ·77	15	18	Tues.	29	4 ·89	7 ·70	17
20	Sun.	31	1 ·85	22 ·37	14	18	Fri.	30	3 ·50	2 ·78	16	19	Wed.	30	5 ·99	8 ·80	18
	Aug.						**Oct.**						**Dec.**				
21	Mon.	1	2 ·74	23 ·30	15	19	Sat.	1	4 ·49	3 ·80	17	20	Thur.	1	... ...	9 ·91	19
22	Tues.	2	3 ·86	24 ·23	16	20	Sun.	2	5 ·51	4 ·85	18	21	Fri.	2	6 ·07	... ...	20
23	Wed.	3	4 ·58	25 ·19	17	21	Mon.	3	6 ·54	5 ·91	19	22	Sat.	3	7 ·16	10 ·02	21
24	Thur.	4	5 ·52	26 ·15	18	22	Tues.	4	7 ·60	... ...	20	23	Sun.	4	8 ·23	11 ·12	22
25	Fri.	5	6 ·46	27 ·13	19	23	Wed.	5	8 ·67	6 ·00	21	24	Mon.	5	9 ·30	12 ·20	23
26	Sat.	6	7 ·45	1 ·12	20	24	Thur.	6	9 ·76	7 ·10	22	25	Tues.	6	10 ·34	13 ·20	24
27	Sun.	7	8 ·44	2 ·13	21	25	Fri.	7	10 ·84	8 ·21	23	26	Wed.	7	11 ·36	14 ·31	25
28	Mon.	8	9 ·45	3 ·17	22	26	Sat.	8	11 ·92	9 ·31	24	27	Thur.	8	12 ·35	15 ·34	26
29	Tues.	9	10 ·48	4 ·23	23	27	Sun.	9	12 ·99	10 ·41	25	28	Fri.	9	13 ·33	16 ·35	27
30	Wed.	10	11 ·54	5 ·30	24	28	Mon.	10	... ...	11 ·50	26	29	Sat.	10	14 ·29	17 ·33	28
31	Thur.	11	12 ·62	6 ·39	25	29	Tues.	11	13 ·06	12 ·59	27	30	Sun.	11	A ·23	18 ·30	29
32	Fri.	12	13 ·70	7 ·49	26	30	Wed.	12	14 ·11	13 ·64	28	1	Mon.	12	1 ·16	19 ·25	30
1	Sat.	13	14 ·79	8 ·61	27	1	Thur.	13	A ·13	14 ·68	29	2	Tues.	13	2 ·08 / 3 ·99	20 ·20	1
2	Sun.	14	A ·86	9 ·71	28	2	Fri.	14	1 ·13	15 ·69	30	3	Wed.	14	4 ·88	21 ·14	2
3	Mon.	15	1 ·92	10 ·81	29	3	Sat.	15	2 ·10	16 ·69	1	4	Thur.	15	5 ·79	22 ·07	3
4	Tues.	16	2 ·98	11 ·89	30	4	Sun.	16	3 ·06	17 ·67	2					23 ·00 / 24 ·93	
5	Wed.	17	... ...	12 ·96	1	5	Mon.	17	4 ·01 / 5 ·93	18 ·62	3	5	Fri.	16	6 ·70		4
6	Thur.	18	3 ·02	... ...	2	6	Tues.	18	6 ·85	19 ·58	4	6	Sat.	17	7 ·60	25 ·87	5
7	Fri.	19	4 ·05	13 ·02	3	7	Wed.	19	7 ·75	20 ·52	5	7	Sun.	18	8 ·52	26 ·82	6
8	Sat.	20	5 ·03	14 ·04	4	8	Thur.	20	8 ·66	21 ·45	6	8	Mon.	19	9 ·45	27 ·78	7
9	Sun.	21	6 ·01 / 7 ·97	15 ·05	5	9	Fri.	21	9 ·55	22 ·39	7	9	Tues.	20	10 ·40	1 ·75	8
10	Mon.	22	8 ·92	16 ·03	6	10	Sat.	22	10 ·46	23 ·32	8	10	Wed.	21	11 ·36	2 ·74	9
11	Tues.	23	9 ·84	17 ·00 / 18 ·96	7	11	Sun.	23	11 ·37	24 ·25	9	11	Thur.	22	12 ·35	3 ·75	10
12	Wed.	24	10 ·74	19 ·91	8	12	Mon.	24	12 ·28	25 ·19	10	12	Fri.	23	13 ·34	4 ·79	11
13	Thur.	25	11 ·65	20 ·84	9	13	Tues.	25	13 ·21	26 ·14	11	13	Sat.	24	14 ·36	5 ·84	12
14	Fri.	26	12 ·55	21 ·77	10	14	Wed.	26	14 ·15	27 ·12	12	14	Sun.	25	P ·42	6 ·91	13
15	Sat.	27	13 ·45	22 ·70	11	15	Thur.	27	P ·10	1 ·11	13	15	Mon.	26	1 ·47	... ...	14
16	Sun.	28	14 ·35	23 ·63	12	16	Fri.	28	1 ·08	2 ·10	14	16	Tues.	27	2 ·55	7 ·00	15
17	Mon.	29	P ·26	24 ·58	13	17	Sat.	29	2 ·08	3 ·12	15	17	Wed.	28	3 ·64	8 ·10	16
18	Tues.	30	1 ·16	25 ·53	14	18	Sun.	30	3 ·10	4 ·16	16	18	Thur.	29	4 ·73	9 ·21	17
19	Wed.	31	2 ·08	26 ·48	15	19	Mon.	31	4 ·13	5 ·22	17	19	Fri.	30	5 ·81	10 ·32	18
												20	Sat.	31	6 ·89	11 ·42	19

Īśvara. **Karkaṭaka—Ādi.** *Īśvara.* **Mithuna—Āṇi.** *Bahula.* *Śukla.* *Īśvara.* **Simha—Āvaṇi.** *Bahula.* *Śukla.* *Īśvara.* **Kanyā—Puraṭṭāsi.** *Bahula.* *Śukla.* *Īśvara.* **Tulā—Aippaśi.** *Bahula.* *Śukla.* *Īśvara.* **Vṛśchika—Kārttigai.** *Bahula.* *Śukla.* *Īśvara.* **Dhanus—Mārgaḷi.** *Bahula.* *Śukla.* *Īśvara.* **Makara—Tai.** *Bahula.* *Śukla.*

H. 1170 *Shawwāl.* *H.* 1170 *Zī-l-ka'da.* *H.* 1170 *Zī-l-ḥijja.* *H.* 1171 *Muharram.* *H.* 1171 *Ṣafar.* *H.* 1171 *Rabī-ul awwal.* *H.* 1171 *Rabī-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1758. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·88.** **Śaka 1680.** **Kaliyuga 4859.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·79.** **(S. Cycle) Bahudhānya.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
21	Sun 1	*Bahula.* 7 ·95	12 ·50	20
22	Mon. 2	8 ·98	13 ·57	21
23	Tues. 3	... ...	14 ·63	22
24	Wed. 4	9 ·00	15 ·66	23
25	Thur. 5	10 ·00 / 11 ·98	16 ·67	24
26	Fri. 6	12 ·93	17 ·66	25
27	Sat. 7	13 ·88	18 ·63	26
28	Sun. 8	14 ·81	19 ·59	27
—29	Mon. 9	—A ·72	20 ·54	28
1	Tues. 10	1 ·64	21 ·48	—29
2	Wed. 11	2 ·54	22 ·41	1
3	Thur. 12	3 ·44	23 ·34	2
4	Fri. 13	4 ·34	24 ·27	3
5	Sat. 14	*Śukla.* 5 ·26	25 ·21	4
6	Sun. 15	6 ·17	26 ·15	5
7	Mon. 16	7 ·09	27 ·11	6
8	Tues. 17	8 ·05	1 ·08	7
9	Wed. 18	9 ·00 / 10 ·99	2 ·06	8
10	Thur. 19	11 ·99	3 ·08	9
11	Fri. 20	... ...	4 ·10	10
12	Sat. 21	12 ·02	5 ·15	11
13	Sun. 22	13 ·05	6 ·22	12
14	Mon. 28	14 ·12	7 ·30	13
15	Tues. ○24	☽ ·21	8 ·41	14
16	Wed. 25	1 ·29	9 ·51	15
17	Thur. 26	2 ·38	10 ·62	16
18	Fri. 27	3 ·47	11 ·72	17
19	Sat. 28	4 ·55	12 ·81	18
20	Sun. 29	5 ·60	13 ·89	19
21	Mon. 30	6 ·63	14 ·95	20
22	Tues. 31	7 ·65	15 ·98	21
	Feb.			
23	Wed. 1	*Bahula.* 8 ·64	16 ·99	22
24	Thur. 2	9 ·62	17 ·98	23
25	Fri. 3	10 ·57	18 ·96	24
26	Sat. 4	11 ·51	19 ·93	25
27	Sun. 5	12 ·44	20 ·88	26
28	Mon. 6	13 ·36	21 ·81	27
29	Tues. 7	14 ·26	22 ·75	28
—30	Wed. 8	A ·16	23 ·68	29
1	Thur. 9	1 ·07 / 2 ·96	24 ·61	—30
2	Fri. 10	3 ·88	25 ·55	1
3	Sat. 11	4 ·79	26 ·49	2
4	Sun. 12	5 ·72	27 ·44	3
5	Mon. 13	6 ·68	1 ·41	4
6	Tues. 14	7 ·63	2 ·40	5
7	Wed. 15	8 ·62	3 ·40	6
8	Thur. 16	9 ·62	4 ·42	7
9	Fri. 17	10 ·66	5 ·46	8
10	Sat. 18	11 ·70	6 ·52	9
11	Sun. 19	12 ·76	7 ·61	10
12	Mon. 20	13 ·83	8 ·71	11
13	Tues. 21	14 ·91	9 ·81	12
14	Wed. 22	... ...	10 ·91	13
15	Thur. 23	☽ ·00	... ...	14
16	Fri. 24	1 ·09	11 ·02	15
17	Sat. 25	2 ·17	12 ·11	16
18	Sun. 26	3 ·22	13 ·20	17
19	Mon. 27	4 ·26	14 ·26	18
20	Tues. 28	5 ·26	15 ·22	19

Īśvara. **Makara—Tai.** *Śaka* 1679 *Jamāda'l awwal.* **Kumbha—Māsi.** *Śaka* 1679 *Jamāda'l ākhir.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
21	Wed. 1	*Bahula.* 6 ·26	16 ·31	20
22	Thur. 2	7 ·24	17 ·31	21
23	Fri. 3	8 ·19	18 ·30	22
24	Sat. 4	9 ·13	19 ·26	23
25	Sun. 5	10 ·05 / 11 ·97	20 ·21	24
26	Mon. 6	12 ·87	21 ·15	25
27	Tues. 7	13 ·77	22 ·08	26
28	Wed. 8	14 ·68	23 ·02 / 24 ·95	27
—29	Thur. 9	*Śukla.* A ·57	25 ·89	28
1	Fri. 10	1 ·48	26 ·82	—29
2	Sat. 11	2 ·40	27 ·77	1
3	Sun. 12	3 ·33	1 ·75	2
4	Mon. 13	4 ·27	2 ·72	3
5	Tues. 14	5 ·24	3 ·72	4
6	Wed. 15	6 ·22	4 ·73	5
7	Thur. 16	7 ·22	5 ·77	6
8	Fri. 17	8 ·25	6 ·84	7
9	Sat. 18	9 ·29	7 ·91	8
10	Sun. 19	10 ·35	... ...	9
11	Mon. 20	11 ·44	8 ·00	10
12	Tues. 21	12 ·53	9 ·11	11
13	Wed. 22	13 ·61	10 ·21	12
14	Thur. 23	14 ·70	11 ·32	13
15	Fri. 24	☽ ·76	12 ·42	14
16	Sat. 25	1 ·81	13 ·50	15
17	Sun. 26	2 ·85	14 ·57	16
18	Mon. 27	3 ·84	15 ·61	17
19	Tues. 28	4 ·85	16 ·63	18
20	Wed. 29	5 ·81	17 ·64	19
21	Thur. 30	6 ·77	18 ·63	20
22	Fri. 31	7 ·71	19 ·59	21
	April.			
23	Sat. 1	8 ·63	20 ·55	22
24	Sun. 2	9 ·55	21 ·49	23
25	Mon. 3	10 ·45	22 ·43	24
26	Tues. 4	11 ·34	23 ·36	25
27	Wed. 5	12 ·24	24 ·29	26
28	Thur. 6	13 ·15	25 ·22	27
29	Fri. 7	14 ·06 / A ·98	26 ·16	28
30	Sat. 8	1 ·90	27 ·12	29
—31	Sun. 9	2 ·84	1 ·08	—30
1	Mon. 10	3 ·80	2 ·05	1
2	Tues. 11	4 ·78	3 ·04	2
3	Wed. 12	5 ·78	4 ·05	3
4	Thur. 13	6 ·81	5 ·08	4
5	Fri. 14	7 ·86	6 ·14	5
6	Sat. 15	8 ·91	7 ·22	6
7	Sun. 16	9 ·99	8 ·31	7
8	Mon. 17	... ...	9 ·41	8
9	Tues. 18	10 ·08	10 ·52	9
10	Wed. 19	11 ·16	11 ·63	10
11	Thur. 20	12 ·25	12 ·72	11
12	Fri. 21	13 ·31	13 ·81	12
13	Sat. 22	14 ·37	14 ·88	13
14	Sun. 23	☽ ·39	15 ·92	14
15	Mon. 24	1 ·39	16 ·96	15
16	Tues. 25	2 ·39	17 ·97	16
17	Wed. 26	3 ·36	18 ·95	17
18	Thur. 27	4 ·31	19 ·92	18
19	Fri. 28	5 ·25	20 ·88	19
20	Sat. 29	6 ·18 / 7 ·08	21 ·83	20
21	Sun. 30	8 ·99	22 ·77	21

Īśvara. **Mīna—Pangguni.** *Śaka* 1679 *Rajab.* **Mēsha—Chittirai.** *Śaka* 1679 *Shaʻbān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
22	Mon. 1	9 ·88	23 ·70	22
23	Tues. 2	10 ·78	24 ·63	23
24	Wed. 3	11 ·68	25 ·56	24
25	Thur. 4	12 ·58	26 ·51	25
26	Fri. 5	13 ·50	27 ·45	26
27	Sat. 6	14 ·43	1 ·41	27
28	Sun. 7	—A ·38	2 ·38	28
29	Mon. 8	1 ·33	3 ·36	—29
30	Tues. 9	2 ·31	4 ·37	1
—31	Wed. 10	3 ·31	5 ·41	2
1	Thur. 11	*Śukla.* 4 ·33	6 ·45	3
2	Fri. 12	5 ·38	7 ·52	4
3	Sat. 13	6 ·43	8 ·61	5
4	Sun. 14	7 ·51	9 ·70	6
5	Mon. 15	8 ·59	10 ·82	7
6	Tues. 16	9 ·67	11 ·92	8
7	Wed. 17	10 ·75	... ...	9
8	Thur. 18	11 ·82	12 ·02	10
9	Fri. 19	12 ·88	13 ·11	11
10	Sat. 20	13 ·90	14 ·19	12
11	Sun. 21	14 ·91	15 ·25	13
12	Mon. 22	☽ ·90	16 ·27	14
13	Tues. 23	1 ·88	17 ·29	15
14	Wed. 24	2 ·83	18 ·28	16
15	Thur. 25	3 ·76	19 ·25	17
16	Fri. 26	4 ·68	20 ·22	18
17	Sat. 27	5 ·58	21 ·17	19
18	Sun. 28	6 ·48	22 ·11	20
19	Mon. 29	7 ·33	23 ·04 / 24 ·97	21
20	Tues. 30	8 ·29	25 ·90	22
21	Wed. 31	9 ·18	26 ·84	23
	June.			
22	Thur. 1	10 ·07	27 ·78	24
23	Fri. 2	11 ·00 / 12 ·93	1 ·74	25
24	Sat. 3	13 ·88	2 ·70	26
25	Sun. 4	14 ·82	3 ·69	27
26	Mon. 5	—A ·81	4 ·70	28
27	Tues. 6	1 ·80	5 ·72	29
28	Wed. 7	2 ·83	6 ·76	—30
29	Thur. 8	3 ·86	7 ·83	1
30	Fri. 9	4 ·91	8 ·91	2
—31	Sat. 10	*Śukla.*	... ...	3
1	Sun. 11	5 ·00	9 ·01	4
2	Mon. 12	6 ·08	10 ·12	5
3	Tues. 13	7 ·17	11 ·22	6
4	Wed. 14	8 ·24	12 ·33	7
5	Thur. 15	9 ·31	13 ·42	8
6	Fri. 16	10 ·35	14 ·50	9
7	Sat. 17	11 ·38	15 ·56	10
8	Sun. 18	12 ·40	16 ·60	11
9	Mon. 19	13 ·39	17 ·61	12
10	Tues. 20	14 ·36	18 ·61	13
11	Wed. 21	☽ ·31	19 ·59	14
12	Thur. 22	1 ·26	20 ·56	15
13	Fri. 23	2 ·17	21 ·51	16
14	Sat. 24	3 ·07 / 4 ·98	22 ·44	17
15	Sun. 25	5 ·87	23 ·38	18
16	Mon. 26	6 ·77	24 ·31	19
17	Tues. 27	7 ·67	25 ·25	20
18	Wed. 28	8 ·57	26 ·18	21
19	Thur. 29	9 ·49	27 ·12	22
20	Fri. 30	10 ·42	1 ·07	23

Bahudhānya. **Vrishabha—Vaiśākha.** *Śaka* 1679 *Ramaẓān.* **Mithuna—Āni.** *Śaka* 1679 *Shawwāl.*

Naksh:— 1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1758. **Kollam 934,** { **N. Malabar—Sep.** **Hijra 1172.** **Vikrama 1815.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 4.** **Bengal San. 1164.**
P—Paurnimā. **(N. Cycle) Sarvadhārin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Bahudhānya. **Mithuna—Ārdi.** 21	Sat. 1	11 ·36	2 ·03	24
22	Sun. 2	12 ·31	3 ·02	25
23	Mon. 3	13 ·29	4 ·02	26
24	Tues. 4	14 ·28	5 ·04	27
25	Wed. 5	—**A** ·30	6 ·07	28
26	Thur. 6	1 ·34	7 ·13	—29
27	Fri. 7	2 ·40	8 ·22	1
28	Sat. 8	3 ·47	9 ·31	2
29	Sun. 9	4 ·55	10 ·41	3
30	Mon. 10	5 64	11 ·52	4
31	Tues. 11	6 ·71	12 ·62	5
—32	Wed. 12	7 ·78	13 ·73	6
1	Thur. 13	8 ·83	14 ·81	7
2	Fri. 14	9 ·87	15 ·87	8
3	Sat. 15	10 ·87	16 ·91	9
4	Sun. 16	11 ·86	17 ·93	10
5	Mon. 17	12 ·84	18 ·93	11
6	Tues. 18	13 ·78	19 ·92	12
7	Wed. 19	14 ·72	20 ·89	13
8	Thur. ○ 20	**P** ·64	21 ·84	14
9	Fri. 21	1 ·56	22 ·78	15
10	Sat. 22	2 ·46	23 ·72	16
11	Sun. 23	3 ·37	24 ·65	17
12	Mon. 24	4 ·26	25 ·59	18
13	Tues. 25	5 ·15	26 ·52	19
Bahudhānya. **Karkaṭaka—Āśl.** 14	Wed. 26	6 ·06	27 ·45	20
15	Thur. 27	7 ·97	1 ·40	21
16	Fri. 28	8 ·90	2 ·37	22
17	Sat. 29	9 ·83	3 ·35	23
18	Sun. 30	10 ·79	4 ·34	24
19	Mon. 31	11 ·77	5 ·35	25
	Aug.			
Bahudhānya. **Simha—Āvaṇi.** 20	Tues. 1	12 ·75	6 ·39	26
21	Wed. 2	13 ·78	7 ·45	27
22	Thur. 3	14 ·81	8 ·52	28
23	Fri. 4	—**A** ·87	9 ·61	29
24	Sat. 5	1 ·94	10 ·71	—30
25	Sun. 6	2 ·03	11 ·82	1
26	Mon. 7	3 ·11	12 ·93	2
27	Tues. 8	4 ·18	... ...	3
28	Wed. 9	5 ·25	13 ·03	4
29	Thur. 10	6 ·30	14 ·11	5
30	Fri. 11	7 ·34	15 ·18	6
—31	Sat. 12	8 ·36	16 ·23	7
1	Sun. 13	9 ·36	17 ·25	8
2	Mon. 14	10 ·33	18 ·27	9
3	Tues. 15	11 ·28	19 ·25	10
4	Wed. 16	12 ·23	20 ·22	11
5	Thur. 17	13 ·15	21 ·18	12
6	Fri. 18	14 ·06	22 ·12	13
		P ·96		
7	Sat. 19	1 ·86	23 ·06	14
			24 ·99	
8	Sun. 20	2 ·75	25 ·92	15
9	Mon. 21	3 ·66	26 ·85	16
10	Tues. 22	4 ·56	27 ·79	17
11	Wed. 23	5 ·47	1 ·74	18
12	Thur. 24	6 ·40	2 ·70	19
13	Fri. 25	7 ·34	3 ·67	20
14	Sat. 26	8 ·29	4 ·66	21
15	Sun. 27	9 ·27	5 ·67	22
16	Mon. 28	10 ·27	6 ·71	23
17	Tues. 29	11 ·28	7 ·76	24
18	Wed. 30	12 ·32	8 ·83	25
19	Thur. 31	13 ·38	9 ·91	26

Śukla. **Āshādha.** — *Bahula.* **Śrāvaṇa.** — *H.* 1171 *Żī-ḳa'da.* — *H.* 1171 *Żī-ḥijja.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
Bahudhānya. **Siṁha—Āvaṇi.** 20	Fri. 1	14 ·44	... ...	27
21	Sat. 2	—**A** ·53	10 ·01	28
22	Sun. 3	1 ·61	11 ·12	—29
23	Mon. 4	2 ·70	12 ·23	1
24	Tues. 5	3 ·77	13 ·33	2
25	Wed. 6	4 ·83	14 ·42	3
26	Thur. 7	5 ·85	15 ·49	4
27	Fri. 8	6 ·87	16 ·54	5
28	Sat. 9	7 ·87	17 ·58	6
29	Sun. 10	8 ·84	18 ·59	7
30	Mon. 11	9 ·81	19 ·58	8
31	Tues. 12	10 ·74	20 **55**	9
1	Wed. 13	11 ·67	21 ·51	10
2	Thur. 14	12 ·58	22 ·47	11
3	Fri. 15	13 ·48	23 ·40	12
4	Sat. 16	14 ·39	24 ·33	13
5	Sun. 17	**P** ·28	25 ·25	14
6	Mon. 18	1 ·18	26 ·19	15
7	Tues. 19	2 ·08	27 ·14	16
8	Wed. 20	3 ·00	1 ·08	17
9	Thur. 21	4 ·93	2 ·03	18
10	Fri. 22	5 ·87	3 ·00	19
11	Sat. 23	6 ·82	4 ·98	20
12	Sun. 24	7 ·80	5 ·99	21
13	Mon. 25	8 ·80	... ...	22
14	Tues. 26	9 ·81	6 ·02	23
15	Wed. 27	10 ·86	7 ·07	24
16	Thur. 28	11 ·91	8 ·13	25
17	Fri. 29	12 ·99	9 ·21	26
18	Sat. 30	.. ...	10 ·31	27
	Oct.	13 ·07	11 ·42	
Bahudhānya. **Tulā—Aippaśi.** 19	Sun. 1	14 ·15	12 ·53	28
20	Mon. 2	—**A** ·24	13 ·63	29
21	Tues. 3	1 ·31	14 ·72	—30
22	Wed. 4	2 ·37	15 ·80	1
23	Thur. 5	3 ·40	16 ·86	2
24	Fri. 6	4 ·42	17 ·90	3
25	Sat. 7	5 ·42	18 ·91	4
26	Sun. 8	6 ·39	19 ·91	5
27	Mon. 9	7 ·36	20 ·88	6
28	Tues. 10	8 ·30	21 ·85	7
29	Wed. 11	9 ·23	22 ·80	8
30	Thur. 12	10 ·14	23 ·74	9
—31	Fri. 13	11 ·05	24 ·67	10
1	Sat. 14	12 ·95	25 ·60	11
2	Sun. 15	13 ·85	26 ·54	12
3	Mon. 16	14 ·75	27 ·47	13
4	Tues. 17	**P** ·65	1 ·41	14
5	Wed. 18	1 ·57	2 ·36	15
6	Thur. 19	2 ·50	3 ·33	16
7	Fri. 20	3 ·45	4 ·31	17
8	Sat. 21	4 ·39	5 ·32	18
9	Sun. 22	5 ·38	6 ·34	19
10	Mon. 23	6 ·38	7 ·38	20
11	Tues. 24	7 ·39	8 ·44	21
12	Wed. 25	8 ·44	9 ·52	22
13	Thur. 26	9 ·50	10 ·62	23
14	Fri. 27	10 ·57	11 ·72	24
15	Sat. 28	11 ·65	12 ·83	25
16	Sun. 29	12 ·74	13 ·93	26
17	Mon. 30	13 ·82	... ...	27
18	Tues. 31	14 ·90	14 ·03	28
		—**A** ·96		

Sukla. **Bhādrapada.** — *Bahula.* **Āśvina.** — *H.* 1172 *Muḥarram.* — *H.* 1172 *Ṣafar.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
Bahudhānya. **Tulā—Aippaśi.** 19	Wed. 1	1 ·99	15 ·11	—29
20	Thur. 2	... ...	16 ·16	1
21	Fri. 3	2 ·02	17 ·21	2
22	Sat. 4	3 ·01	18 ·23	3
		4 ·99		
23	Sun. 5	5 ·96	19 ·23	4
24	Mon. 6	6 ·90	20 ·22	5
25	Tues. 7	7 ·82	21 ·18	6
26	Wed. 8	8 ·73	22 ·14	7
27	Thur. 9	9 ·64	23 ·08	8
28	Fri. 10	10 ·55	24 ·01	9
			25 ·94	
29	Sat. 11	11 ·45	26 ·88	10
—30	Sun. 12	12 ·35	27 ·81	11
1	Mon. 13	13 ·26	1 ·75	12
2	Tues. 14	14 ·17	2 ·70	13
3	Wed. 15	**P** ·11	3 ·66	14
4	Thur. 16	1 ·05	4 ·64	15
5	Fri. 17	2 ·00	5 ·64	16
		3 ·99		
6	Sat. 18	4 ·99	6 ·65	17
7	Sun. 19	... ...	7 ·69	18
8	Mon. 20	5 ·01	8 ·74	19
9	Tues. 21	6 ·05	9 ·83	20
10	Wed. 22	7 ·12	10 ·92	21
11	Thur. 23	8 ·20	... ...	22
12	Fri. 24	9 ·28	11 ·02	23
13	Sat. 25	10 ·37	12 ·13	24
14	Sun. 26	11 ·45	13 ·23	25
15	Mon. 27	12 ·53	14 ·34	26
16	Tues 28	13 ·58	15 ·42	27
17	Wed. 29	14 ·63	16 ·48	28
18	Thur. 30	—**A** ·64	17 ·53	29
	Dec.			
Bahudhānya. **Vṛśchika—Kārttigai.** 19	Fri. 1	1 ·64	18 ·55	—30
20	Sat. 2	2 ·62	19 ·57	1
21	Sun. 3	3 ·57	20 ·55	2
22	Mon. 4	4 ·51	21 ·52	3
23	Tues. 5	5 ·44	22 ·47	4
24	Wed. 6	6 ·37	23 ·41	5
25	Thur. 7	7 ·27	24 ·35	6
26	Fri. 8	8 ·17	25 ·29	7
27	Sat. 9	9 ·08	26 ·22	8
		10 ·97		
28	Sun. 10	11 ·88	27 ·15	9
—29	Mon. 11	12 ·80	1 ·08	10
1	Tues. 12	13 ·74	2 ·03	11
2	Wed. 13	14 ·68	3 ·00	12
			4 ·97	
3	Thur. 14	**P** ·65	5 ·96	13
4	Fri. 15	1 ·63	6 ·97	14
5	Sat. 16	2 ·62	... ...	15
6	Sun. 17	3 ·65	7 ·00	16
7	Mon. 18	4 ·70	8 ·06	17
8	Tues. 19	5 ·77	9 ·13	18
9	Wed. 20	6 ·84	10 ·22	19
10	Thur. 21	7 ·93	11 ·32	20
11	Fri. 22	... ...	12 ·42	21
12	Sat. 23	8 ·02	13 ·54	22
13	Sun. 24	9 ·10	14 ·64	23
14	Mon. 25	10 ·17	15 ·72	24
15	Tues. 26	11 ·23	16 ·79	25
16	Wed. 27	12 ·27	17 ·84	26
17	Thur. 28	13 ·28	18 ·87	27
18	Fri. 29	14 ·29	19 ·89	28
19	Sat. ● 30	—**A** ·26	20 ·88	—29
20	Sun. 31	1 ·21	21 ·85	1

Śukla. **Kārttika.** — *Bahula.* **Mārgaśirsha.** — *H.* 1172 *Rabī-ul awwal.* — *H.* 1172 *Rabī-ul ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1759. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·14.** **Śaka 1681.** **Kaliyuga 4860.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·05.** **(S. Cycle) Pramāthin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
21	Mon.	1	2 ·16	22 ·80	2												
22	Tues.	2	3 ·08	23 ·75	3												
23	Wed.	3	4 ·00 / 5 ·90	24 ·70	4												
24	Thur.	4	*Sukla.* 6 ·81	25 ·63	5												
25	Fri.	5	7 ·71	26 ·56	6												
26	Sat.	6	8 ·62	27 ·49	7												
27	Sun.	7	9 ·53	1 ·42	8												
28	Mon.	8	10 ·44	2 ·37	9												
—29	Tues.	9	11 ·38	3 ·33	10												
1	Wed.	10	12 ·32	4 ·30	11												
2	Thur.	11	13 ·29	5 ·28	12												
3	Fri.	12	14 ·27	6 ·29	13												
4	Sat. ○	13	P ·28	7 ·32	14												
5	Sun.	14	1 ·30	8 ·37	15												
6	Mon.	15	2 ·34	9 ·44	16												
7	Tues.	16	3 ·41	10 ·52	17												
8	Wed.	17	4 ·50	11 ·62	18												
9	Thur.	18	5 ·59	12 ·73	19												
10	Fri.	19	6 ·68	13 ·84	20												
11	Sat.	20	7 ·76	14 ·94	21												
12	Sun.	21	8 ·83	... ...	22												
13	Mon.	22	9 ·88	15 ·03	23												
14	Tues.	23	10 ·92	16 ·10	24												
15	Wed.	24	11 ·93	17 ·15	25												
16	Thur.	25	12 ·93	18 ·20	26												
17	Fri.	26	13 ·90	19 ·21	27												
18	Sat.	27	14 ·87	20 ·20	28												
19	Sun.	28	—A ·80	21 ·18	29												
20	Mon.	29	1 ·72	22 ·14	—30												
21	Tues.	30	2 ·63	23 ·10	1												
22	Wed.	31	3 ·54	24 ·03 / 25 ·96	2												
		Feb.						**April.**						**June.**			
23	Thur.	1	4 ·44	26 ·89	3	22	Sun.	1	4 ·27	3 ·33	3	22	Fri.	1	6 ·15	... ...	5
24	Fri.	2	5 ·34	27 ·82	4	23	Mon.	2	5 ·19	4 ·28	4	23	Sat.	2	7 ·19	10 ·05	6
25	Sat.	3	6 ·25	1 ·77	5	24	Tues.	3	6 ·15	5 ·27	5	24	Sun.	3	8 ·26	11 ·13	7
26	Sun.	4	*Sukla.* 7 ·16	2 ·71	6	25	Wed.	4	7 ·11	6 ·26	6	25	Mon.	4	9 ·33	12 ·22	8
27	Mon.	5	8 ·08	3 ·66	7	26	Thur.	5	*Sukla.* 8 ·10	7 ·27	7	26	Tues.	5	*Sukla.* 10 ·41	13 ·33	9
28	Tues.	6	9 ·01 / 10 ·95	4 ·63	8	27	Fri.	6	9 ·10	8 ·30	8	27	Wed.	6	11 ·50	14 ·44	10
29	Wed.	7	11 ·93	5 ·61	9	28	Sat.	7	10 ·13	9 ·35	9	28	Thur.	7	12 ·58	15 ·55	11
—30	Thur.	8	12 ·91	6 ·61	10	29	Sun.	8	11 ·17	10 ·44	10	29	Fri.	8	13 ·65	16 ·64	12
1	Fri.	9	13 ·92	7 ·64	11	—30	Mon.	9	12 ·23	11 ·53	11	30	Sat.	9	14 ·69	17 ·71	13
2	Sat.	10	14 ·94	8 ·67	12	1	Tues.	10	13 ·31	12 ·63	12	—31	Sun.	10	P ·72	18 ·77	14
3	Sun.	11	P ·99	9 ·74	13	2	Wed.	11	14 ·39	13 ·73	13	1	Mon.	11	1 ·73	19 ·82	15
4	Mon.	12	... ...	10 ·82	14	3	Thur.	12	P ·48	14 ·84	14	2	Tues.	12	2 ·71	20 ·83	16
5	Tues.	13	1 ·06	11 ·92	15	4	Fri.	13	1 ·56	15 ·94	15	3	Wed.	13	3 ·68	21 ·83	17
6	Wed.	14	2 ·14	... ...	16	5	Sat.	14	2 ·63	... ...	16	4	Thur.	14	4 ·64	22 ·80	18
7	Thur.	15	3 ·22	12 ·03	17	6	Sun.	15	3 ·68	16 ·03	17	5	Fri.	15	5 ·56	23 ·77	19
8	Fri.	16	4 ·30	13 ·14	18	7	Mon.	16	4 ·71	17 ·10	18	6	Sat.	16	6 ·48	24 ·73	20
9	Sat.	17	5 ·39	14 ·24	19	8	Tues.	17	5 ·72	18 ·14	19	7	Sun.	17	7 ·40	25 ·66	21
10	Sun.	18	6 ·47	15 ·38	20	9	Wed.	18	6 ·70	19 ·17	20	8	Mon.	18	8 ·30	26 ·60	22
11	Mon.	19	7 ·52	16 ·41	21	10	Thur.	19	7 ·67	20 ·19	21	9	Tues.	19	9 ·19	27 ·53	23
12	Tues.	10	8 ·55	17 ·48	22	11	Fri.	20	8 ·62	21 ·17	22	10	Wed.	20	10 ·09 / 11 ·99	1 ·46	24
13	Wed.	21	9 ·57	18 ·51	23	12	Sat.	21	9 ·57	22 ·14	23						
14	Thur.	22	10 ·55	19 ·53	24	13	Sun.	22	10 ·48	23 ·10	24	11	Thur.	21	12 ·89	2 ·40	25
15	Fri.	23	11 ·52	20 ·53	25	14	Mon.	23	11 ·39	24 ·04 / 25 ·98	25	12	Fri.	22	13 ·81	3 ·34	26
16	Sat.	24	12 ·48	21 ·51	26	15	Tues.	24	12 ·29	26 ·92	26	13	Sat.	23	14 ·73	4 ·29	27
17	Sun.	25	13 ·41	22 ·48	27	16	Wed.	25	13 ·18	27 ·85	27	14	Sun.	24	—A ·67	5 ·25	28
18	Mon.	26	14 ·34	23 ·43	28							15	Mon.	25	1 ·63	6 ·23	—29
19	Tues.	27	—A ·25	24 ·37	—29	17	Thur.	26	14 ·09 / A ·99	1 ·78	28	16	Tues.	26	2 ·61	7 ·24	1
20	Wed.	28	1 ·16	25 ·30	1	18	Fri.	27	1 ·90	2 ·72	—29	17	Wed.	27	3 ·62	8 ·26	2
						19	Sat.	28	2 ·81	3 ·66	1	18	Thur.	28	4 ·63	9 ·29	3
						20	Sun.	29	3 ·74	4 ·63	2	19	Fri.	29	*Sukla.* 5 ·68	10 ·35	4
						21	Mon.	30	4 ·68	5 ·60	3	20	Sat.	30	6 ·73	11 ·43	5

Bahudhānya. **Makara—Tai.** *H.* 1172 *Jamāda'l awwal.* *Bahudhānya.* **Kumbha—Māśi.** *H.* 1172 *Rajab.* *Pramāthin.* **Vrishabha—Vaigāśi.** *H.* 1172 *Ramazān.*

Bahudhānya. **Kumbha—Māśi.** *H.* 1172 *Jamāda'l ākhir.* *Bahudhānya.* **Mīna—Paṅguni.** *H.* 1172 *Śha'bān.* *Pramāthin.* **Mēsha—Chittirai.** *H.* 1172 *Shawwal.* *Pramāthin.* **Mithuna—Āni.**

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1759. **Kollam 935,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1173.** **Vikrama 1816.**
A—Amāvāsyā. Commences Commences **Aug. 25.** **Bengal San. 1165.**
P—Paurnimā. **(N. Cycle) Virodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Sun.	1	7 ·80	12 ·52	6	20	Sat.	1	9 ·17	19 ·76	8	19	Thur.	1	11 ·11	25 ·36	10
22	Mon.	2	8 ·88	13 ·64	7	21	Sun.	2	10 ·20	20 ·79	9	20	Fri.	2	12 ·02 / 13 ·92	26 ·30	11
23	Tues.	3	9 ·97	14 ·74	8	22	Mon.	3	11 ·18	21 ·81	10	21	Sat.	3	14 ·83	27 ·23	12
24	Wed.	4	... ...	15 ·85	9	23	Tues.	4	12 ·16	22 ·80	11	22	Sun.	4	P ·73	1 ·16	13
25	Thur.	5	10 ·05	16 ·94	10	24	Wed.	5	13 ·12	23 ·77	12	23	Mon.	5	1 ·64	2 ·09	14
26	Fri.	6	11 ·11	... ...	11	25	Thur.	6	14 ·06 / P ·98	24 ·73	13	24	Tues.	6	2 ·54	3 ·08 / 4 ·97	15
27	Sat.	7	12 ·17	17 ·02	12							25	Wed.	7	3 ·46	5 ·92	16
28	Sun.	8	13 ·20	18 ·09	13	26	Fri.	7	1 ·87	25 ·67	14	26	Thur.	8	4 ·39	6 ·88	17
29	Mon.	9	14 ·20	19 ·13	14	27	Sat.	8	2 ·78	26 ·61	15	27	Fri.	9	5 ·33	7 ·85	18
30	Tues.	10	P ·19	20 ·15	15	28	Sun.	9	3 ·68	27 ·55	16	28	Sat.	10	6 ·30	8 ·86	19
31	Wed.	11	1 ·16	21 ·15	16	29	Mon.	10	4 ·58	1 ·48	17	29	Sun.	11	7 ·28	9 ·87	20
—32	Thur.	12	2 ·11	22 ·13	17	30	Tues.	11	5 ·48	2 ·41	18	—30	Mon.	12	8 ·29	10 ·91	21
1	Fri.	13	3 ·04 / 4 ·97	23 ·11	18	—31	Wed.	12	6 ·40	3 ·35	19	1	Tues.	13	9 ·30	11 ·96	22
2	Sat.	14	5 ·88	24 ·06	19	1	Thur.	13	7 ·31	4 ·29	20	2	Wed.	14	10 ·35	... ...	23
3	Sun.	15	6 ·78	25 ·00 / 26 ·93	20	2	Fri.	14	8 ·24	5 ·25	21	3	Thur.	15	11 ·42	12 ·04	24
4	Mon.	16	7 ·67	27 ·86	21	3	Sat.	15	9 ·18	6 ·22	22	4	Fri.	16	12 ·49	13 ·14	25
5	Tues.	17	8 ·57	1 ·80	22	4	Sun.	16	10 ·13	7 ·20	23	5	Sat.	17	13 ·58	14 ·24	26
6	Wed.	18	9 ·46	2 ·74	23	5	Mon.	17	11 ·12	8 ·21	24	6	Sun.	18	14 ·66	15 ·35	27
7	Thur.	19	10 ·37	3 ·67	24	6	Tues.	18	12 ·12	9 ·23	25	7	Mon.	19	—A ·76	16 ·45	28
8	Fri.	20	11 ·29	4 ·62	25	7	Wed.	19	13 ·13	10 ·29	26	8	Tues.	20	1 ·82	17 ·55	29
9	Sat.	21	12 ·21	5 ·58	26	8	Thur.	20	14 ·17	11 ·35	27	9	Wed.	21	2 ·88	18 ·63	—30
10	Sun.	22	13 ·15	6 ·56	27	9	Fri.	21	—A ·22	12 ·43	28	10	Thur.	22	3 ·92	19 ·69	1
11	Mon.	23	14 ·11	7 ·56	28	10	Sat.	22	1 ·30	13 ·53	29	11	Fri.	23	4 ·94	20 ·75	2
12	Tues.	24	—A ·09	8 ·57	29	11	Sun.	23	2 ·38	14 ·64	—30	12	Sat.	24	5 ·93	21 ·77	3
13	Wed.	25	1 ·09	9 ·61	—30	12	Mon.	24	3 ·47	15 ·75	1	13	Sun.	25	6 ·90	22 ·77	4
14	Thur.	26	2 ·11	10 ·66	1	13	Tues.	25	4 ·55	16 ·85	2	14	Mon.	26	7 ·86	23 ·76	5
15	Fri.	27	3 ·15	11 ·73	2	14	Wed.	26	5 ·63	17 ·94	3	15	Tues.	27	8 ·80	24 ·74	6
16	Sat.	28	4 ·20	12 ·83	3	15	Thur.	27	6 ·68	... ...	4	16	Wed.	28	9 ·73	25 ·69	7
17	Sun.	29	5 ·28	13 ·93	4	16	Fri.	28	7 ·72	18 ·02	5	17	Thur.	29	10 ·64	26 ·63	8
18	Mon.	30	6 ·36	... ...	5	17	Sat.	29	8 ·74	19 ·08	6	18	Fri.	30	11 ·54	27 ·57	9
19	Tues.	31	7 ·45	14 ·04	6	18	Sun.	30	9 ·72	20 ·13	7						
	Aug.						**Oct.**						**Dec.**				
20	Wed.	1	8 ·51	15 ·14	7	19	Mon.	1	10 ·70	21 ·13	8	19	Sat.	1	12 ·46	1 ·50	10
21	Thur.	2	9 ·58	16 ·24	8	20	Tues.	2	11 ·67	22 ·12	9	20	Sun.	2	13 ·35	2 ·44	11
22	Fri.	3	10 ·64	17 ·34	9	21	Wed.	3	12 ·60	23 ·10	10	21	Mon.	3	14 ·26	3 ·37	12
23	Sat.	4	11 ·68	18 ·40	10	22	Thur.	4	13 ·52	24 ·06	11	22	Tues.	4	P ·16	4 ·30	13
24	Sun.	5	12 ·69	19 ·45	11	23	Fri.	5	14 ·43	25 ·01 / 26 ·96	12	23	Wed.	5	1 ·08	5 ·25	14
25	Mon.	6	13 ·67	20 ·47	12							24	Thur.	6	2 ·01 / 3 ·96	6 ·21	15
26	Tues.	7	14 ·65	21 ·48	13	24	Sat.	6	P ·33	27 ·89	13						
27	Wed.	8	P ·60	22 ·47	14	25	Sun.	7	1 ·24	1 ·82	14	25	Fri.	7	4 ·93	7 ·19	16
28	Thur.	9	1 ·53	23 ·44	15	26	Mon.	8	2 ·14	2 ·75	15	26	Sat.	8	5 ·91	8 ·18	17
29	Fri.	10	2 ·46	24 ·39	16	27	Tues.	9	3 ·04 / 4 ·95	3 ·68	16	27	Sun.	9	6 ·92	9 ·19	18
30	Sat.	11	3 ·37	25 ·34	17	28	Wed.	10	5 ·87	4 ·63	17	28	Mon.	10	7 ·94	10 ·22	19
—31	Sun.	12	4 ·27	26 ·27	18	29	Thur.	11	6 ·80	5 ·58	18	—29	Tues.	11	... ...	11 ·27	20
1	Mon.	13	5 ·17	27 ·21	19	30	Fri.	12	7 ·74	6 ·55	19	1	Wed.	12	8 ·00	12 ·34	21
2	Tues.	14	6 ·07 / 7 ·96	1 ·13	20	—31	Sat.	13	8 ·70	7 ·53	20	2	Thur.	13	9 ·06	13 ·44	22
3	Wed.	15	8 ·87	2 ·07	21	1	Sun.	14	9 ·68	8 ·53	21	3	Fri.	14	10 ·14	14 ·54	23
4	Thur.	16	9 ·79	3 ·01 / 4 ·96	22	2	Mon.	15	10 ·68	9 ·56	22	4	Sat.	15	11 ·23	15 ·64	24
5	Fri.	17	10 ·71	5 ·91	23	3	Tues.	16	11 ·70	10 ·60	23	5	Sun.	16	12 ·32	16 ·75	25
6	Sat.	18	11 ·64	6 ·89	24	4	Wed.	17	12 ·74	11 ·66	24	6	Mon.	17	13 ·40	17 ·85	26
7	Sun.	19	12 ·60	7 ·88	25	5	Thur.	18	13 ·80	12 ·74	25	7	Tues.	18	14 ·47	18 ·94	27
8	Mon.	20	13 ·59	8 ·89	26	6	Fri.	19	14 ·87	13 ·83	26	8	Wed.	19	—A ·53	... ...	28
9	Tues.	21	14 ·59	9 ·92	27	7	Sat.	20	—A ·96	14 ·94	27	9	Thur.	20	1 ·56	19 ·01	—29
10	Wed.	22	—A ·61	10 ·97	28	8	Sun.	21	... ...	... ...	28	10	Fri.	21	2 ·58	20 ·06	1
11	Thur.	23	1 ·64	... ...	29	9	Mon.	22	1 ·05	15 ·05	—29	11	Sat.	22	3 ·57	21 ·09	2
12	Fri.	24	2 ·69	11 ·05	—30	10	Tues.	23	2 ·14	16 ·15	1	12	Sun.	23	4 ·54	22 ·10	3
13	Sat.	25	3 ·77	12 ·13	1	11	Wed.	24	3 ·21	17 ·25	2	13	Mon.	24	5 ·50	23 ·10	4
14	Sun.	26	4 ·85	13 ·23	2	12	Thur.	25	4 ·26	18 ·32	3	14	Tues.	25	6 ·44	24 ·07	5
15	Mon.	27	5 ·94	14 ·34	3	13	Fri.	26	5 ·30	19 ·38	4	15	Wed.	26	7 ·37	25 ·02 / 26 ·97	6
16	Tues.	28	... ...	15 ·44	4	14	Sat.	27	6 ·32	20 ·43	5	16	Thur.	27	8 ·27	27 ·90	7
17	Wed.	29	6 ·02	16 ·55	5	15	Sun.	28	7 ·31	21 ·45	6	17	Fri.	28	9 ·18	1 ·85	8
18	Thur.	30	7 ·10	17 ·64	6	16	Mon.	29	8 ·28	22 ·45	7	18	Sat.	29	10 ·09 / 11 ·99	2 ·78	9
19	Fri.	31	8 ·14	18 ·71	7	17	Tues.	30	9 ·25	23 ·43	8	19	Sun.	30	12 ·89	3 ·71	10
						18	Wed.	31	10 ·19	24 ·39	9	20	Mon.	31	13 ·80	4 ·64	11

Pramāthin. **Mithuna—Āṣāḍha.** *Bahula.* *Śukla.* *Bahula.* *H.* 1172 *Ziḥ-ḥijja.*

Pramāthin. **Karkaṭaka—Āḍi.** *Śukla.* *Bahula.* *H.* 1172 *Ziḥ-ḥijja.*

Pramāthin. **Kanyā—Puraṭṭāśi.** *Śukla.* *Bahula.* *H.* 1173 *Muḥarram.*

Pramāthin. **Siṁha—Āvaṇi.** *Śukla.* *Bahula.* *H.* 1173 *Ṣafar.*

Pramāthin. **Tulā—Aippaśi.** *Śukla.* *Bahula.* *H.* 1173 *Rabī-ul awwal.*

Pramāthin. **Vṛiśchika—Kārttigai.** *Śukla.* *Bahula.* *H.* 1173 *Rabī-ul ākhir.*

Pramāthin. **Dhanus—Mārgali.** *Śukla.* *Bahula.* *H.* 1173 *Jamāda'l awwal.*

Pramāthin. **Mārgaśirsha.** *Śukla.* *Bahula.* *H.* 1173 *Jamāda'l ākhir.*

Pramāthin. **Kārttika.** *Bahula.* *H.* 1173 *Rabī-ul awwal.*

16. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1760. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·39.** **Śaka 1682.** **Kaliyuga 4861.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·29.** **(S. Cycle) Vikrama.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Tues.	1	*Pausha.* 14 ·73	5 ·58	12	22	Sat.	1	**P** ·82	10 ·17	13	23	Thur.	1	1 ·25	16 ·25	15
22	Wed.	2	**P** ·65	6 ·55	13	23	Sun.	2	1 ·86	11 ·21	14	24	Fri.	2	2 ·32	17 ·36	16
23	Thur.	3	1 ·60	7 ·52	14	24	Mon.	3	2 ·90	12 ·27	15	25	Sat.	3	3 ·40	18 ·46	17
24	Fri.	4	2 ·57	8 ·50	15	25	Tues.	4	3 ·97	13 ·34	16	26	Sun.	4	4 ·47	19 ·55	18
25	Sat.	5	3 ·56	9 ·51	16	26	Wed.	5	... ...	14 ·44	17	27	Mon.	5	5 ·53	20 ·63	19
26	Sun.	6	4 ·56	10 ·53	17	27	Thur.	6	4 ·05	15 ·55	18	28	Tues.	6	6 ·55	21 ·68	20
27	Mon.	7	5 ·59	11 ·58	18	28	Fri.	7	5 ·14	16 ·65	19	29	Wed.	7	7 ·56	22 ·71	21
28	Tues.	8	6 ·64	12 ·66	19	29	Sat.	8	6 ·23	17 ·76	20	30	Thur.	8	8 ·54	23 ·72	22
29	Wed.	9	*Bahula.* 7 ·70	13 ·74	20	—30	Sun.	9	*Bahula.* 7 ·31	18 ·85	21	—31	Fri.	9	*Bahula.* 9 ·51	24 ·72	23
—30	Thur.	10	8 ·78	14 ·84	21	1	Mon.	10	8 ·37	19 ·94	22	1	Sat.	10	10 ·46	25 ·69	24
1	Fri.	11	9 ·87	15 ·94	22	2	Tues.	11	9 ·42	... ...	23	2	Sun.	11	11 ·38	26 ·65	25
2	Sat.	12	10 ·96	... ...	23	3	Wed.	12	10 ·46	20 ·01	24	3	Mon.	12	12 ·30	27 ·60	26
3	Sun.	13	... ...	16 ·05	24	4	Thur.	13	11 ·46	21 ·05	25	4	Tues.	13	13 ·21	1 ·54	27
4	Mon.	14	11 ·05	17 ·16	25	5	Fri.	14	12 ·45	22 ·07	26	5	Wed.	14	14 ·12	2 ·48	28
5	Tues.	15	12 ·11	18 ·25	26	6	Sat.	15	13 ·41	23 ·07	27	6	Thur.	15	**A** ·01	3 ·41	29
6	Wed.	16	13 ·17	19 ·32	27	7	Sun.	16	14 ·36	24 ·06	28				1 ·90		
7	Thur.	17	14 ·20	20 ·38	28	8	Mon.	17	--**A** ·30	25 ·02	29	7	Fri.	16	2 ·81	4 ·34	—30
8	Fri.	18	--**A** ·23	21 ·41	29					26 ·98		8	Sat.	17	3 ·71	5 ·27	1
9	Sat.	19	1 ·21	22 ·43	—30	9	Tues.	18	1 ·21	27 ·93	—30	9	Sun.	18	4 ·63	6 ·21	2
10	Sun.	20	2 ·19	23 ·42	1	10	Wed.	19	2 ·13	1 ·86	1	10	Mon.	19	5 ·56	7 ·18	3
11	Mon.	21	3 ·15	24 ·40	2	11	Thur.	20	3 ·04	2 ·79	2	11	Tues.	20	6 ·51	8 ·14	4
12	Tues.	22	4 ·09	25 ·36	3				4 ·93			12	Wed.	21	7 ·47	9 ·13	5
13	Wed.	23	5 ·00	26 ·30	4	12	Fri.	21	*Sukla.* 5 ·83	3 ·72	3	13	Thur.	22	8 ·46	10 ·13	6
			6 ·90			13	Sat.	22	6 ·74	4 ·66	4	14	Fri.	23	9 ·46	11 ·15	7
14	Thur.	24	*Sukla.* 7 ·82	27 ·25	5	14	Sun.	23	7 ·65	5 ·60	5	15	Sat.	24	10 ·47	12 ·19	8
15	Fri.	25	8 ·72	1 ·18	6	15	Mon.	24	8 ·56	6 ·55	6	16	Sun.	25	11 ·53	13 ·27	9
16	Sat.	26	9 ·62	2 ·11	7	16	Tues.	25	9 ·50	7 ·50	7	17	Mon.	26	12 ·59	14 ·35	10
				3 ·04		17	Wed.	26	10 ·45	8 ·48	8	18	Tues.	27	13 ·67	15 ·44	11
17	Sun.	27	10 ·53	4 ·98	8	18	Thur.	27	11 ·42	9 ·48	9	19	Wed.	28	14 ·75	16 ·55	12
18	Mon.	28	11 ·44	5 ·92	9	19	Fri.	28	12 ·40	10 ·49	10	20	Thur. ○	29	**P** ·84	17 ·65	13
19	Tues.	29	12 ·36	6 ·88	10	20	Sat.	29	13 ·41	11 ·52	11	21	Fri.	30	1 ·91	18 ·76	14
20	Wed.	30	13 ·29	7 ·85	11	21	Sun.	30	14 ·44	12 ·58	12	22	Sat.	31	2 ·96	19 ·86	15
21	Thur.	31	14 ·25	8 ·83	12	22	Mon.	31	*Chaitra.* **P** ·48	13 ·65	13						
	Feb.						**April.**						**June.**				
22	Fri.	1	*Māgha.* **P** ·21	9 ·83	13	23	Tues.	1	1 ·56	14 ·75	14	23	Sun.	1	... ...	20 ·93	16
23	Sat.	2	1 ·20	10 ·85	14	24	Wed.	2	2 ·63	15 ·85	15	24	Mon.	2	3 ·01	21 ·99	17
24	Sun.	3	2 ·20	11 ·90	15	25	Thur.	3	3 ·72	16 ·95	16	25	Tues.	3	4 ·04	... ...	18
25	Mon.	4	3 ·24	12 ·96	16	26	Fri.	4	4 ·80	... ...	17	26	Wed.	4	5 ·06	22 ·03	19
26	Tues.	5	4 ·29	... ...	17	27	Sat.	5	*Bahula.* 5 ·88	17 ·06	18	27	Thur.	5	*Bahula.* 6 ·03	23 ·05	20
27	Wed.	6	5 ·36	13 ·04	18	28	Sun.	6	6 ·94	18 ·16	19	28	Fri.	6	7 ·01	24 ·04	21
28	Thur.	7	6 ·43	14 ·14	19	29	Mon.	7	7 ·99	19 ·24	20				8 ·95		
—29	Fri.	8	*Bahula.* 7 ·52	15 ·24	20	—30	Tues.	8	... ...	20 ·31	21	29	Sat.	7	9 ·89	25 ·02	22
1	Sat.	9	8 ·61	16 ·36	21	1	Wed.	9	8 ·03	21 ·36	22					26 ·99	
2	Sun.	10	9 ·69	17 ·46	22	2	Thur.	10	9 ·02	22 ·39	23	30	Sun.	8	10 ·80	27 ·93	23
3	Mon.	11	10 ·76	18 ·55	23				10 ·01			31	Mon.	9	11 ·71	1 ·88	24
4	Tues.	12	11 ·81	19 ·63	24	3	Fri.	11	11 ·97	23 ·40	24	—32	Tues.	10	12 ·61	2 ·82	25
5	Wed.	13	12 ·85	20 ·69	25	4	Sat.	12	12 ·93	24 ·38	25	1	Wed.	11	13 ·51	3 ·75	26
6	Thur.	14	13 ·86	21 ·74	26	5	Sun.	13	13 ·86	25 ·35	26	2	Thur.	12	14 ·41	4 ·68	27
7	Fri.	15	14 ·84	22 ·75	27	6	Mon.	14	14 ·78	26 ·32	27	3	Fri. ●	13	—**A** ·31	5 ·61	28
8	Sat.	16	--**A** ·82	23 ·75	28	7	Tues.	15	--**A** ·69	27 ·26	28	4	Sat.	14	1 ·21	6 ·56	—29
9	Sun.	17	1 ·77	24 ·73	—29	8	Wed.	16	1 ·59	1 ·20	—29	5	Sun.	15	2 ·12	7 ·51	1
10	Mon.	18	2 ·71	25 ·69	1	9	Thur.	17	2 ·48	2 ·13	1	6	Mon.	16	3 ·05	8 ·47	2
11	Tues.	19	3 ·63	26 ·64	2	10	Fri.	18	3 ·39	3 ·07	2				4 ·00		
12	Wed.	20	4 ·54	27 ·59	3					4 ·00		7	Tues.	17	5 ·95	9 ·45	3
13	Thur.	21	5 ·44	1 ·52	4	11	Sat.	19	*Sukla.* 4 ·30	5 ·93	3	8	Wed.	18	6 ·94	10 ·45	4
14	Fri.	22	*Sukla.* 6 ·34	2 ·45	5	12	Sun.	20	5 ·20	6 ·88	4	9	Thur.	19	*Sukla.* 7 ·94	11 ·47	5
15	Sat.	23	7 ·25	3 ·38	6	13	Mon.	21	6 ·11	7 ·83	5	10	Fri.	20	8 ·96	12 ·51	6
16	Sun.	24	8 ·15	4 ·31	7				7 ·04			11	Sat.	21	... ..	13 ·57	7
			9 ·06			14	Tues.	22	8 ·99	8 ·81	6	12	Sun.	22	9 ·00	14 ·65	8
17	Mon.	25	10 ·97	5 ·26	8							13	Mon.	23	10 ·06	15 ·74	9
18	Tues.	26	11 ·91	6 ·21	9	15	Wed.	23	9 ·96	9 ·80	7	14	Tues.	24	11 ·13	16 ·85	10
19	Wed.	27	*Phal.* 12 ·86	7 ·17	10	16	Thur.	24	10 ·94	10 ·81	8	15	Wed.	25	12 ·21	17 ·96	11
20	Thur.	28	13 ·83	8 ·15	11	17	Fri.	25	11 ·95	11 ·84	9	16	Thur.	26	13 ·30	.. ...	12
21	Fri.	29	14 ·82	9 ·15	12	18	Sat.	26	12 ·98	12 ·88	10	17	Fri.	27	14 ·38	18 ·07	13
						19	Sun.	27	... ...	13 ·96	11	18	Sat.	28	**P** ·45	19 ·16	14
						20	Mon.	28	13 ·03	... ...	12	19	Sun.	29	1 ·49	20 ·24	15
						21	Tues.	29	14 ·08	14 ·05	13	20	Mon.	30	2 ·52	21 ·30	16
						22	Wed.	30	*Vaiśākha.* **P** ·16	15 ·14	14						

Pramāthin. **Makara—Tai.** *H.* 1173 *Jamāda'l awwal.* — *Pramāthin.* **Kumbha—Māsi.** *H.* 1173 *Rajab.* — *Vikrama.* **Mīna—Phālguna.** *H.* 1173 *Sha'bān.* — *Pramāthin.* **Mēsha—Chittirai.** *H.* 1173 *Ramazān.* — *Vikrama.* **Vrishabha—Vaigāsi.** *H.* 1173 *Shawwāl.* — *Vikrama.* **Mithuna—Āni.** *H.* 1173 *Zi-l-Ka'da.* — *Vikrama.* **Kataka—Āvani.** *H.* 1173 *Zi-l-Hijja.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1760. **Kollam 936,** { **N. Malabar—Sep.** **Hijra 1174.** **Vikrama 1817.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Aug. 13.** **Bengal San. 1166.**
P—Paurnimā. **(N. Cycle) Vikṛita.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Vikrama. **Karkataka—Ādi.**	**July.**			
21	Tues. 1	3 ·53	22 ·35	17
22	Wed. 2	4 ·51	23 ·36	18
23	Thur. 3	5 ·49	24 ·37	19
24	Fri. 4	6 ·43	25 ·35	20
25	Sat. 5	7 ·36	26 ·32	21
26	Sun. 6	8 ·28	27 ·28	22
27	Mon. 7	9 ·19	1 ·22	23
28	Tues. 8	10 ·09 *Bahula.* / 11 ·98	2 ·15	24
29	Wed. 9	12 ·89	3 ·08	25
30	Thur. 10	13 ·78	4 ·01 / 5 ·95	26
—31	Fri. 11	14 ·69	6 ·89	27
1	Sat. 12	—**A** ·60	7 ·84	28
2	Sun. 13	1 ·54	8 ·80	29
3	Mon. 14	2 ·47	9 ·78	—30
4	Tues. 15	3 ·43	10 ·77	1
5	Wed. 16	4 ·42	11 ·79	2
6	Thur. 17	5 ·41	12 ·83	3
7	Fri. 18	6 ·44	13 ·88	4
8	Sat. 19	7 ·48	14 ·94	5
9	Sun. 20	8 ·54	... ...	6
10	Mon. 21	9 ·61	15 ·04	7
11	Tues. 22	10 ·70	16 ·15	8
12	Wed. 23	11 ·78	17 ·26	9
13	Thur. 24	12 ·85	18 ·36	10
14	Fri. 25	13 ·92	19 ·46	11
15	Sat. 26	14 ·97	20 ·55	12
16	Sun. 27	... ...	21 ·62	13
17	Mon. 28	P ·01	22 ·67	14
18	Tues. 29	1 ·01	23 ·69	15
19	Wed. 30	2 ·00 / 3 ·97	24 ·70	16
20	Thur. 31	4 ·91	25 ·68	17
Vikrama. **Simha—Āvaṇi.**	**Aug.**			
21	Fri. 1	5 ·85	26 ·66	18
22	Sat. 2	6 ·77 *Bahula.*	27 ·61	19
23	Sun. 3	7 ·68	1 ·56	20
24	Mon. 4	8 ·58	2 ·49	21
25	Tues. 5	9 ·48	3 ·42	22
26	Wed. 6	10 ·38	4 ·35	23
27	Thur. 7	11 ·27	5 ·29	24
28	Fri. 8	12 ·18	6 ·23	25
29	Sat. 9	13 ·09	7 ·17	26
30	Sun. 10	14 ·02 / **A** ·96	8 ·13	27
31	Mon. 11	1 ·93	9 ·10	28
—32	Tues. 12	2 ·90	10 ·10	—29
1	Wed. 13	3 ·91	11 ·11	1
2	Thur. 14	4 ·92	12 ·14	2
3	Fri. 15	5 ·96	13 ·19	3
4	Sat. 16	... ...	14 ·26	4
5	Sun. 17	6 ·03	15 ·35	5
6	Mon. 18	7 ·10	16 ·45	6
7	Tues. 19	8 ·19	17 ·56	7
8	Wed. 20	9 ·27	18 ·66	8
9	Thur. 21	10 ·35	19 ·76	9
10	Fri. 22	11 ·42	20 ·86	10
11	Sat. 23	12 ·46	21 ·93	11
12	Sun. 24	13 ·49	22 ·98	12
13	Mon. 25	14 ·51	... ...	13
14	Tues. 26	P ·50	23 ·01	14
15	Wed. 27	1 ·47	24 ·02	15
16	Thur. 28	2 ·43	25 ·01 / 26 ·99	16
17	Fri. 29	3 ·35	27 ·95	17
18	Sat. 30	4 ·27	1 ·89	18
19	Sun. 31	5 ·19	2 ·83	19

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
20	Mon. 1	6 ·09 *Bahula.* / 7 ·99	3 ·76	20
21	Tues. 2	8 ·89	4 ·70	21
22	Wed. 3	9 ·79	5 ·63	22
23	Thur. 4	10 ·70	6 ·57	23
24	Fri. 5	11 ·62	7 ·51	24
25	Sat. 6	12 ·54	8 ·46	25
26	Sun. 7	13 ·48	9 ·44	26
27	Mon. 8	14 ·44	10 ·42	27
28	Tues. 9	—**A** ·42	11 ·43	28
29	Wed. 10	1 ·43	12 ·45	29
30	Thur. 11	2 ·44	13 ·50	—30
—31	Fri. 12	3 ·49	14 ·57	1
1	Sat. 13	4 ·54 *Sukla.*	15 ·65	2
2	Sun. 14	5 ·62	16 ·75	3
3	Mon. 15	6 ·72	17 ·86	4
4	Tues. 16	7 ·79	18 ·96	5
5	Wed. 17	8 ·87	... ...	6
6	Thur. 18	9 ·94	19 ·07	7
7	Fri. 19	10 ·99	20 ·16	8
8	Sat. 20	... ...	21 ·24	9
9	Sun. 21	11 ·02	22 ·29	10
10	Mon. 22	12 ·04	23 ·33	11
11	Tues. 23	13 ·03	24 ·34	12
12	Wed. 24	14 ·00 / P ·96	25 ·34	13
13	Thur. 25	1 ·89	26 ·32	14
14	Fri. 26	2 ·82	27 ·28	15
15	Sat. 27	3 ·73	1 ·23	16
16	Sun. 28	4 ·64	2 ·17	17
17	Mon. 29	5 ·54	3 ·11	18
18	Tues. 30	6 ·44	4 ·04 / 5 ·97	19
	Oct.			
19	Wed. 1	7 ·33 *Bahula.*	6 ·90	20
20	Thur. 2	8 ·24	7 ·84	21
21	Fri. 3	9 ·16	8 ·80	22
22	Sat. 4	10 ·09	9 ·77	23
23	Sun. 5	11 ·02 / 12 ·99	10 ·75	24
24	Mon. 6	13 ·97	11 ·75	25
25	Tues. 7	14 ·97	12 ·77	26
26	Wed. 8	... ...	13 ·82	27
27	Thur. 9	—**A** ·00	14 ·88	28
28	Fri. 10	1 ·05	15 ·96	—29
29	Sat. 11	2 ·10	... ...	1
—30	Sun. 12	3 ·18	16 ·05	2
1	Mon. 13	4 ·28 *Sukla.*	17 ·15	3
2	Tues. 14	5 ·36	18 ·26	4
3	Wed. 15	6 ·43	19 ·37	5
4	Thur. 16	7 ·51	20 ·47	6
5	Fri. 17	8 ·56	21 ·54	7
6	Sat. 18	9 ·59	22 ·60	8
7	Sun. 19	10 ·62	23 ·64	9
8	Mon. 20	11 ·60	24 ·67	10
9	Tues. 21	12 ·59	25 ·67	11
10	Wed. 22	13 ·54	26 ·65	12
11	Thur. 23	14 ·47	27 ·61	13
12	Fri. 24	P ·40	1 ·56	14
13	Sat. 25	1 ·31	2 ·51	15
14	Sun. 26	2 ·21	3 ·45	16
15	Mon. 27	3 ·11	4 ·38	17
16	Tues. 28	4 ·02 / 5 ·92	5 ·31	18
17	Wed. 29	6 ·83	6 ·24	19
18	Thur. 30	7 ·75	7 ·19	20
19	Fri. 31	8 ·68	8 ·14	21

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
20	Sat. 1	9 ·62 *Bahula.*	9 ·10	22
21	Sun. 2	10 ·58	10 ·07	23
22	Mon. 3	11 ·58	11 ·07	24
23	Tues. 4	12 ·58	12 ·08	25
24	Wed. 5	13 ·60	13 ·13	26
25	Thur. 6	14 ·64	14 ·18	27
26	Fri. 7	—**A** ·70	15 ·26	28
27	Sat. 8	1 ·79	16 ·35	29
28	Sun. 9	2 ·88	17 ·45	—30
29	Mon. 10	3 ·97	18 ·57	1
—30	Tues. 11	... ...	19 ·67	2
1	Wed. 12	4 ·05	20 ·77	3
2	Thur. 13	5 ·12	21 ·85	4
3	Fri. 14	6 ·16 *Sukla.*	22 ·91	5
4	Sat. 15	7 ·21	23 ·97	6
5	Sun. 16	8 ·22	24 ·99	7
6	Mon. 17	9 ·21	25 ·99	8
7	Tues. 18	10 ·19	26 ·98	9
8	Wed. 19	11 ·14	27 ·95	10
9	Thur. 20	12 ·09	1 ·91	11
10	Fri. 21	13 ·01 / 14 ·92	2 ·85	12
11	Sat. ○22	P ·83	3 ·79	13
12	Sun. 23	1 ·73	4 ·72	14
13	Mon. 24	2 ·63	5 ·65	15
14	Tues. 25	3 ·53	6 ·59	16
15	Wed. 26	4 ·45	7 ·52	17
16	Thur. 27	5 ·37	8 ·47	18
17	Fri. 28	6 ·30	9 ·43	19
18	Sat. 29	7 ·24	10 ·40	20
19	Sun. 30	8 ·21	11 ·39	21
	Dec.			
20	Mon. 1	9 ·20	12 ·41	22
21	Tues. 2	10 ·20 *Bahula.*	13 ·44	23
22	Wed. 3	11 ·23	14 ·49	24
23	Thur. 4	12 ·28	15 ·56	25
24	Fri. 5	13 ·35	16 ·65	26
25	Sat. 6	14 ·42	17 ·76	27
26	Sun. 7	—**A** ·51	18 ·86	28
27	Mon. 8	1 ·60	19 ·97	—29
28	Tues. 9	2 ·68	... ...	1
29	Wed. 10	3 ·76	20 ·07	2
—30	Thur. 11	4 ·82	21 ·16	3
1	Fri. 12	5 ·85	22 ·23	4
2	Sat. 13	6 ·86 *Sukla.*	23 ·28	5
3	Sun. 14	7 ·85	24 ·31	6
4	Mon. 15	8 ·83	25 ·32	7
5	Tues. 16	9 ·78	26 ·31	8
6	Wed. 17	10 ·72	27 ·29	9
7	Thur. 18	11 ·64	1 ·24	10
8	Fri. 19	12 ·55	2 ·18	11
9	Sat. 20	13 ·45	3 ·12	12
10	Sun. 21	14 ·36	4 ·05 / 5 ·98	13
11	Mon. 22	P ·26	6 ·92	14
12	Tues. 23	1 ·17	7 ·85	15
13	Wed. 24	2 ·09	8 ·80	16
14	Thur. 25	3 ·01 / 4 ·95	9 ·76	17
15	Fri. 26	5 ·89	10 ·73	18
16	Sat. 27	6 ·84	11 ·72	19
17	Sun. 28	7 ·84 *Bahula.*	12 ·73	20
18	Mon. 29	8 ·85	13 ·75	21
19	Tues. 30	9 ·88	14 ·80	22
20	Wed. 31	10 ·93	15 ·87	23

Vikrama. **Karttika—Mārgaśirsha.** *H.* 1174 *Rabī-ul ākhir.*
Vikrama. **Vṛischika—Dhanus—Mārgaṣi.** *H.* 1174 *Jamādā'l awwal.*

13. Hasta. **14.** Chit. **15.** Svāti. **16.** Viśāk. **17.** Anur. **18.** Jyesh. **19.** Mula. **20.** P. Ash. **21.** U. Ash. **22.** Śrav. **23.** Dhani. **24.** Śatab.

A.D. 1761. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·65.** **Śaka 1683.** **Kaliyuga 4862.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·55.** **(S. Cycle) Vṛisha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
21	Thur. 1	... ...	16 ·96	24	22	Sun. 1	10 ·53	20 ·98	24	22	Fri. 1	12 ·85	26 ·94	26
22	Fri. 2	11 ·00	... ...	25	23	Mon. 2	11 ·61	... ...	25	23	Sat. 2	13 ·83	27 ·93	27
23	Sat. 3	12 ·08	17 ·06	26	24	Tues. 3	12 ·67	21 ·07	26	24	Sun. 3	14 ·77	1 ·91	28
24	Sun. 4	13 ·17	18 ·16	27	25	Wed. 4	13 ·73	22 ·16	27	25	Mon. 4	—A ·70	2 ·87	29
25	Mon. 5	14 ·26	19 ·27	28	26	Thur. 5	14 ·75	23 ·22	28	26	Tues. 5	1 ·62	3 ·82	—30
26	Tues. 6	—A ·35	20 ·37	29	27	Fri. 6	—A ·76	24 ·26	29	27	Wed. 6	2 ·52	4 ·76	1
27	Wed. 7	1 ·41	21 ·47	—30	28	Sat. 7	1 ·75	25 ·29	—30	28	Thur. 7	3 ·42	5 ·69	2
28	Thur. 8	2 ·46	22 ·54	1	29	Sun. 8	2 ·71	26 ·29	1	29	Fri. 8	4 ·32	6 ·63	3
—29	Fri. 9	3 ·49	23 ·60	2	—30	Mon. 9	3 ·66	27 ·28	2	—30	Sat. 9	5 ·22	7 ·56	4
1	Sat. 10	4 ·51	24 ·63	3	1	Tues. 10	4 ·59	1 ·24	3	1	Sun. 10	6 ·12	8 ·49	5
2	Sun. 11	5 ·50	25 ·64	4	2	Wed. 11	5 ·52	2 ·19	4			7 ·02		
3	Mon. 12	6 ·47	26 ·64	5	3	Thur. 12	6 ·42	3 ·15	5	2	Mon. 11	8 ·94	9 ·43	6
4	Tue. 13	7 ·43	27 ·62	6	4	Fri. 13	7 ·33	4 ·08	6	3	Tues. 12	9 ·87	10 ·39	7
5	Wed. 14	8 ·36	1 ·58	7				5 ·01		4	Wed. 13	10 ·83	11 ·35	8
6	Thur. 15	9 ·28	2 ·52	8	5	Sat. 14	8 ·22	6 ·94	7	5	Thur. 14	11 ·80	12 ·35	9
7	Fri. 16	10 ·19	3 ·46	9	6	Sun. 15	9 ·13	7 ·87	8	6	Fri. 15	12 ·78	13 ·35	10
8	Sat. 17	11 ·10	4 ·39	10			10 ·03			7	Sat. 16	13 ·77	14 ·37	11
		12 ·00			7	Mon. 16	11 ·93	8 ·82	9	8	Sun. 17	14 ·81	15 ·41	12
9	Sun. 18	13 ·90	5 ·33	11	8	Tues. 17	12 ·86	9 ·76	10	9	Mon. ○ 18	☿ ·86	16 ·48	13
10	Mon. 19	14 ·81	6 ·26	12	9	Wed. 18	13 ·79	10 ·72	11	10	Tues. 19	1 ·93	17 ·57	14
11	Tues. 20	☿ ·73	7 ·20	13	10	Thur. 19	14 ·75	11 ·70	12	11	Wed. 20	... ...	18 ·66	15
12	Wed. 21	1 ·64	8 ·14	14	11	Fri. 20	☿ ·72	12 ·69	13	12	Thur. 21	2 ·00	19 ·77	16
13	Thur. 22	2 ·58	9 ·09	15	12	Sat. 21	1 ·71	13 ·71	14	13	Fri. 22	3 ·08	20 ·87	17
14	Fri. 23	3 ·53	10 ·07	16	13	Sun. 22	2 ·71	14 ·74	15	14	Sat. 23	4 ·16	21 ·98	18
15	Sat. 24	4 ·50	11 ·05	17	14	Mon. 23	3 ·74	15 ·80	16	15	Sun. 24	5 ·24	... ...	19
16	Sun. 25	5 ·48	12 ·05	18	15	Tues. 24	4 ·80	16 ·87	17	16	Mon. 25	6 ·31	22 ·08	20
17	Mon. 26	6 ·50	13 ·07	19	16	Wed. 25	5 ·86	17 ·96	18	17	Tues. 26	7 ·35	23 ·15	21
18	Tues. 27	7 ·52	14 ·11	20	17	Thur. 26	6 ·95	... ...	19	18	Wed. 27	8 ·37	24 ·21	22
19	Wed. 28	8 ·58	15 ·18	21	18	Fri. 27	... ...	18 ·06	20	19	Thur. 28	9 ·38	25 ·25	23
20	Thur. 29	9 ·65	16 ·26	22	19	Sat. 28	7 ·03	19 ·17	21	20	Fri. 29	10 ·37	26 ·26	24
21	Fri. 30	10 ·73	17 ·36	23	20	Sun. 29	8 ·12	20 ·28	22	21	Sat. 30	11 ·33	27 ·27	25
22	Sat. 31	11 ·82	18 ·46	24	21	Mon. 30	9 ·20	21 ·38	23	22	Sun. 31	12 ·27	1 ·24	26
					22	Tues. 31	10 ·26	22 ·46	24					
	Feb.					**April.**					**June.**			
23	Sun. 1	12 ·90	19 ·57	25	23	Wed. 1	11 ·31	23 ·53	25	23	Mon. 1	13 ·20	2 ·21	27
24	Mon. 2	13 ·99	20 ·68	26	24	Thur. 2	12 ·33	24 ·59	26	24	Tues. 2	14 ·11	3 ·15	28
25	Tues. 3	... ...	21 ·77	27	25	Fri. 3	13 ·34	25 ·61	27	25	Wed. ● 3	—A ·02	4 ·09	—29
26	Wed. 4	14 ·06	22 ·85	28	26	Sat. 4	14 ·32	26 ·62	28			1 ·92		
27	Thur. 5	—A ·12	23 ·91	—29	27	Sun. 5	—A ·29	27 ·60	—29	26	Thur. 4	2 ·82	5 ·02	1
28	Fri. 6	1 ·13	24 ·94	1	28	Mon. 6	1 ·23	1 ·57	1				6 ·96	
—29	Sat. 7	2 ·14	25 ·96	2	29	Tues. 7	2 ·17	2 ·54	2	27	Fri. 5	3 ·71	7 ·89	2
1	Sun. 8	3 ·14	26 ·97	3			3 ·09			28	Sat. 6	4 ·62	8 ·83	3
2	Mon. 9	4 ·11	27 ·95	4	30	Wed. 8	4 ·99	3 ·48	3	29	Sun. 7	5 ·53	9 ·77	4
		5 ·05			—31	Thur. 9	5 ·89	4 ·42	4	30	Mon. 8	6 ·45	10 ·72	5
3	Tues. 10	6 ·98	1 ·91	5	1	Fri. 10	6 ·78	5 ·35	5	31	Tues. 9	7 ·37	11 ·69	6
4	Wed. 11	7 ·91	2 ·86	6	2	Sat. 11	7 ·69	6 ·28	6	—32	Wed. 10	8 ·32	12 ·67	7
5	Thur. 12	8 ·82	3 ·80	7	3	Sun. 12	8 ·59	7 ·22	7	1	Thur. 11	9 ·29	13 ·67	8
6	Fri. 13	9 ·72	4 ·74	8	4	Mon. 13	9 ·50	8 ·15	8	2	Fri. 12	10 ·26	14 ·69	9
7	Sat. 14	10 ·62	5 ·67	9	5	Tues. 14	10 ·42	9 ·10	9	3	Sat. 13	11 ·27	15 ·72	10
8	Sun. 15	11 ·52	6 ·60	10	6	Wed. 15	11 ·34	10 ·05	10	4	Sun. 14	12 ·30	16 ·79	11
9	Mon. 16	12 ·43	7 ·53	11	7	Thur. 16	12 ·30	11 ·03	11	5	Mon. 15	13 ·33	17 ·87	12
10	Tues. 17	13 ·34	8 ·47	12	8	Fri. 17	13 ·27	12 ·01	12	6	Tues. 16	14 ·40	18 ·96	13
11	Wed. 18	14 ·27	9 ·43	13	9	Sat. 18	14 ·26	13 ·03	13	7	Wed. 17	☿ ·47	... ...	14
12	Thur. 19	☿ ·20	10 ·39	14	10	Sun. 19	☿ ·26	14 ·06	14	8	Thur. 18	1 ·56	19 ·07	15
13	Fri. 20	1 ·16	11 ·37	15	11	Mon. 20	1 ·30	15 ·10	15	9	Fri. 19	2 ·64	20 ·18	16
14	Sat. 21	2 ·12	12 ·37	16	12	Tues. 21	2 ·35	16 ·17	16	10	Sat. 20	3 ·72	21 ·29	17
15	Sun. 22	3 ·11	13 ·38	17	13	Wed. 22	3 ·41	17 ·26	17	11	Sun. 21	4 ·78	22 ·38	18
16	Mon. 23	4 ·12	14 ·43	18	14	Thur. 23	4 ·49	18 ·37	18	12	Mon. 22	5 ·83	23 ·46	19
17	Tues. 24	5 ·15	15 ·49	19	15	Fri. 24	5 ·57	19 ·47	19	13	Tues. 23	6 ·85	24 ·52	20
18	Wed. 25	6 ·21	16 ·56	20	16	Sat. 25	6 ·66	20 ·58	20	14	Wed. 24	7 ·86	25 ·56	21
19	Thur. 26	7 ·27	17 ·66	21	17	Sun. 26	7 ·73	21 ·68	21	15	Thur. 25	8 ·84	26 ·59	22
20	Fri. 27	8 ·35	18 ·76	22	18	Mon. 27	8 ·80	22 ·76	22	16	Fri. 26	9 ·81	27 ·59	23
21	Sat. 28	9 ·45	19 ·87	23	19	Tues. 28	9 ·85	23 ·84	23	17	Sat. 27	10 ·76	1 ·58	24
					20	Wed. 29	10 ·88	24 ·90	24	18	Sun. 28	11 ·68	2 ·54	25
					21	Thur. 30	11 ·87	25 ·93	25	19	Mon. 29	12 ·60	3 ·49	26
										20	Tues. 30	13 ·51	4 ·43	27

Vikrama. **Makara—Tai.** Pausha. Sukla. Bahula. H. 1174 Jamāda'l ākhir.

Vikrama. **Kumbha—Māsi.** Māgha. Sukla. Bahula. H. 1174 Rajab.

Vikrama. **Mina—Phalguna.** Phālguna. Sukla. Bahula. H. 1174 Sha'bān.

Vrisha. **Mēsha—Chittirai.** Chaitra. Sukla. Bahula. H. 1174 Ramazān.

Vrisha. **Mithuna—Āni.** Jyeshtha. Sukla. Bahula. H. 1174 Zi-l-ka'da.

Vrisha. **Vrishabha—Vaigāsi.** Vaiśākha. Sukla. Bahula. H. 1174 Shawwāl.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1761. **Kollam 937,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1175.** Commences **Aug. 2.** **Vikrama 1818.** **Bengal San. 1167 (N. Cycle) Khara.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Vrisha. **Mithuna—Ādi.**			*Śukla.* **Āshādha.**		*H.* 1174 *Zī-l-hijja.*	*Vrisha.* **Simha—Avani.**			*Śukla.* **Bhādrapada.**		*H.* 1175 *Safar.*				*Śukla.* **Kārttika.**		*H.* 1175 *Rabī-ul awwal.*
21	Wed.	1	14 ·41	5 ·37	28	20	Tues.	1	3 ·75	13 ·64	1	20	Sun.	1	4 ·01	19 ·57	3
22	Thur.	2	—**A** ·30	6 ·30	29	21	Wed.	2	4 ·74	14 ·65	2	21	Mon.	2	5 ·09	20 ·67	4
23	Fri.	3	1 ·20	7 ·23	—30	22	Thur.	3	5 ·74	15 ·67	3	22	Tues.	3	6 ·17	21 ·78	5
24	Sat.	4	2 ·10	8 ·16	1	23	Fri.	4	6 ·77	16 ·72	4	23	Wed.	4	7 ·26	22 ·89	6
25	Sun.	5	3 ·00 4 ·92	9 ·10	2	24	Sat.	5	7 ·81	17 ·78	5	24	Thur.	5	8 ·35	23 ·99	7
26	Mon.	6	5 ·85	10 ·06	3	25	Sun.	6	8 ·86	18 ·86	6	25	Fri.	6	9 ·42	... ...	8
27	Tues.	7	6 ·79	11 ·02	4	26	Mon.	7	9 ·94	19 ·97	7	26	Sat.	7	10 ·46	24 ·07	9
28	Wed.	8	7 ·77	12 ·00 13 ·99	5	27	Tues.	8	... ...	... ...	8	27	Sun.	8	11 ·51	25 ·13	10
29	Thur.	9	8 ·75	... ...	6	28	Wed.	9	10 ·02	20 ·08	9	28	Mon.	9	12 ·51	26 ·18	11
30	Fri.	10	9 ·74	14 ·00	7	29	Thur.	10	11 ·11	21 ·18	10	29	Tues.	10	13 ·51	27 ·21	12
—31	Sat.	11	10 ·77	15 ·05	8	30	Fri.	11	12 ·18	22 ·28	11	—30	Wed.	11	14 ·47	1 ·21	13
1	Sun.	12	11 ·82	16 ·10	9	—31	Sat.	12	13 ·26	23 ·37	12	1	Thur.	12	**P** ·44	2 ·20	14
2	Mon.	13	12 ·88	17 ·17	10	1	Sun.	13	14 ·31	24 ·45	13	2	Fri.	13	1 ·37	3 ·17	15
3	Tues.	14	13 ·95	18 ·26	11	2	Mon.	14	**P** ·33	25 ·51	14	3	Sat.	14	2 ·28	4 ·12	16
4	Wed.	15	... ...	19 ·36	12	3	Tues.	15	1 ·36	26 ·55	15	4	Sun.	15	3 ·20	5 ·06	17
5	Thur.	16	14 ·04	20 ·48	13	4	Wed.	16	2 ·34	27 ·56	16	5	Mon.	16	4 ·11	6 ·01 7 ·94	18
6	Fri.	17	**P** ·12	21 ·59	14	5	Thur.	17	3 ·32	1 ·55	17	6	Tues.	17	5 ·01 6 ·91	8 ·87	19
7	Sat.	18	1 ·20	22 ·68	15	6	Fri.	18	4 ·27	2 ·54	18	7	Wed.	18	7 ·81	9 ·80	20
8	Sun.	19	2 ·26	23 ·76	16	7	Sat.	19	5 ·21	3 ·50	19	8	Thur.	19	8 ·73	10 ·73	21
9	Mon.	20	3 ·31	24 ·83	17	8	Sun.	20	6 ·12	4 ·45	20	9	Fri.	20	9 ·65	11 ·69	22
10	Tues.	21	4 ·33	25 ·88	18	9	Mon.	21	7 ·03 8 ·93	5 ·39	21	10	Sat.	21	10 ·57	12 ·65	23
11	Wed.	22	5 ·35	26 ·91	19	10	Tues.	22	9 ·83	6 ·32	22	11	Sun.	22	11 ·52	13 ·62	24
12	Thur.	23	6 ·32	27 ·92	20	11	Wed.	23	10 ·74	7 ·26	23	12	Mon.	23	12 ·50	14 ·61	25
13	Fri.	24	7 ·29	1 ·90	21	12	Thur.	24	11 ·63	8 ·19	24	13	Tues.	24	13 ·48	15 ·62	26
14	Sat.	25	8 ·24	2 ·87	22	13	Fri.	25	12 ·54	9 ·12	25	14	Wed.	25	14 ·49	16 ·66	27
15	Sun.	26	9 ·16	3 ·82	23	14	Sat.	26	13 ·46	10 ·06	26	15	Thur.	26	—**A** ·51	17 ·71	28
16	Mon.	27	10 ·09	4 ·77	24	15	Sun.	27	14 ·39	11 ·01 12 ·99	27	16	Fri.	27	1 ·57	18 ·78	—29
17	Tues.	28	11 ·00 12 ·90	5 ·71	25	16	Mon.	28	—**A** ·34	13 ·97	28	17	Sat.	28	2 ·63	19 ·87	1
18	Wed.	29	13 ·79	6 ·64	26	17	Tues.	29	1 ·29	14 ·97	—29	18	Sun.	29	3 ·71	20 ·97	2
19	Thur.	30	14 ·69	7 ·56	27	18	Wed.	30	2 ·28	15 ·99	1	19	Mon.	30	4 ·80	... ...	3
20	Fri.	31	—**A** ·60	8 ·50	28												
	Aug.						**Oct.**						**Dec.**				
21	Sat.	1	1 ·50	9 ·45	—29	19	Thur.	1	3 ·27	... ...	2	20	Tues.	1	5 ·89	21 ·09	4
22	Sun.	2	2 ·42	10 ·39	1	20	Fri.	2	4 ·31	16 ·03	3	21	Wed.	2	6 ·97	22 ·19	5
23	Mon.	3	3 ·34	11 ·35	2	21	Sat.	3	5 ·35	17 ·09	4	22	Thur.	3	... ...	23 ·29	6
24	Tues.	4	4 ·29	12 ·32	3	22	Sun.	4	6 ·41	18 ·18	5	23	Fri.	4	7 ·04	24 ·38	7
25	Wed.	5	5 ·24	13 ·31	4	23	Mon.	5	7 ·49	19 ·27	6	24	Sat.	5	8 ·10	25 ·44	8
26	Thur.	6	6 ·23	14 ·33	5	24	Tues.	6	8 ·58	20 ·37	7	25	Sun.	6	9 ·14	26 ·50	9
27	Fri.	7	7 ·23	15 ·36	6	25	Wed.	7	9 ·66	21 ·48	8	26	Mon.	7	10 ·14	27 ·53	10
28	Sat.	8	8 ·25	16 ·41	7	26	Thur.	8	10 ·73	22 ·58	9	27	Tues.	8	11 ·13	1 ·54	11
29	Sun.	9	9 ·29	17 ·48	8	27	Fri.	9	11 ·81	23 ·69	10	28	Wed.	9	12 ·10	2 ·53	12
30	Mon.	10	10 ·35	18 ·56	9	28	Sat.	10	12 ·87	24 ·77	11	29	Thur.	10	13 ·06 14 ·99	3 ·50	13
31	Tues.	11	11 ·43	19 ·67	10	29	Sun.	11	13 ·91	25 ·82	12	—30	Fri.	11	**P** ·91	4 ·45	14
—32	Wed.	12	12 ·52	20 ·78	11	—30	Mon.	12	14 ·92	26 ·86	13	1	Sat.	12	1 ·83	5 ·41	15
1	Thur.	13	13 ·60	21 ·88	12	1	Tues.	13	**P** ·91	27 ·88	14	2	Sun.	13	2 ·74	6 ·34	16
2	Fri.	14	14 ·67	22 ·98	13	2	Wed.	14	1 ·88	1 ·89	15	3	Mon.	14	3 ·63	7 ·27	17
3	Sat.	15	**P** ·73	... ...	14	3	Thur.	15	2 ·83	2 ·87	16	4	Tues.	15	4 ·54	8 ·20	18
4	Sun.	16	1 ·79	23 ·07	15	4	Fri.	16	3 ·77	3 ·83	17	5	Wed.	16	5 ·44	9 ·13	19
5	Mon.	17	2 ·83	24 ·14	16	5	Sat.	17	4 ·68	4 ·78	18	6	Thur.	17	6 ·35	10 ·08	20
6	Tues.	18	3 ·84	25 ·20	17	6	Sun.	18	5 ·60	5 ·72	19	7	Fri.	18	7 ·28	11 ·02 12 ·98	21
7	Wed.	19	4 ·81	26 ·23	18	7	Mon.	19	6 ·50	6 ·66	20	8	Sat.	19	8 ·21	13 ·95	22
8	Thur.	20	5 ·78	27 ·24	19	8	Tues.	20	7 ·40	7 ·59	21	9	Sun.	20	9 ·17	14 ·93	23
9	Fri.	21	6 ·74	1 ·23	20	9	Wed.	21	8 ·30	8 ·53	22	10	Mon.	21	10 ·13	15 ·95	24
10	Sat.	22	7 ·67	2 ·20	21	10	Thur.	22	9 ·21	9 ·46	23	11	Tues.	22	11 ·12	16 ·97	25
11	Sun.	23	8 ·59	3 ·17	22	11	Fri.	23	10 ·12	10 ·40	24	12	Wed.	23	12 ·13	... ...	26
12	Mon.	24	9 ·49	4 ·11	23	12	Sat.	24	11 ·04 12 ·97	11 ·35	25	13	Thur.	24	13 ·16	17 ·02	27
13	Tues.	25	10 ·40	5 ·05 6 ·98	24	13	Sun.	25	13 ·92	12 ·32	26	14	Fri.	25	14 ·22	18 ·09	28
14	Wed.	26	11 ·29	7 ·91	25	14	Mon.	26	14 ·88	13 ·29	27	15	Sat.	26	—**A** ·28	19 ·17	29
15	Thur.	27	12 ·20	8 ·85	26	15	Tues.	27	—**A** ·86	14 ·29	28	16	Sun.	27	1 ·37	20 ·28	—30
16	Fri.	28	13 ·10	9 ·79	27	16	Wed.	28	1 ·87	15 ·30	29	17	Mon.	28	2 ·46	21 ·38	1
17	Sat.	29	14 ·01 **A** ·92	10 ·73	28	17	Thur.	29	2 ·90	16 ·34	—30	18	Tues.	29	3 ·55	22 ·40	2
18	Sun.	30	1 ·84	11 ·68	29	18	Fri.	30	3 ·94	17 ·40	1	19	Wed.	30	4 ·62	23 ·59	3
19	Mon.	31	2 ·80	12 ·65	—30	19	Sat.	31	... ...	18 ·48	2	20	Thur.	31	5 ·70	24 ·68	4

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1762. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·91.** **Śaka 1684.** **Kaliyuga 4863.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·81.** **(S. Cycle) Chitrabhānu.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
21	Fri. 1	*Śukla.* 6 ·75	25 ·75	5	21	Mon. 1	5 ·03	2 ·51	5	22	Sat. 1	*Śukla.* 8 ·63	9 ·84	7
22	Sat. 2	7 ·78	26 ·82	6	22	Tues. 2	6 ·01 / 7 ·95	3 ·50	6	23	Sun. 2	9 ·52	10 ·77	8
23	Sun. 3	8 ·79	27 ·85	7						24	Mon. 3	10 ·43	11 ·71	9
24	Mon. 4	9 ·78	1 ·86	8	23	Wed. 3	8 ·89	4 ·46	7	25	Tues. 4	11 ·34	12 ·65	10
25	Tues. 5	10 ·75	2 ·85	9	24	Thur. 4	*Śukla.* 9 ·81	5 ·41	8	26	Wed. 5	12 ·26	13 ·61	11
26	Wed. 6	11 ·70	3 ·83	10	25	Fri. 5	10 ·72	6 ·36	9	27	Thur. 6	13 ·19	14 ·57	12
27	Thur. 7	12 ·64	4 ·80	11	26	Sat. 6	11 ·62	7 ·30	10	28	Fri. 7	14 ·15	15 ·56	13
28	Fri. 8	13 ·56	5 ·74	12	27	Sun. 7	12 ·52	8 ·23	11	29	Sat. ○ 8	ℙ ·11	16 ·57	14
29	Sat. 9	14 ·47	6 ·68	13	28	Mon. 8	13 ·42	9 ·16	12	30	Sun. 9	1 ·09	17 ·59	15
1	Sun. 10	ℙ ·38	7 ·61	14	—29	Tues. 9	14 ·32	10 ·09	13	—31	Mon. 10	2 ·11	18 ·64	16
2	Mon. 11	1 ·28	8 ·54	15	1	Wed. 10	ℙ ·24	11 03 / 12 ·98	14	1	Tues. 11	3 ·13	19 ·70	17
3	Tues. 12	2 ·19	9 ·48	16						2	Wed. 12	4 ·19	20 ·78	18
4	Wed. 13	3 ·09	10 ·42	17	2	Thur. 11	1 ·15	13 ·94	15	3	Thur. 13	5 ·25	21 ·88	19
5	Thur. 14	*Bahula.* 4 ·00 / 5 ·92	11 ·36	18	3	Fri. 12	2 ·09	14 ·92	16	4	Fri. 14	6 ·33	22 ·98	20
					4	Sat. 13	3 ·05	15 ·91	17	5	Sat. 15	*Bahula.* 7 ·41	... ...	21
6	Fri. 15	6 ·85	12 ·31	19	5	Sun. 14	4 ·02	16 ·92	18	6	Sun. 16	8 ·49	23 ·09	22
7	Sat. 16	7 ·81	13 ·27	20	6	Mon. 15	5 ·00	17 ·95	19	7	Mon. 17	9 ·57	24 ·20	23
8	Sun. 17	8 ·78	14 ·27	21	7	Tues. 16	6 ·01	... ...	20	8	Tues. 18	10 ·63	25 ·29	24
9	Mon. 18	9 ·77	15 ·27	22	8	Wed. 17	7 ·05	18 ·02	21	9	Wed. 19	11 ·68	26 ·37	25
10	Tues. 19	10 ·78	16 ·29	23	9	Thur. 18	8 ·09	19 ·09	22	10	Thur. 20	12 ·70	27 ·43	26
11	Wed. 20	11 ·82	17 ·33	24	10	Fri. 19	9 ·18	20 ·18	23	11	Fri. 21	13 ·70	1 ·47	27
12	Thur. 21	12 ·86	18 ·39	25	11	Sat. 20	10 ·26	21 ·28	24	12	Sat. 22	14 ·68	2 ·48	28
13	Fri. 22	13 ·94	19 ·48	26	12	Sun. 21	11 ·35	22 ·38	25	13	Sun. 23	—A ·64	3 ·48	—29
14	Sat. 23	... ...	20 ·58	27	13	Mon. 22	12 ·44	23 ·49	26	14	Mon. 24	1 ·59	4 ·45	1
15	Sun. 24	14 ·02	21 ·68	28	14	Tues. 23	13 ·52	24 ·60	27	15	Tues. 25	2 ·51	5 ·42	2
16	Mon. 25	—A ·11	22 ·79	—29	15	Wed. 24	14 ·57	25 ·68	28	16	Wed. 26	3 ·43	6 ·37	3
17	Tues. 26	1 ·20	23 ·89	1	16	Thur. 25	—A ·61	26 ·75	—29	17	Thur. 27	4 ·33	7 ·31	4
18	Wed. 27	2 ·28	24 ·98	2	17	Fri. 26	1 ·65	27 ·80	1	18	Fri. 28	5 ·24	8 ·25	5
19	Thur. 28	3 ·35	... ...	3	18	Sat. 27	2 ·64	1 ·83	2	19	Sat. 29	6 ·14	9 ·18	6
20	Fri. 29	4 ·39	25 ·07	4	19	Sun. 28	3 ·63	2 ·84	3	20	Sun. 30	*Śukla.* 7 ·03 / 8 ·93	10 ·13	7
21	Sat. 30	5 ·42	26 ·13	5	20	Mon. 29	4 ·59	3 ·82	4					
22	Sun. 31	6 ·43	27 ·17	6	21	Tues. 30	5 ·54	4 ·79	5	21	Mon. 31	9 ·84	11 ·05 / 12 ·99	8
					22	Wed. 31	6 ·46	5 ·75	6					
	Feb.					**April.**					**June.**			
23	Mon. 1	*Śukla.* 7 ·42	1 ·18	7	23	Thur. 1	*Śukla.* 7 ·38	6 ·70	7	22	Tues. 1	10 ·76	13 ·94	9
24	Tues. 2	8 ·39	2 ·18	8	24	Fri. 2	8 ·29	7 ·64	8	23	Wed. 2	11 ·69	14 ·90	10
25	Wed. 3	9 ·34	3 ·17	9	25	Sat. 3	9 ·18	8 ·57	9	24	Thur. 3	12 ·65	15 ·89	11
26	Thur. 4	10 ·27	4 ·13	10	26	Sun. 4	10 ·09 / 11 ·99	9 ·50	10	25	Fri. 4	13 ·61	16 ·89	12
27	Fri. 5	11 ·19	5 ·08	11						26	Sat. 5	14 ·59	17 ·91	13
28	Sat. 6	12 ·10	6 ·02 / 7 ·95	12	27	Mon. 5	12 ·90	10 ·43	11	27	Sun. 6	ℙ ·60	18 ·94	14
					28	Tues. 6	13 ·51	11 ·36	12	28	Mon. 7	1 ·62	... ...	15
29	Sun. 7	13 ·00 / 14 ·90	8 ·89	13	29	Wed. 7	14 ·72	12 ·32	13	29	Tues. 8	2 ·68	19 ·00	16
					30	Thur. 8	ℙ ·66	13 ·27	14	30	Wed. 9	3 ·74	20 ·09	17
—30	Mon. 8	ℙ ·81	9 ·82	14	—31	Fri. 9	1 ·62	14 ·24	15	—31	Thur. 10	4 ·82	21 ·18	18
1	Tues. 9	1 ·71	10 ·75	15	1	Sat. 10	2 ·58	15 ·23	16	1	Fri. 11	5 ·90	22 ·29	19
2	Wed. 10	2 ·63	11 ·69	16	2	Sun. 11	3 ·56	16 ·24	17	2	Sat. 12	6 ·98	23 ·39	20
3	Thur. 11	3 ·54	12 ·64	17	3	Mon. 12	4 ·57	17 ·28	18	3	Sun. 13	*Bahula.*	24 ·50	21
4	Fri. 12	4 ·48	13 ·61	18	4	Tues. 13	5 ·61	18 ·32	19	4	Mon. 14	7 ·05	25 ·59	22
5	Sat. 13	5 ·45	14 ·59	19	5	Wed. 14	6 ·66	19 ·39	20	5	Tues. 15	8 ·11	26 ·68	23
6	Sun. 14	6 ·41	15 ·59	20	6	Thur. 15	7 ·73	20 ·48	21	6	Wed. 16	9 ·15	27 ·74	24
7	Mon. 15	7 ·40	16 ·60	21	7	Fri. 16	8 ·81	21 ·58	22	7	Thur. 17	10 ·18	1 ·78	25
8	Tues. 16	8 ·40	17 ·64	22	8	Sat. 17	9 ·90	22 ·69	23	8	Fri. 18	11 ·19	2 ·80	26
9	Wed. 17	9 ·44	18 ·70	23	9	Sun. 18	10 ·98	23 ·80	24	9	Sat. 19	12 ·17	3 ·80	27
10	Thur. 18	10 ·50	19 ·79	24	10	Mon. 19	... ...	24 ·90	25	10	Sun. 20	13 ·13	4 ·79	28
11	Fri. 19	11 ·58	20 ·88	25	11	Tues. 20	11 ·06	25 ·99	26	11	Mon. 21	14 ·08	5 ·76	29
12	Sat. 20	12 ·65	21 ·98	26	12	Wed. 21	12 ·12	... ...	27					
13	Sun. 21	13 ·73	... ...	27	13	Thur. 22	13 ·17	26 ·06	28	12	Tues. 22	A ·01 / 1 ·92	6 ·71	30
14	Mon. 22	14 ·82	22 ·09	28	14	Fri. 23	14 ·18	27 ·12	29					
15	Tues. 23	—A ·91	23 ·19	29	15	Sat. ● 24	—A ·18	1 ·15	—30	13	Wed. 23	2 ·82	7 ·65	1
16	Wed. 24	1 ·98	24 ·30	—30	16	Sun. 25	*Śukla.* 1 ·17	2 ·16	1	14	Thur. 24	3 ·73	8 ·58	2
17	Thur. 25	... ...	25 ·38	1	17	Mon. 26	2 ·13	3 ·15	2	15	Fri. 25	4 ·62	9 ·52	3
18	Fri. 26	*Śukla.* 2 ·02	26 ·44	2	18	Tues. 27	3 ·08	4 ·12	3	16	Sat. 26	5 ·52	10 ·45	4
19	Sat. 27	3 ·05	27 ·48	3	19	Wed. 28	4 ·01 / 5 ·98	5 ·09	4	17	Sun. 27	*Śukla.* 6 ·42	11 ·38	5
20	Sun. 28	4 ·05	1 ·50	4						18	Mon. 28	7 ·33	12 ·32	6
					20	Thur. 29	6 ·83	6 ·04 / 7 ·98	5	19	Tues. 29	8 ·24	13 ·27	7
					21	Fri. 30	7 ·72	8 ·91	6	20	Wed. 30	9 ·17	14 ·24	8

Vrisha. **Makara—Tai.** **Kumbha—Māsi.** *Vrisha.* **Mīna—Paṅguni.** *Chitrabhānu.* **Mēsha—Chittirai.** *Vrisha.* **Vrishabha—Vaigāsi.** *Chitrabhānu.* **Mithuna—Āni.**

H. 1175 *Jamāda'l ākhir.* *H.* 1175 *Rajab.* *H.* 1175 *Sha'bān.* *H.* 1175 *Ramazān.* *H.* 1175 *Shawwāl.* *H.* 1175 *Zi-l-ka'da.* *H.* 1175 *Zi-l-hijja.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1762. **Kollam 938,** { **N. Malabar—Sep.** **Hijra 1176.** **Vikrama 1819.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 23.** **Bengal San. 1168.**
P—Paurnimā. **(N. Cycle) Nandana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Thur.	1	10 ·12	15 ·22	9	20	Wed.	1	**Bhādrapada.** 13 ·26	22 ·18	11	19	Mon.	◯1	*Bahula.* **P** ·79	1 ·36	13
22	Fri.	2	11 ·08	16 ·21	10	21	Thur.	2	14 ·35	23 ·30	12	20	Tues.	2	1 ·81	2 ·40	14
23	Sat.	3	12 ·07	17 ·22	11	22	Fri.	3	**P** ·43	24 ·40	13	21	Wed.	3	2 ·79	3 ·42	15
24	Sun.	4	13 ·08	18 ·26	12	23	Sat.	4	1 ·52	25 ·50	14	22	Thur.	4	3 ·76	**4** ·42	16
25	Mon.	5	14 ·10	19 ·32	13	24	Sun.	5	2 ·58	26 ·59	15	23	Fri.	5	4 ·72	5 ·42	17
26	Tues.	6	**P** ·15	20 ·39	14	25	Mon.	6	3 ·63	27 ·67	16	24	Sat.	6	5 ·65	6 ·39	18
27	Wed.	7	1 ·22	21 ·48	15	26	Tues.	7	4 ·65	1 ·73	17	25	Sun.	7	6 ·58	7 ·34	19
28	Thur.	8	2 ·29	22 ·59	16	27	Wed.	8	5 ·66	2 ·77	18	26	Mon.	8	7 ·48	8 ·28	20
29	Fri.	9	3 ·36	23 ·69	17	28	Thur.	9	6 ·65	3 ·78	19	27	Tues.	9	8 ·39	9 ·22	21
30	Sat.	10	4 ·45	24 ·80	18	29	Fri.	10	7 ·62	4 ·77	20	28	Wed.	10	9 ·29	10 ·15	22
31	Sun.	11	5 ·52	25 ·90	19	30	Sat.	11	8 ·58	5 ·75	21	29	Thur.	11	10 ·20	11 ·08	23
—32	Mon.	12	6 ·59	26 ·99	20	—31	Sun.	12	9 ·50	6 ·72	22					12 ·00	
1	Tues.	13	7 ·63	... ...	21	1	Mon.	13	10 ·43	7 ·67	23	—30	Fri.	12	11 ·10	13 ·95	24
2	Wed.	14	8 ·67	27 ·05	22	2	Tues.	14	11 ·33	8 ·61	24				12 ·01		
3	Thur.	15	9 ·66	1 ·10	23	3	Wed.	15	12 ·23	9 ·54	25	1	Sat.	13	13 ·93	14 ·90	25
4	Fri.	16	10 ·64	2 ·12	24	4	Thur.	16	13 ·14	10 ·47	26	2	Sun.	14	14 ·87	15 ·87	26
5	Sat.	17	11 ·61	3 ·14	25	5	Fri.	17	14 ·03	11 ·40	27	3	Mon.	15	—**A** ·81	16 ·84	27
6	Sun.	18	12 ·55	4 ·12	26				**A** ·94			4	Tues.	16	1 ·78	17 ·83	28
7	Mon.	19	13 ·48	5 ·09	27	6	Sat.	18	1 ·83	12 ·34	28	5	Wed.	17	2 ·77	18 ·84	—29
				6 ·04		7	Sun.	19	2 ·76	13 ·28	—29	6	Thur.	18	3 ·79	19 ·87	1
8	Tues.	20	14 ·40	7 ·99	28	8	Mon.	20	3 ·69	14 ·23	1	7	Fri.	19	4 ·81	20 ·93	2
9	Wed.	21	—**A** ·31	8 ·93	29	9	Tues.	21	4 ·62	15 ·20	2	8	Sat.	20	5 ·86	... ...	3
10	Thur.	22	1 ·21	9 ·86	—30	10	Wed.	22	5 ·60	16 ·18	3	9	Sun.	21	6 ·92	21 ·00	4
11	Fri.	23	2 ·11	10 ·79	1	11	Thur.	23	6 ·58	17 ·19	4	10	Mon.	22	... ...	22 ·09	5
12	Sat.	24	3 ·01	11 ·72	2	12	Fri.	24	7 ·60	18 ·21	5	11	Tues.	23	7 ·02	23 ·19	6
			4 ·90			13	Sat.	25	8 ·62	19 ·25	6	12	Wed.	24	8 ·10	24 ·30	7
13	Sun.	25	5 ·81	12 ·66	3	14	Sun.	26	9 ·67	20 ·31	7	13	Thur.	25	9 ·19	25 ·40	8
14	Mon.	26	6 ·72	13 ·61	4	15	Mon.	27	10 ·72	21 ·39	8	14	Fri.	26	10 ·26	26 ·51	9
15	Tues.	27	7 ·66	14 ·57	5	16	Tues.	28	11 ·81	22 ·49	9	15	Sat.	27	11 ·34	27 ·60	10
16	Wed.	28	8 ·60	15 ·54	6	17	Wed.	29	12 ·89	23 ·60	10	16	Sun.	28	12 ·40	1 ·66	11
17	Thur.	29	9 ·57	16 ·53	7	18	Thur.	30	13 ·97	24 ·70	11	17	Mon.	29	13 ·43	2 ·71	12
18	Fri.	30	10 ·55	17 ·54	8							18	Tues.	30	14 ·43	3 ·74	13
19	Sat.	31	11 ·56	18 ·57	9												
	Aug.						**Oct.**						**Dec.**				
20	Sun.	1	12 ·57	19 ·63	10	19	Fri.	1	... ...	25 ·80	12	19	Wed.	1	**P** ·42	4 ·76	14
21	Mon.	2	13 ·62	20 ·70	11	20	Sat.	2	14 ·05	26 ·90	13	20	Thur.	2	1 ·39	5 ·75	15
22	Tues.	3	14 ·69	21 ·78	12	21	Sun.	3	**P** ·12	27 ·99	14	21	Fri.	3	2 ·33	6 ·72	16
23	Wed.	4	**P** ·76	22 ·88	13	22	Mon.	4	1 ·17	... ...	15	22	Sat.	4	3 ·27	7 ·67	17
24	Thur.	5	1 ·85	23 ·99	14	23	Tues.	5	2 ·20	1 ·05	16	23	Sun.	5	4 ·20	8 ·62	18
25	Fri.	6	2 ·93	.. ...	15	24	Wed.	6	3 ·22	2 ·08	17	24	Mon.	6	5 ·12	9 ·56	19
26	Sat.	7	... ...	24 ·10	16	25	Thur.	7	4 ·20	3 ·10	18				6 ·02		
27	Sun.	8	3 ·00	25 ·20	17	26	Fri.	8	5 ·17	4 ·10	19	25	Tues.	7	7 ·91	10 ·49	20
28	Mon.	9	4 ·07	26 ·29	18	27	Sat.	9	6 ·12	5 ·09	20	26	Wed.	8	8 ·82	11 ·42	21
29	Tues.	10	5 ·12	27 ·36	19	28	Sun.	10	**7** ·05	6 ·05	21	27	Thur.	9	9 ·72	12 ·35	22
30	Wed.	11	6 ·15	1 ·41	20				8 ·99			28	Fri.	10	10 ·63	13 ·29	23
—31	Thur.	12	7 ·15	2 ·45	21	29	Mon.	11	9 ·89	7 ·00	22	—29	Sat.	11	11 ·55	14 ·24	24
1	Fri.	13	8 ·14	3 ·46	22					8 ·94		1	Sun.	12	12 ·50	15 ·20	25
2	Sat.	14	9 ·10	4 ·45	23	30	Tues.	12	10 ·80	9 ·88	23	2	Mon.	13	13 ·44	16 ·17	26
			10 ·05			—31	Wed.	13	11 ·70	10 ·81	24	3	Tues.	14	14 ·41	17 ·15	27
3	Sun.	15	11 ·98	5 ·42	24	1	Thur.	14	12 ·59	11 ·75	25	4	Wed.	15	—**A** ·41	18 ·16	28
4	Mon.	16	12 ·90	6 ·38	25	2	Fri.	15	13 ·50	12 ·68	26	5	Thur.	16	1 ·42	19 ·18	29
5	Tues.	17	13 ·81	7 ·33	26	3	Sat.	16	14 ·40	13 ·62	27	6	Fri.	17	2 ·45	20 ·24	—30
6	Wed.	18	14 ·71	8 ·27	27	4	Sun.	●17	—**A** ·33	14 ·57	28	7	Sat.	18	3 ·51	21 ·31	1
7	Thur.	19	—**A** ·61	9 ·20	28	5	Mon.	18	1 ·26	15 ·53	29	8	Sun.	19	4 ·58	22 ·39	2
8	Fri.	20	1 ·50	10 ·13	29	6	Tues.	19	2 ·21	16 ·51	—30	9	Mon.	20	5 ·63	23 ·49	3
9	Sat.	21	2 ·41	11 ·06	—30	7	Wed.	20	3 ·17	17 ·51	1	10	Tues.	21	6 ·75	24 ·60	4
				12 ·00		8	Thur.	21	4 ·16	18 ·52	2	11	Wed.	22	7 ·84	25 ·71	5
10	Sun.	22	3 ·31	13 ·95	1	9	Fri.	22	5 ·19	19 ·56	3	12	Thur.	23	8 ·91	26 ·81	6
11	Mon.	23	4 ·23	14 ·90	2	10	Sat.	23	6 ·19	20 ·61	4	13	Fri.	24	9 ·98	27 ·90	7
12	Tues.	24	5 ·16	15 ·87	3	11	Sun.	24	7 ·25	21 ·70	5	14	Sat.	25	... ...	1 ·97	8
13	Wed.	25	6 ·09	16 ·85	4	12	Mon.	25	8 ·31	22 ·79	6	15	Sun.	26	10 ·04	... ...	9
14	Thur.	26	7 ·07	17 ·86	5	13	Tues.	26	9 ·39	23 ·89	7	16	Mon.	27	11 ·07	2 ·03	10
15	Fri.	27	8 ·05	18 ·89	6	14	Wed.	27	10 ·47	... ...	8	17	Tues.	28	12 ·07	3 ·07	11
16	Sat.	28	9 ·06	19 ·94	7	15	Thur.	28	11 ·56	24 ·00	9	18	Wed.	29	13 ·07	4 ·08	12
17	Sun.	29	10 ·08	... ...	8	16	Fri.	29	12 ·64	25 ·10	10				14 ·03		
18	Mon.	30	11 ·12	20 ·00	9	17	Sat.	30	13 ·71	26 ·20	11	19	Thur.	30	**P** ·97	5 ·07	13
19	Tues.	31	12 ·19	21 ·09	10	18	Sun.	31	14 ·77	27 ·29	12	20	Fri.	31	1 ·92	6 ·05	14

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1763. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·17.** **Śaka 1685.** **Kaliyuga 4864.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·07.** **(S. Cycle) Subhānu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
21	Sat.	1	2 ·83	7 ·01	15	21	Tues.	1	2 ·71	12 ·38	15	22	Sun.	1	4 ·42	19 ·78	17
				8 ·96		22	Wed.	2	3 ·61	13 ·31	16	23	Mon.	2	5 ·41	20 ·81	18
22	Sun.	2	3 ·75	9 ·90	16	23	Thur.	3	4 ·52	14 ·25	17	24	Tues.	3	6 ·42	21 ·85	19
23	Mon.	3	4 ·65	10 ·83	17	24	Fri.	4	5 ·45	15 ·19	18	25	Wed.	4	7 ·47	22 ·92	20
24	Tues.	4	5 ·56	11 ·76	18	25	Sat.	5	6 ·38	16 ·15	19	26	Thur.	5	8 ·51	... ...	21
25	Wed.	5	6 ·46	12 ·69	19	26	Sun.	6	7 ·34	17 ·14	20	27	Fri.	6	9 ·58	23 ·00	22
26	Thur.	6	7 ·36	13 ·64	20	27	Mon.	7	8 ·31	18 ·13	21	28	Sat.	7	10 ·65	24 ·10	23
27	Fri.	7	8 ·28	14 ·58	21	28	Tues.	8	9 ·30	19 ·14	22	29	Sun.	8	11 ·73	25 ·20	24
28	Sat.	8	9 ·20	15 ·52	22	29	Wed.	9	10 ·32	20 ·17	23	30	Mon.	9	12 ·82	26 ·31	25
—29	Sun.	9	10 ·14	16 ·49	23	—30	Thur.	10	11 ·35	21 ·23	24	—31	Tues.	10	13 ·90	27 ·42	26
1	Mon.	10	11 ·09	17 ·48	24	1	Fri.	11	12 ·41	22 ·31	25	1	Wed.	11	14 ·96	1 ·51	27
2	Tues.	11	12 ·07	18 ·48	25	2	Sat.	12	13 ·48	23 ·40	26	2	Thur.	12	... ...	2 ·59	28
3	Wed.	12	13 ·05	19 ·51	26	3	Sun.	13	14 ·57	24 ·50	27	3	Fri.	13	—A ·00	3 ·64	—29
4	Thur.	13	14 ·08	20 ·55	27	4	Mon.	14	—A ·65	25 ·60	28	4	Sat.	14	1 ·02	4 ·69	1
5	Fri.	14	—A ·10	21 ·61	28	5	Tues.	15	1 ·74	26 ·71	—29	5	Sun.	15	2 ·02	5 ·70	2
6	Sat.	15	1 ·15	22 ·69	—29	6	Wed.	16	2 ·82	27 ·82	1				3 ·01		
7	Sun.	16	2 ·22	23 ·79	1	7	Thur.	17	3 ·87	1 ·90	2	6	Mon.	16	4 ·96	6 ·70	3
8	Mon.	17	3 ·32	24 ·90	2	8	Fri.	18	4 ·92	2 ·97	3	7	Tues.	17	5 ·89	7 ·67	4
9	Tues.	18	4 ·41	... ...	3	9	Sat.	19	5 ·93	... .	4	8	Wed.	18	6 ·83	8 ·63	5
10	Wed.	19	5 ·49	25 ·01	4	10	Sun.	20	6 ·95	3 ·02	5	9	Thur.	19	7 ·74	9 ·59	6
11	Thur.	20	6 ·58	26 ·11	5	11	Mon.	21	7 ·93	4 ·04	6	10	Fri.	20	8 ·66	10 ·53	7
12	Fri.	21	7 ·64	27 ·20	6	12	Tues.	22	8 ·89	5 ·05	7	11	Sat.	21	9 ·55	11 ·46	8
13	Sat.	22	8 ·68	1 ·28	7	13	Wed.	23	9 ·83	6 ·04	8	12	Sun.	22	10 ·45	12 ·39	9
14	Sun.	23	9 ·71	2 ·35	8	14	Thur.	24	10 ·76	7 ·01	9	13	Mon.	23	11 ·34	13 ·32	10
15	Mon.	24	10 ·72	3 ·39	9					8 ·97		14	Tues.	24	12 ·24	14 ·27	11
16	Tues.	25	11 ·71	4 ·40	10	15	Fri.	25	11 ·68	9 ·91	10	15	Wed.	25	13 ·15	15 ·21	12
17	Wed.	26	12 ·67	5 ·40	11	16	Sat.	26	12 ·59	10 ·85	11	16	Thur.	26	14 ·07	16 ·16	13
18	Thur.	27	13 ·63	6 ·38	12	17	Sun.	27	13 ·48	11 ·79	12	17	Fri.	27	P ·02	17 ·12	14
19	Fri.	28	14 ·55	7 ·35	13	18	Mon.	28	14 ·38	12 ·72	13				1 ·96		
20	Sat.	29	P ·46	8 ·30	14	19	Tues.	29	P ·29	13 ·65	14	18	Sat.	28	2 ·93	18 ·10	15
21	Sun.	30	1 ·38	9 ·24	15	20	Wed.	30	1 ·19	14 ·58	15	19	Sun.	29	3 ·91	19 ·10	16
22	Mon.	31	2 ·29	10 ·17	16	21	Thur.	31	2 ·10	15 ·53	16	20	Mon.	30	4 ·92	20 ·13	17
												21	Tues.	31	5 ·95	21 ·17	18
		Feb.						**April.**						**June.**			
23	Tues.	1	3 ·19	11 ·10	17	22	Fri.	1	3 ·03	16 ·49	17	22	Wed.	1	... ...	22 ·22	19
				12 ·03					4 ·96			23	Thur.	2	6 ·00	23 ·30	20
24	Wed.	2	4 ·09	13 ·97	18	23	Sat.	2	5 ·92	17 ·46	18	24	Fri.	3	7 ·08	24 ·40	21
25	Thur.	3	5 ·00	14 ·91	19	24	Sun.	3	6 ·89	18 ·45	19	25	Sat.	4	8 ·15	25 ·51	22
			6 ·90			25	Mon.	4	7 ·88	19 ·46	20	26	Sun.	5	9 ·23	26 ·61	23
26	Fri.	4	7 ·84	15 ·86	20	26	Tues.	5	8 ·90	20 ·49	21	27	Mon.	6	10 ·31	27 ·72	24
27	Sat.	5	8 ·78	16 ·82	21	27	Wed.	6	9 ·94	21 ·55	22	28	Tues.	7	11 ·40	1 ·81	25
28	Sun.	6	9 ·72	17 ·80	22	28	Thur.	7	10 ·98	22 ·61	23	29	Wed.	8	12 ·45	2 ·89	26
29	Mon.	7	10 ·70	18 ·81	23	29	Fri.	8	... ...	23 ·70	24	30	Thur.	9	13 ·49	3 ·96	27
—30	Tues.	8	11 ·69	19 ·82	24	—30	Sat.	9	11 ·06	24 ·80	25	—31	Fri.	10	14 ·51	... ...	28
1	Wed.	9	12 ·71	20 ·86	25	1	Sun.	10	12 ·14	25 ·90	26	1	Sat.	11	—A ·51	4 ·00	29
2	Thur.	10	13 ·74	21 ·92	26	2	Mon.	11	13 ·21	... ...	27	2	Sun.	12	1 ·50	5 ·02	—30
3	Fri.	11	14 ·80	... ...	27	3	Tues.	12	14 ·30	26 ·01	28	3	Mon.	13	2 ·45	6 ·02	1
4	Sat.	12	—A ·86	22 ·09	28	4	Wed.●	13	—A ·38	27 ·12	29				3 ·40	7 ·00	
5	Sun.	13	1 ·95	23 ·10	29	5	Thur.	14	1 ·44	1 ·21	—30	4	Tues.	14		8 ·98	2
6	Mon.	14	... ...	24 ·20	—30	6	Fri.	15	2 ·48	2 ·28	1	5	Wed.	15	4 ·33	9 ·93	3
7	Tues.	15	2 ·04	25 ·31	1	7	Sat.	16	3 ·49	3 ·33	2	6	Thur.	16	5 ·23	10 ·87	4
8	Wed.	16	3 ·12	26 ·41	2	8	Sun.	17	4 ·50	4 ·36	3	7	Fri.	17	6 ·14	11 ·80	5
9	Thur.	17	4 ·20	27 ·51	3	9	Mon.	18	5 ·48	5 ·38	4	8	Sat.	18	7 ·04	12 ·73	6
10	Fri.	18	5 ·27	1 ·60	4	10	Tues.	19	6 ·45	6 ·37	5				8 ·94		
11	Sat.	19	6 ·33	2 ·66	5	11	Wed.	20	7 ·38	7 ·34	6	9	Sun.	19	9 ·83	13 ·67	7
12	Sun.	20	7 ·34	3 ·70	6	12	Thur.	21	8 ·32	8 ·30	7	10	Mon.	20	10 ·74	14 ·60	8
13	Mon.	21	8 ·35	4 ·72	7	13	Fri.	22	9 ·23	9 ·25	8	11	Tues.	21	11 ·65	15 ·54	9
14	Tues.	22	9 ·33	5 ·72	8	14	Sat.	23	10 ·13	10 ·19	9	12	Wed.	22	12 ·56	16 ·49	10
15	Wed.	23	10 ·29	6 ·72	9	15	Sun.	24	11 ·03	11 ·13	10	13	Thur.	23	13 ·50	17 ·45	11
16	Thur.	24	11 ·24	7 ·68	10				12 ·93			14	Fri.	24	14 ·44	18 ·43	12
17	Fri.	25	12 ·17	8 ·63	11	16	Mon.	25	13 ·83	12 ·06	11	15	Sat.	25	P ·41	19 ·43	13
18	Sat.	26	13 ·09	9 ·57	12					13 ·98		16	Sun.	26	1 ·39	20 ·44	14
19	Sun.	27	14 ·00	10 ·51	13	17	Tues.	26	14 ·73	14 ·92	12	17	Mon.	27	2 ·41	21 ·48	15
			P ·91			18	Wed.	27	P ·65	15 ·87	13	18	Tues.	28	3 ·43	22 ·53	16
20	Mon.	28	1 ·80	11 ·44	14	19	Thur.	28	1 ·57	16 ·82	14	19	Wed.	29	4 ·48	23 ·61	17
						20	Fri.	29	2 ·51	17 ·79	15	20	Thur.	30	5 ·55	24 ·71	18
						21	Sat.	30	3 ·45	18 ·78	16						

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1763. **Kollam 939,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** } **Hijra 1177.** **Vikrama 1820.**
A—Amāvāsyā. Commences Commences **July 12.** **Bengal San. 1169.**
P—Paurnimā. **(N. Cycle) Vijaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Fri.	1	6 ·62	25 ·81	19	20	Thur.	1	9 ·98	5 ·98	22	19	Tues.	1	11 ·77	11 ·50	24
22	Sat.	2	7 ·70	26 ·91	20	21	Fri.	2	10 ·96	... ...	23	20	Wed.	2	12 ·67	12 ·43	25
23	Sun.	3	8 ·79	... ...	21	22	Sat.	3	11 ·93	6 ·00 / 7 ·99	24	21	Thur.	3	13 ·58	13 ·36	26
24	Mon.	4	9 ·87	27 ·02	22							22	Fri.	4	14 ·48	14 ·30	27
25	Tues.	5	10 ·92	1 ·11	23	23	Sun.	4	12 ·88	8 ·97	25	23	Sat.	5	—A ·39	15 ·23	28
26	Wed.	6	11 ·97	2 ·21	24	24	Mon.	5	13 ·82	9 ·93	26	24	Sun	6	1 ·30	16 ·17	—29
27	Thur.	7	12 ·99	3 ·27	25	25	Tues.	6	14 ·73	10 ·88	27	25	Mon.	7	2 ·22	17 ·12	1
28	Fri.	8	13 ·98	4 ·32	26	26	Wed.	7	—A ·62	11 ·83	28	26	Tues.	8	3 ·15	18 ·08	2
29	Sat.	9	14 ·97	5 ·34	27	27	Thur.	8	1 ·53	12 ·76	—29	27	Wed.	9	4 ·09	19 ·05	3
30	Sun.	10	—A ·93	6 ·35	28	28	Fri.	9	2 ·44	13 ·69	1	28	Thur.	10	5 ·08	20 ·05	4
31	Mon.	11	1 ·87	7 ·34	—29	29	Sat.	10	3 ·33	14 ·62	2	29	Fri.	11	6 ·06	21 ·06	5
—32	Tues.	12	2 ·80	8 ·31	1	30	Sun.	11	4 ·23	15 ·55	3	—30	Sat.	12	7 ·08	22 ·09	6
1	Wed.	13	3 ·72	9 ·26	2	31	Mon.	12	5 ·15	16 ·50	4	1	Sun.	13	8 ·10	23 ·14	7
2	Thur.	14	4 ·62	10 ·21	3	—32	Tues.	13	6 ·06	17 ·45	5	2	Mon.	14	9 ·15	24 ·21	8
3	Fri.	15	5 ·51	11 ·14	4	1	Wed.	14	7 ·00 / 8 ·94	18 ·42	6	3	Tues.	15	10 ·23	25 ·31	9
4	Sat.	16	6 ·42	12 ·07	5							4	Wed.	16	11 ·31	26 ·41	10
				13 ·01 / 14 ·94		2	Thur.	15	9 ·91	19 ·40	7	5	Thur.	17	12 ·40	27 ·52	11
5	Sun.	17	7 ·31		6	3	Fri.	16	10 ·90	20 ·40	8	6	Fri.	18	13 ·48	1 ·62	12
6	Mon.	18	8 ·21	15 ·88	7	4	Sat.	17	11 ·92	21 ·43	9	7	Sat.	19	14 ·57	2 ·72	13
7	Tues.	19	9 ·12	16 ·82	8	5	Sun.	18	12 ·93	22 ·47	10	8	Sun.	20	P ·63	3 ·82	14
			10 ·05 / 11 ·98			6	Mon.	19	13 ·98	23 ·53	11	9	Mon.	21	1 ·68	4 ·89	15
8	Wed.	20		17 ·78	9	7	Tues.	20	... ...	24 ·61	12	10	Tues.	22	2 ·71	5 ·93	16
9	Thur.	21	12 ·92	18 ·76	10	8	Wed.	21	14 ·04	25 ·70	13	11	Wed.	23	3 ·72	6 ·96	17
10	Fri.	22	13 ·89	19 ·75	11	9	Thur.	22	P ·12	26 ·81	14	12	Thur.	24	4 ·71	7 ·97	18
11	Sat.	23	14 ·87	20 ·76	12	10	Fri.	23	1 ·20	27 ·92	15	13	Fri.	25	5 ·67	8 ·97	19
12	Sun.	24	P ·88	21 ·79	13	11	Sat.	24	2 ·29	... ...	16	14	Sat.	26	6 ·62	9 ·94	20
13	Mon.	25	1 ·91	22 ·84	14	12	Sun.	25	3 ·36	1 ·03	17	15	Sun.	27	7 ·57	10 ·89	21
14	Tues.	26	2 ·95	23 ·92	15	13	Mon.	26	4 ·44	2 ·12	18	16	Mon.	28	8 ·49	11 ·84	22
15	Wed.	27	... ...	... ...	16	14	Tues.	27	5 ·48	3 ·20	19	17	Tues.	29	9 ·39	12 ·77	23
16	Thur.	28	3 ·02	24 ·01	17	15	Wed.	28	6 ·51	4 ·26	20	18	Wed.	30	10 ·29	13 ·71	24
17	Fri.	29	4 ·09	25 ·10	18	16	Thur.	29	7 ·52	5 ·30	21						
18	Sat.	30	5 ·16	26 ·21	19	17	Fri.	30	8 ·50	6 ·32	22						
19	Sun.	31	6 ·26	27 ·32	20												
	Aug.						**Oct.**						**Dec.**				
20	Mon.	1	7 ·33	1 ·43	21	18	Sat.	1	9 ·48	7 ·32	23	19	Thur.	1	11 ·20	14 ·64	25
21	Tues.	2	8 ·39	2 ·51	22	19	Sun.	2	10 ·42	8 ·30	24	20	Fri.	2	12 ·10	15 ·57	26
22	Wed.	3	9 ·44	3 ·58	23	20	Mon.	3	11 ·36	9 ·26	25				13 ·01 / 14 ·92		
23	Thur.	4	10 ·47	4 ·63	24	21	Tues.	4	12 ·27	10 ·21	26	21	Sat.	3		16 ·51	27
24	Fri.	5	11 ·47	5 ·66	25	22	Wed.	5	13 ·18	11 ·16	27	22	Sun.	4	—A ·84	17 ·45	28
25	Sat.	6	12 ·45	6 ·68	26				14 ·08			23	Mon.	5	1 ·77	18 ·41	29
26	Sun.	7	13 ·41	7 ·67	27	23	Thur.	6	A ·99	12 ·10	28	24	Tues.	6	2 ·72	19 ·39	—30
27	Mon.	8	14 ·37	8 ·64	28					13 ·02 / 14 ·96		25	Wed.	7	3 ·71	20 ·37	1
28	Tues.	9	—A ·29	9 ·60	29	24	Fri.	7	1 ·89		29	26	Thur.	8	4 ·69	21 ·38	2
29	Wed.	10	1 ·21	10 ·54	—30	25	Sat.	8	2 ·78	15 ·90	—30	27	Fri.	9	5 ·71	22 ·41	3
30	Thur.	11	2 ·11	11 ·48	1	26	Sun.	9	3 ·70	16 ·84	1	28	Sat.	10	6 ·74	23 ·45	4
			3 ·01 / 4 ·92			27	Mon.	10	4 ·62	17 ·78	2	—29	Sun.	11	7 ·81	24 ·53	5
—31	Fri.	12		12 ·42	2	28	Tues.	11	5 ·56	18 ·75	3	1	Mon.	12	8 ·87	25 ·61	6
1	Sat.	13	5 ·82	13 ·35	3	29	Wed.	12	6 ·50	19 ·72	4	2	Tues.	13	9 ·95	26 ·71	7
2	Sun.	14	6 ·71	14 ·28	4	—30	Thur.	13	7 ·48	20 ·73	5	3	Wed.	14	... ...	27 ·82	8
3	Mon.	15	7 ·62	15 ·22	5	1	Fri.	14	8 ·46	21 ·74	6	4	Thur.	15	10 ·04	1 ·92	9
4	Tues.	16	8 ·54	16 ·16	6	2	Sat.	15	9 ·48	22 ·78	7	5	Fri.	16	11 ·13	... ...	10
5	Wed.	17	9 ·48	17 ·12	7	3	Sun.	16	10 ·50	23 ·84	8	6	Sat.	17	12 ·21	2 ·08	11
6	Thur.	18	10 ·42	18 ·09	8	4	Mon.	17	11 ·55	24 ·91	9	7	Sun.	18	13 ·27	3 ·12	12
7	Fri.	19	11 ·38	19 ·07	9	5	Tues.	18	12 ·61	... ...	10	8	Mon.	19	14 ·33	4 ·19	13
8	Sat.	20	12 ·37	20 ·08	10	6	Wed.	19	13 ·69	25 ·00	11	9	Tues.	20	P ·35	5 ·25	14
9	Sun.	21	13 ·33	21 ·10	11	7	Thur.	20	14 ·78	26 ·11	12	10	Wed.	21	1 ·36	6 ·28	15
10	Mon.	22	14 ·40	22 ·16	12	8	Fri.	21	P ·86	27 ·22	13	11	Thur.	22	2 ·34	7 ·30	16
11	Tues.	23	P ·46	23 ·22	13	9	Sat.	22	1 ·95	1 ·32	14	12	Fri.	23	3 ·31	8 ·29	17
12	Wed.	24	1 ·51	24 ·31	14	10	Sun.	23	... ...	2 ·42	15	13	Sat.	24	4 ·26	9 ·27	18
13	Thur.	25	2 ·59	25 ·40	15	11	Mon.	24	2 ·02	3 ·50	16	14	Sun.	25	5 ·18	10 ·23	19
14	Fri.	26	3 ·67	26 ·51	16	12	Tues.	25	3 ·06	4 ·58	17	15	Mon.	26	6 ·11	11 ·17	20
15	Sat.	27	4 ·77	27 ·62	17	13	Wed.	26	4 ·09	5 ·62	18				7 ·02 / 8 ·93		
16	Sun.	28	5 ·84	1 ·73	18	14	Thur.	27	5 ·10	6 ·64	19	16	Tues.	27		12 ·11	21
17	Mon.	29	6 ·91	2 ·82	19	15	Fri.	28	6 ·09	7 ·64	20					13 ·05 / 14 ·98	
18	Tues.	30	7 ·94	3 ·89	20	16	Sat.	29	7 ·05	8 ·63	21	17	Wed.	28	9 ·83		22
19	Wed.	31	8 ·96	4 ·94	21				8 ·00 / 9 ·95			18	Thur.	29	10 ·78	15 ·91	23
						17	Sun.	30		9 ·60	22	19	Fri.	30	11 ·64	16 ·84	24
						18	Mon.	31	10 ·86	10 ·56	23	20	Sat.	31	12 ·56	17 ·80	25

Subhānu. **Mithuna—Ādi.** *Bahula.* *Sukla.* *Bahula.* *H.* 1177 *Muharram.*

Subhānu. **Karkaṭaka—Āḍi.** *Bahula.* *Sukla.* *Bahula.* *H.* 1177 *Śafar.*

Subhānu. **Siṁha—Āvaṇi.** *Bahula.* *Sukla.* *Bahula.* *H.* 1177 *Jamāda'l awwal.*

Subhānu. **Kanyā—Puraṭṭāsi.** *Bahula.* *Sukla.* *Bahula.* *H.* 1177 *Rabī-ul awwal.*

Subhānu. **Tulā—Aippasi.** *Bahula.* *Sukla.* *Bahula.* *H.* 1177 *Rabī-ul ākhir.*

Subhānu. **Vṛśchika—Kārttigai.** *Bahula.* *Sukla.* *Bahula.* *H.* 1177 *Jamāda'l ākhir.*

Subhānu. **Dhanus—Mārgaḷi.** *Bahula.* *Sukla.* *Bahula.*

Subhānu. **Mārgaśīrsha.** *Bahula.* *Sukla.* *Bahula.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1764. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·43.** **Śaka 1686.** **Kaliyuga 4865.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·33.** **(S. Cycle) Tāraṇa.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
21	Sun. 1	13 ·48	18 ·75	26
22	Mon. 2	14 ·41	19 ·71	27
23	Tues. 3	—A ·37	20 ·70	28
24	Wed. 4	1 ·35	21 ·70	—29
25	Thur. 5	2 ·34	22 ·72	1
26	Fri. 6	3 ·35	23 ·77	2
27	Sat. 7	4 ·39	24 ·83	3
28	Sun. 8	5 ·45	25 ·91	4
29	Mon. 9	6 ·52	... ...	5
—30	Tues. 10	7 ·61	26 ·01	6
1	Wed. 11	8 ·69	27 ·11	7
2	Thur. 12	9 ·78	1 ·23	8
3	Fri. 13	10 ·86	2 ·33	9
4	Sat. 14	11 ·92	3 ·42	10
5	Sun. 15	12 ·97	4 ·50	11
6	Mon. 16	13 ·99	5 ·56	12
7	Tues. 17	... ...	6 ·61	13
8	Wed. 18	14 ·01 / P ·99	7 ·62	14
9	Thur. 19	1 ·96	8 ·62	15
10	Fri. 20	2 ·91	9 ·60	16
11	Sat. 21	3 ·83	10 ·56	17
12	Sun. 22	4 ·75	11 ·52	18
13	Mon. 23	5 ·66	12 ·46	19
14	Tues. 24	6 ·57	13 ·39	20
15	Wed. 25	7 ·46	14 ·32	21
16	Thur. 26	8 ·37	15 ·25	22
17	Fri. 27	9 ·28	16 ·19	23
18	Sat. 28	10 ·19	17 ·13	24
19	Sun. 29	11 ·12	18 ·08	25
20	Mon. 30	12 ·05	19 ·04	26
21	Tues. 31	13 ·02 / 14 ·99	20 ·02	27
	Feb.			
22	Wed. 1	—A ·98	21 ·02	28
23	Thur. 2	1 ·99	22 ·03	29
24	Fri. 3	... ...	23 ·08	—30
25	Sat. 4	2 ·04	24 ·14	1
26	Sun. 5	3 ·10	25 ·22	2
27	Mon. 6	4 ·17	26 ·31	3
28	Tues. 7	5 ·25	27 ·42	4
—29	Wed. 8	6 ·34	1 ·53	5
1	Thur. 9	7 ·43	2 ·63	6
2	Fri. 10	8 ·50	3 ·73	7
3	Sat. 11	9 ·57	4 ·81	8
4	Sun. 12	10 ·61	5 ·88	9
5	Mon. 13	11 ·64	6 ·92	10
6	Tues. 14	12 ·64	7 ·94	11
7	Wed. 15	13 ·62	8 ·94	12
8	Thur. 16	14 ·59	9 ·92	13
9	Fri. 17	P ·53	10 ·90	14
10	Sat. 18	1 ·46	11 ·85	15
11	Sun. 19	2 ·38	12 ·79	16
12	Mon. 20	3 ·29	13 ·73	17
13	Tues. 21	4 ·19	14 ·66	18
14	Wed. 22	5 ·08 / 6 ·99	15 ·59	19
15	Thur. 23	7 ·90	16 ·53	20
16	Fri. 24	8 ·81	17 ·47	21
17	Sat. 25	9 ·73	18 ·41	22
18	Sun. 26	10 ·67	19 ·37	23
19	Mon. 27	11 ·63	20 ·35	24
20	Tues. 28	12 ·60	21 ·35	25
21	Wed. 29	13 ·60	22 ·36	26

Subhānu. **Makara—Tai.** *Pausha.* *Sukla.* *H.* 1177 *Rajab.*
Subhānu. **Kumbha—Māgh.** *Māgha.* *Bahula.* *H.* 1177 *Sha'bān.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
22	Thur. 1	14 ·61	23 ·89	27
23	Fri. 2	—A ·66	24 ·45	28
24	Sat. 3	1 ·71	25 ·52	—29
25	Sun. 4	2 ·78	26 ·62	1
26	Mon. 5	3 ·87	27 ·72	2
27	Tues. 6	4 ·96	1 ·82	3
28	Wed. 7	... ...	2 ·93	4
29	Thur. 8	5 ·05	... ...	5
—30	Fri. 9	6 ·12	3 ·03	6
1	Sat. 10	7 ·18	4 ·12	7
2	Sun. 11	8 ·22	5 ·19	8
3	Mon. 12	9 ·24	6 ·24	9
4	Tues. 13	10 ·24	7 ·26	10
5	Wed. 14	11 ·23	8 ·27	11
6	Thur. 15	12 ·19	9 ·25	12
7	Fri. 16	13 ·12	10 ·23	13
8	Sat. ○ 17	14 ·05 / P ·97	11 ·19	14
9	Sun. 18	1 ·88	12 ·13	15
10	Mon. 19	2 ·78	13 ·07	16
11	Tues. 20	3 ·68	14 ·00 / 15 ·94	17
12	Wed. 21	4 ·58	16 ·87	18
13	Thur. 22	5 ·49	17 ·80	19
14	Fri. 23	6 ·40	18 ·75	20
15	Sat. 24	7 ·32	19 ·70	21
16	Sun. 25	8 ·26	20 ·68	22
17	Mon. 26	9 ·22	21 ·67	23
18	Tues. 27	10 ·20	22 ·68	24
19	Wed. 28	11 ·18	23 ·71	25
20	Thur. 29	12 ·21	24 ·76	26
21	Fri. 30	13 ·24	25 ·83	27
22	Sat. 31	14 ·29	26 ·92	28
	April.			
23	Sun. ● 1	—A ·37	... ...	29
24	Mon. 2	1 ·45	27 ·02	—30
25	Tues. 3	2 ·54	1 ·12	1
26	Wed. 4	3 ·62	2 ·23	2
27	Thur. 5	4 ·70	3 ·34	3
28	Fri. 6	5 ·75	4 ·43	4
29	Sat. 7	6 ·79	5 ·50	5
—30	Sun. 8	7 ·82	6 ·55	6
1	Mon. 9	8 ·80	7 ·58	7
2	Tues. 10	9 ·79	8 ·59	8
3	Wed. 11	10 ·75	9 ·59	9
4	Thur. 12	11 ·69	10 ·56	10
5	Fri. 13	12 ·61	11 ·52	11
6	Sat. 14	13 ·53	12 ·47	12
7	Sun. 15	14 ·44	13 ·40	13
8	Mon. 16	P ·34	14 ·35	14
9	Tues. 17	1 ·24	15 ·27	15
10	Wed. 18	2 ·14	16 ·20	16
11	Thur. 19	3 ·05 / 4 ·95	17 ·14	17
12	Fri. 20	5 ·87	18 ·08	18
13	Sat. 21	6 ·80	19 ·04	19
14	Sun. 22	7 ·76	20 ·01	20
15	Mon. 23	8 ·74	21 ·00	21
16	Tues. 24	9 ·72	22 00	22
17	Wed. 25	10 ·74	23 ·02	23
18	Thur. 26	11 ·78	24 ·08	24
19	Fri. 27	12 ·84	25 ·14	25
20	Sat. 28	13 ·91	26 ·22	26
21	Sun. 29	14 ·97	27 ·32	27
22	Mon. 30	... ...	1 ·42	28

Tārana. **Mēsha—Chittirai.** *Sukla.* *Phālguna.* *Bahula.* *Chaitra.* *Sukla.* *H.* 1177 *Shawwāl.*
Tārana. **Mīna—Pan.** *Bahula.* *Bahula.* *Vaiśākha.* *Sukla.* *H.* 1177 *Ramazān.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
23	Tues. 1	—A ·07	2 ·53	—29
24	Wed. 2	1 ·14	3 ·64	1
25	Thur. 3	2 ·22	4 ·73	2
26	Fri. 4	3 ·28	5 ·81	3
27	Sat. 5	4 ·33	6 ·86	4
28	Sun. 6	5 ·34	7 ·90	5
29	Mon. 7	6 ·34	8 ·92	6
30	Tues. 8	7 ·32	9 ·92	7
—31	Wed. 9	8 ·28	10 ·89	8
1	Thur. 10	9 ·22	11 ·85	9
2	Fri. 11	10 ·13	12 ·80	10
3	Sat. 12	11 ·05 / 12 ·96	13 ·75	11
4	Sun. 13	13 ·87	14 ·68	12
5	Mon. 14	14 ·76	15 ·61	13
6	Tues. 15	P ·65	16 ·54	14
7	Wed. 16	1 ·56	17 ·48	15
8	Thur. 17	2 ·46	18 ·43	16
9	Fri. 18	3 ·39	19 ·38	17
10	Sat. 19	4 ·33	20 ·34	18
11	Sun. 20	5 ·28	21 ·32	19
12	Mon. 21	6 ·25	22 ·32	20
13	Tues. 22	7 ·23	23 ·35	21
14	Wed. 23	8 ·25	24 ·38	22
15	Thur. 24	9 ·28	25 ·44	23
16	Fri. 25	10 ·34	26 ·52	24
17	Sat. 26	11 ·41	27 ·62	25
18	Sun. 27	12 ·49	1 ·72	26
19	Mon. 28	13 ·56	2 ·84	27
20	Tues. 29	14 ·65	3 ·94	28
21	Wed. 30	—A ·73	... ...	29
22	Thur. 31	1 ·77	4 ·03	—30
	June.			
23	Fri. 1	2 ·81	5 ·11	1
24	Sat. 2	3 ·83	6 ·17	2
25	Sun. 3	4 ·84	7 ·22	3
26	Mon. 4	5 ·81	8 ·24	4
27	Tues. 5	6 ·78	9 ·24	5
28	Wed. 6	7 ·72	10 ·22	6
29	Thur. 7	8 ·64	11 ·19	7
30	Fri. 8	9 ·55	12 ·15	8
31	Sat. 9	10 ·46	13 ·09	9
—32	Sun. 10	11 ·37	14 ·02 / 15 ·95	10
1	Mon. 11	12 ·26	16 ·88	11
2	Tues. 12	13 ·16	17 ·82	12
3	Wed. 13	14 ·05 / P ·95	18 ·76	13
4	Thur. 14	1 ·88	19 ·71	14
5	Fri. 15	2 ·81	20 ·67	15
6	Sat. 16	3 ·77	21 ·65	16
7	Sun. 17	4 ·73	22 ·64	17
8	Mon. 18	5 ·72	23 ·66	18
9	Tues. 19	6 ·73	24 ·70	19
10	Wed. 20	7 ·77	25 ·75	20
11	Thur. 21	8 ·81	26 ·83	21
12	Fri. 22	9 ·88	27 ·92	22
13	Sat. 23	10 ·96	... ...	23
14	Sun. 24	... ...	1 ·03	24
15	Mon. 25	11 ·03	2 ·13	25
16	Tues. 26	12 ·12	3 ·24	26
17	Wed. 27	13 ·20	4 ·34	27
18	Thur. 28	14 ·25	5 ·42	28
19	Fri. 29	—A ·29	6 ·49	29
20	Sat. 30	1 ·31	7 ·54	—30

Tārana. **Mithuna—Āni.** *Sukla.* *Jyeshtha.* *Bahula.* *H.* 1177 *Zi-l-ḥijja.*
Tārana. **Vṛishabha—Vaigā.** *Bahula.* *Vaiśākha.* *Sukla.* *H.* 1177 *Zi-l-ḳi'da.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1764. **Kollam 940,** { **N. Malabar—Sep.** **Hijra 1178.** **Vikrama 1821.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 1.** **Bengal San. 1170.**
P—Paurnimā. **(N. Cycle) Jaya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Sun.	1	2 ·32	8 ·56	1	20	Sat.	1	*Sukla.* 6 ·74	16 ·91	4	20	Thur.	1	8 ·39	22 ·27	6
22	Mon.	2	3 ·29	9 ·57	2	21	Sun.	2	7 ·64	17 ·84	5	21	Fri.	2	9 ·36	23 ·27	7
23	Tues.	3	4 ·26	10 ·55	3	22	Mon.	3	8 ·54	18 ·77	6	22	Sat.	3	10 ·35	24 ·28	8
24	Wed.	4	5 ·20	11 ·53	4	23	Tues.	4	9 ·45	19 ·71	7	23	Sun.	4	11 ·37	25 ·31	9
25	Thur.	5	6 ·12	12 ·48	5	24	Wed.	5	10 ·37	20 ·67	8	24	Mon.	5	12 ·39	26 ·36	10
26	Fri.	6	7 ·03 8 ·94	13 ·43	6	25	Thur.	6	11 ·30	21 ·64	9	25	Tues.	6	13 ·45	27 ·43	11
27	Sat.	7	9 ·83	14 ·36	7	26	Fri.	7	12 ·24	22 ·62	10	26	Wed.	7	14 ·52	1 ·52	12
28	Sun.	8	10 ·73	15 ·29	8	27	Sat.	8	13 ·22	23 ·62	11	27	Thur.	8	P ·61	2 ·63	13
29	Mon.	9	11 ·63	16 ·23	9	28	Sun.	9	14 ·20	24 ·64	12	28	Fri.	9	1 ·70	3 ·74	14
30	Tues.	10	12 ·52	17 ·16	10	29	Mon.	○ 10	P ·22	25 ·69	13	29	Sat.	10	2 ·79	4 ·84	15
31	Wed.	11	13 ·44	18 ·10	11	30	Tues.	11	1 ·24	26 ·75	14	30	Sun.	11	3 ·86	5 ·94	16
1	Thur.	12	14 ·36	19 ·04	12	31	Wed.	12	2 ·30	27 ·83	15	1	Mon.	12	4 ·93	... ...	17
2	Fri.	13	P ·30	20 ·00 21 ·97	13	1	Thur.	13	3 ·36	1 ·92	16	2	Tues.	13	5 ·97	6 ·03	18
3	Sat.	14	1 ·24	22 ·97	14	2	Fri.	14	4 ·44	... ...	17	3	Wed.	14	... ...	7 ·11	19
4	Sun.	15	2 ·21	23 ·98	15	3	Sat.	15	5 ·53	2 ·03	18	4	Thur.	15	6 ·00	8 ·15	20
5	Mon.	16	3 ·20	... ...	16	4	Sun.	16	6 ·61	3 ·14	19	5	Fri.	16	7 ·01 8 ·99	9 ·18	21
6	Tues.	17	4 ·20	24 ·01	17	5	Mon.	17	7 ·69	4 ·24	20	6	Sat.	17	9 ·96	10 ·19	22
7	Wed.	18	5 ·24	25 ·06	18	6	Tues.	18	8 ·75	5 ·34	21	7	Sun.	18	10 ·92	11 ·17	23
8	Thur.	19	6 ·29	26 ·13	19	7	Wed.	19	9 ·80	6 ·42	22	8	Mon.	19	11 ·85	12 ·16	24
9	Fri.	20	7 ·36	27 ·23	20	8	Thur.	20	10 ·81	7 ·48	23	9	Tues.	20	12 ·76	13 ·11	25
10	Sat.	21	8 ·42	1 ·33	21	9	Fri.	21	11 ·82	8 ·51	24	10	Wed.	21	13 ·66	14 ·06 15 ·99	26
11	Sun.	22	9 ·51	2 ·43	22	10	Sat.	22	12 ·81	9 ·54	25	11	Thur.	22	14 ·58	16 ·92	27
12	Mon.	23	10 ·60	3 ·54	23	11	Sun.	23	13 ·78	10 ·54	26	12	Fri.	23	A ·48	17 ·86	28
13	Tues.	24	11 ·66	4 ·64	24	12	Mon.	24	14 ·73	11 ·52	27	13	Sat.	24	1 ·39	18 ·79	29
14	Wed.	25	12 ·72	5 ·73	25	13	Tues.	25	A ·65	12 ·48	28	14	Sun.	25	2 ·28	19 ·73	30
15	Thur.	26	13 ·77	6 ·80	26	14	Wed.	26	1 ·57	13 ·43	29	15	Mon.	26	3 ·20	20 ·66	1
16	Fri.	27	14 ·80	7 ·85	27	15	Thur.	27	2 ·48	14 ·38	30	16	Tues.	27	4 ·12	21 ·63	2
17	Sat.	28	A ·79	8 ·88	28	16	Fri.	28	3 ·38	15 ·32	1	17	Wed.	28	5 ·05	22 ·60	3
18	Sun.	29	1 ·78	9 ·89	29	17	Sat.	29	4 ·29	16 ·24	2	18	Thur.	29	6 ·01 7 ·99	23 ·59	4
19	Mon.	30	2 ·74	10 ·89	30	18	Sun.	30	5 ·18	17 ·17	3	19	Fri.	30	8 ·99	24 ·60	5
20	Tues.	31	3 ·67	11 ·86	1												
	Aug.						**Oct.**						**Dec.**				
21	Wed.	1	4 ·61	12 ·82	2	19	Mon.	1	6 ·08 7 ·99	18 ·11	4	20	Sat.	1	9 ·99	25 ·63	6
22	Thur.	2	5 ·52	13 ·76	3	20	Tues.	2	8 ·92	19 ·06	5	21	Sun.	2	... ...	26 ·67	7
23	Fri.	3	6 ·43	14 ·70	4	21	Wed.	3	9 ·85	20 ·00 21 ·97	6	22	Mon.	3	10 ·03	27 ·74	8
24	Sat.	4	7 ·32	15 ·63	5	22	Thur.	4	10 ·80	22 ·94	7	23	Tues.	4	11 ·08	1 ·83	9
25	Sun.	5	8 ·23	16 ·57	6	23	Fri.	5	11 ·77	23 ·94	8	24	Wed.	5	12 ·16	2 ·93	10
26	Mon.	6	9 ·13	17 ·50	7	24	Sat.	6	12 ·75	24 ·95	9	25	Thur.	6	13 ·24	... ...	11
27	Tues.	7	10 ·02 11 ·93	18 ·43	8	25	Sun.	7	13 ·78	... ...	10	26	Fri.	7	14 ·33	3 ·04	12
28	Wed.	8	12 ·85	19 ·38	9	26	Mon.	8	14 ·80	25 ·00	11	27	Sat.	8	P ·42	4 ·14	13
29	Thur.	9	13 ·79	20 ·33	10	27	Tues.	9	P ·86	26 ·06	12	28	Sun.	9	1 ·49	5 ·24	14
30	Fri.	10	14 ·73	21 ·31	11	28	Wed.	10	1 ·92	27 ·13	13	29	Mon.	10	2 ·57	6 ·34	15
31	Sat.	11	P ·71	22 ·29	12	29	Thur.	11	... ...	1 ·22	14	30	Tues.	11	3 ·62	7 ·41	16
32	Sun.	12	1 ·68	23 ·30	13	30	Fri.	12	2 ·01	2 ·32	15	1	Wed.	12	4 ·64	8 ·47	17
1	Mon.	13	2 ·69	24 ·32	14	1	Sat.	13	3 ·09	3 ·44	16	2	Thur.	13	5 ·64	9 ·50	18
2	Tues.	14	3 ·72	25 ·37	15	2	Sun.	14	4 ·17	4 ·55	17	3	Fri.	14	6 ·63	10 ·51	19
3	Wed.	15	4 ·77	26 ·44	16	3	Mon.	15	5 ·25	5 ·64	18	4	Sat.	15	7 ·60	11 ·51	20
4	Thur.	16	5 ·85	27 ·53	17	4	Tues.	16	6 ·32	6 ·72	19	5	Sun.	16	8 ·54	12 ·49	21
5	Fri.	17	6 ·92	1 ·62	18	5	Wed.	17	7 ·37	7 ·79	20	6	Mon.	17	9 ·47	13 ·44	22
6	Sat.	18	... ...	2 ·73	19	6	Thur.	18	8 ·38	8 ·84	21	7	Tues.	18	10 ·39	14 ·39	23
7	Sun.	19	7 ·01	3 ·83	20	7	Fri.	19	9 ·40	9 ·86	22	8	Wed.	19	11 ·30	15 ·33	24
8	Mon.	20	8 ·09	4 ·95	21	8	Sat.	20	10 ·38	10 ·86	23	9	Thur.	20	12 ·20	16 ·27	25
9	Tues.	21	9 ·17	... ...	22	9	Sun.	21	11 ·36	11 ·85	24	10	Fri.	21	13 ·11	17 ·20	26
10	Wed.	22	10 ·23	5 ·05	23	10	Mon.	22	12 ·31	12 ·82	25	11	Sat.	22	14 ·01 A ·91	18 ·12	27
11	Thur.	23	11 ·26	6 ·11	24	11	Tues.	23	13 ·23	13 ·78	26	12	Sun.	23	1 ·84	19 ·06	28
12	Fri.	24	12 ·28	7 ·16	25	12	Wed.	24	14 ·15	14 ·72	27	13	Mon.	24	2 ·76	20 ·01 21 ·96	29
13	Sat.	25	13 ·29	8 ·20	26	13	Thur.	25	A ·05 1 ·96	15 ·65	28	14	Tues.	25	3 ·70	22 ·93	1
14	Sun.	26	14 ·28	9 ·22	27	14	Fri.	26	2 ·86	16 ·58	29	15	Wed.	26	4 ·65	23 ·92	2
15	Mon.	27	A ·24	10 ·21	28	15	Sat.	27	3 ·77	17 ·51	1	16	Thur.	27	5 ·64	24 ·92	3
16	Tues.	28	1 ·20	11 ·19	29	16	Sun.	28	4 ·66	18 ·45	2	17	Fri.	28	6 ·62	25 ·94	4
17	Wed.	29	2 ·12	12 ·15	1	17	Mon.	29	5 ·58	19 ·39	3	18	Sat.	29	7 ·63	26 ·98	5
18	Thur.	30	3 ·02 4 ·93	13 ·10	2	18	Tues.	30	6 ·51	20 ·34	4	19	Sun.	30	8 ·68	... ...	6
19	Fri.	31	5 ·83	14 ·04 15 ·98	3	19	Wed.	31	7 ·44	21 ·30	5	20	Mon.	31	9 ·74	27 ·05	7

Tāraṇa. **Karkataka—Āḍi.** *H.* 1178 *Muharram.* *Tāraṇa.* **Kanyā—Puraṭṭāśi.** *H.* 1178 *Rabī-ul awwal.* *Tāraṇa.* **Vṛiśchika—Kārttigai.** *H.* 1178 *Jamāda'l awwal.*

Tāraṇa. **Siṁha—Āvaṇi.** *H.* 1178 *Śafar.* *Tāraṇa.* **Tulā—Aippaśi.** *H.* 1178 *Rabī-ul ākhir.* *Tāraṇa.* **Dhanus—Mārgaḷi.** *H.* 1178 *Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1765. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·69.** **Śaka 1687.** **Kaliyuga 4866.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·59.** **(S. Cycle) Pārthiva.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
21	Tues. 1	10 ·81	1 ·14	8
22	Wed. 2	11 ·89	2 ·23	9
23	Thur. 3	12 ·99	3 ·33	10
24	Fri. 4	... ..	4 ·44	11
25	Sat. 5	13 ·07	5 ·55	12
26	Sun. 6	14 ·14	6 ·64	13
27	Mon. 7	P ·22	7 ·72	14
28	Tues. 8	1 ·26	8 ·78	15
—29	Wed. 9	2 ·29	9 ·82	16
1	Thur. 10	3 ·29	10 ·84	17
2	Fri. 11	4 ·28	11 ·84	18
3	Sat. 12	5 ·24	12 ·82	19
4	Sun. 13	6 ·19	13 ·79	20
5	Mon. 14	7 ·12	14 ·73	21
6	Tues. 15	8 ·03 9 ·94	15 ·67	22
7	Wed. 16	10 ·85	16 ·61	23
8	Thur. 17	11 ·75	17 ·54	24
9	Fri. 18	12 ·65	18 ·47	25
10	Sat. 19	13 ·56	19 ·40	26
11	Sun. 20	14 ·48	20 ·34	27
12	Mon. 21	—A ·40	21 ·30	28
13	Tues. 22	1 ·34	22 ·26	29
14	Wed. 23	2 ·30	23 ·24	—30
15	Thur. 24	3 ·28	24 ·24	1
16	Fri. 25	4 ·27	25 ·25	2
17	Sat. 26	5 ·30	26 ·30	3
18	Sun. 27	6 ·34	27 ·36	4
19	Mon. 28	7 ·39	1 ·44	5
20	Tues. 29	8 ·46	2 ·53	6
21	Wed. 30	9 ·55	3 ·63	7
22	Thur. 31	10 ·64	4 ·75	8
	Feb.			
23	Fri. 1	11 ·72	5 ·85	9
24	Sat. 2	12 ·80	6 ·95	10
25	Sun. 3	13 ·87	... ...	11
26	Mon. 4	14 ·91	7 ·03	12
27	Tues. 5	P ·93	8 ·09	13
28	Wed. 6	1 ·93	9 ·14	14
—29	Thur. 7	2 ·92	10 ·16	15
1	Fri. 8	3 ·87	11 ·16	16
2	Sat. 9	4 ·81	12 ·14	17
3	Sun. 10	5 ·74	13 ·11	18
4	Mon. 11	6 ·66	14 ·06	19
5	Tues. 12	7 ·57	15 ·01 16 ·95	20
6	Wed. 13	8 ·47	17 ·88	21
7	Thur. 14	9 ·37	18 ·81	22
8	Fri. 15	10 ·27	19 ·74	23
9	Sat. 16	11 ·19	20 ·68	24
10	Sun. 17	12 ·10	21 ·62	25
11	Mon. 18	13 ·03 14 ·96	22 ·59	26
12	Tues. 19	A ·92	23 ·57	27
13	Wed. 20	1 ·90	24 ·56	28
14	Thur. 21	2 ·90	25 ·58	—29
15	Fri. 22	3 ·93	26 ·61	1
16	Sat. 23	4 ·96	27 ·67	2
17	Sun. 24	... ...	1 ·74	3
18	Mon. 25	5 ·02	2 ·83	4
19	Tues. 26	6 ·08	3 ·94	5
20	Wed. 27	7 ·16	... ...	6
21	Thur. 28	8 ·25	4 ·05	7

Tārana. **Makara—Tai.** *Pausha.* *Bahula.* *H.* 1178 *Rajab.* *Śukla.* **Kumbha—Māsi.** *Tārana.* *Māgha.* *Bahula.* *H.* 1178 *Śha'bán.* *Śukla.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
22	Fri. 1	9 ·34	5 ·15	8
23	Sat. 2	10 ·42	6 ·25	9
24	Sun. 3	11 ·48	7 ·33	10
25	Mon. 4	12 ·53	8 ·40	11
26	Tues. 5	13 ·54	9 ·46	12
27	Wed. 6	14 ·54	10 ·48	13
28	Thur. ○ 7	P ·52	11 ·49	14
29	Fri. 8	1 ·47	12 ·47	15
—30	Sat. 9	2 ·42	13 ·44	16
1	Sun. 10	3 ·35	14 ·41	17
2	Mon. 11	4 ·27	15 ·35	18
3	Tues. 12	5 ·17	16 ·29	19
4	Wed. 13	6 ·08 7 ·97	17 ·22	20
5	Thur. 14	8 ·87	18 ·15	21
6	Fri. 15	9 ·78	19 ·09	22
7	Sat. 16	10 ·69	20 ·02 21 ·97	23
8	Sun. 17	11 ·62	22 ·92	24
9	Mon. 18	12 ·56	23 ·89	25
10	Tues. 19	13 ·53	24 ·89	26
11	Wed. 20	14 ·50	25 ·90	27
12	Thur. 21	—A ·50	26 ·93	28
13	Fri. 22	1 ·52	27 ·98	29
14	Sat. 23	2 ·55	... ...	—30
15	Sun. 24	3 ·61	1 ·04	1
16	Mon. 25	4 ·68	2 ·14	2
17	Tues. 26	5 ·77	3 ·24	3
18	Wed. 27	6 ·85	4 ·34	4
19	Thur. 28	7 ·84	5 ·45	5
20	Fri. 29	... ...	6 ·55	6
21	Sat. 30	8 ·01	7 ·64	7
22	Sun. 31	9 ·06	8 ·72	8
	April.			
23	Mon. 1	10 ·11	9 ·77	9
24	Tues. 2	11 ·12	10 ·80	10
25	Wed. 3	12 ·12	11 ·81	11
26	Thur. 4	13 ·10	12 ·80	12
27	Fri. 5	14 ·05 P ·99	13 ·78	13
28	Sat. 6	1 ·93	14 ·74	14
29	Sun. 7	2 ·84	15 ·69	15
30	Mon. 8	3 ·74	16 ·62	16
—31	Tues. 9	4 ·64	17 ·55	17
1	Wed. 10	5 ·53	18 ·49	18
2	Thur. 11	6 ·44	19 ·42	19
3	Fri. 12	7 ·34	20 ·36	20
4	Sat. 13	8 ·26	21 ·30	21
5	Sun. 14	9 ·18	22 ·25	22
6	Mon. 15	10 ·11	23 ·23	23
7	Tues. 16	11 ·08	24 ·22	24
8	Wed. 17	12 ·05	25 ·22	25
9	Thur. 18	13 ·05	26 ·24	26
10	Fri. 19	14 ·07	27 ·28	27
11	Sat. 20	A ·11	1 ·35	28
12	Sun. 21	1 ·16	2 ·44	29
13	Mon. 22	2 ·22	3 ·54	1
14	Tues. 23	3 ·30	4 ·64	2
15	Wed. 24	4 ·39	5 ·75	3
16	Thur. 25	5 ·18	6 ·85	4
17	Fri. 26	6 ·55	7 ·95	5
18	Sat. 27	7 ·61	... ...	6
19	Sun. 28	8 ·65	8 ·03	7
20	Mon. 29	9 ·67	9 ·08	8
21	Tues. 30	10 ·65	10 ·12	9

Tārana. **Mīna—Pañguni.** *Phālguna.* *Bahula.* *H.* 1178 *Ramazán.* *Śukla.* **Mēsha—Chittirai.** *Pārthiva.* *Chaitra.* *Bahula.* *H.* 1178 *Shawwál.* *Śukla.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
22	Wed. 1	11 ·63	11 ·13	10
23	Thur. 2	12 ·58	12 ·14	11
24	Fri. 3	13 ·52	13 ·11	12
25	Sat. 4	14 ·46	14 ·07	13
26	Sun. 5	P ·37	15 ·02 16 ·97	14
27	Mon. 6	1 ·28	17 ·90	15
28	Tues. 7	2 ·17	18 ·83	16
29	Wed. 8	3 ·06 4 ·97	19 ·76	17
30	Thur. 9	5 ·87	20 ·70	18
—31	Fri. 10	6 ·79	21 ·64	19
1	Sat. 11	7 ·71	22 ·59	20
2	Sun. 12	8 ·65	23 ·56	21
3	Mon. 13	9 ·60	24 ·54	22
4	Tues. 14	10 ·57	25 ·54	23
5	Wed. 15	11 ·57	26 ·56	24
6	Thur. 16	12 ·58	27 ·60	25
7	Fri. 17	13 ·62	1 ·67	26
8	Sat. 18	14 ·67	2 ·74	27
9	Sun. 19	—A ·74	3 ·84	28
10	Mon. 20	1 ·83	4 ·94	29
11	Tues. 21	2 ·90	... ...	—30
12	Wed. 22	3 ·98	5 ·05	1
13	Thur. 23	... ...	6 ·16	2
14	Fri. 24	4 ·05	7 ·25	3
15	Sat. 25	5 ·11	8 ·33	4
16	Sun. 26	6 ·14	9 ·39	5
17	Mon. 27	7 ·17	10 ·43	6
18	Tues. 28	8 ·16	11 ·46	7
19	Wed. 29	9 ·14	12 ·46	8
20	Thur. 20	10 ·09	13 ·44	9
21	Fri. 31	11 ·03 12 ·96	14 ·38	10
	June.			
22	Sat. 1	13 ·86	15 ·36	11
23	Sun. 2	14 ·77	16 ·31	12
24	Mon. 3	P ·67	17 ·24	13
25	Tues. 4	1 ·57	18 ·17	14
26	Wed. 5	2 ·46	19 ·10	15
27	Thur. 6	3 ·36	20 ·03 21 ·97	16
28	Fri. 7	4 ·29	22 ·93	17
29	Sat. 8	5 ·21	23 ·89	18
30	Sun. 9	6 ·14	24 ·87	19
—31	Mon. 10	7 ·09	25 ·86	20
1	Tues. 11	8 ·07	26 ·87	21
2	Wed. 12	9 ·05	27 ·92	22
3	Thur. 13	10 ·07	1 ·97	23
4	Fri. 14	11 ·10	... ...	24
5	Sat. 15	12 ·14	2 ·05	25
6	Sun. 16	13 ·21	3 ·14	26
7	Mon. 17	14 ·29	4 ·24	27
8	Tues. 18	—A ·38	5 ·35	28
9	Wed. 19	1 ·45	6 ·46	—29
10	Thur. 20	2 ·53	7 ·56	1
11	Fri. 21	3 ·59	8 ·64	2
12	Sat. 22	4 ·62	9 ·70	3
13	Sun. 23	5 ·65	10 ·76	4
14	Mon. 24	6 ·64	11 ·78	5
15	Tues. 25	7 ·62	12 ·79	6
16	Wed. 26	8 ·57	13 ·77	7
17	Thur. 27	9 ·52	14 ·74	8
18	Fri. 28	10 ·44	15 ·69	9
19	Sat. 29	11 ·35	16 ·64	10
20	Sun. 30	12 ·26	17 ·58	11

Pārthiva. **Vṛishabha—Vaigāśi.** *Vaiśākha.* *Bahula.* *H.* 1178 *Zi-l-ka'da.* *Śukla.* **Mithuna—Āni.** *Pārthiva.* *Jyeshṭha.* *Bahula.* *H.* 1178 *Zi-l-hijja.* *Śukla.* **Āshāḍha.** *H.* 1179 *Muharram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1765. **Kollam 941,** { **N. Malabar—Sep.** **Hijra 1179.** **Vikrama 1822.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 20.** **Bengal San. 1171.**
P—Paurnimā. **(N. Cycle) Manmatha.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Pārthiva. **Mithuna—Āni.**	**July.**			
21	Mon. 1	13 ·16	18 ·51	12
22	Tues. 2	14 ·06	19 ·44	13
23	Wed. 3	P ·95		
24	Thur. 4	1 ·86	20 ·37	14
25	Fri. 5	2 ·77	21 ·32	15
26	Sat. 6	3 ·68	22 ·26	16
27	Sun. 7	4 ·62	23 ·22	17
28	Mon. 8	5 ·58	24 ·19	18
29	Tues. 9	6 ·54	25 ·18	19
30	Wed. 10	7 ·53	26 ·20	20
31	Thur. 11	8 ·55	27 ·22	21
—32	Fri. 12	9 ·57	1 ·28	22
1	Sat. 13	10 ·63	2 ·35	23
2	Sun. 14	11 ·70	3 ·44	24
3	Mon. 15	12 ·78	4 ·55	25
4	Tues. 16	13 ·85	5 ·65	26
5	Wed. 17	14 ·93	6 ·76	27
6	Thur. 18	... ...	7 ·86	28
7	Fri. 19	—A ·02	8 ·94	29
8	Sat. 20	1 ·07	... ...	—30
9	Sun. 21	2 ·11	9 ·02	1
10	Mon. 22	3 ·12	10 ·07	2
11	Tues. 23	4 ·12	11 ·10	3
12	Wed. 24	5 ·10	12 ·11	4
13	Thur. 25	6 ·06	13 ·10	5
14	Fri. 26	7 ·00	14 ·07	6
15	Sat. 27	8 ·93	15 ·04	7
16	Sun. 28	9 ·85	16 ·98	8
17	Mon. 29	10 ·75	17 ·92	9
18	Tues. 30	11 ·65	18 ·85	10
19	Wed. 31	12 ·54	19 ·78	11
	Aug.	13 ·45	20 ·72	12
20	Thur. 1	14 ·35	21 ·65	13
21	Fri. 2	P ·24	22 ·60	14
22	Sat. 3	1 ·17	23 ·55	15
23	Sun. 4	2 ·10	24 ·52	16
24	Mon. 5	3 ·06	25 ·51	17
25	Tues. 6	4 ·02	26 ·52	18
26	Wed. 7	5 ·02	27 ·54	19
27	Thur. 8	6 ·02	1 ·59	20
28	Fri. 9	7 ·05	2 ·65	21
29	Sat. 10	8 ·10	3 ·75	22
30	Sun. 11	9 ·17	4 ·84	23
—31	Mon. 12	10 ·25	5 ·95	24
1	Tues. 13	11 ·34	... ...	25
2	Wed. 14	12 ·43	6 ·06	26
3	Thur. 15	13 ·49	7 ·16	27
4	Fri. 16	14 ·55	8 ·25	28
5	Sat. 17	—A ·59	9 ·33	—29
6	Sun. 18	1 ·62	10 ·38	1
7	Mon. 19	2 ·62	11 ·42	2
8	Tues. 20	3 ·59	12 ·43	3
9	Wed. 21	4 ·55	13 ·42	4
10	Thur. 22	5 ·50	14 ·41	5
11	Fri. 23	6 ·43	15 ·37	6
12	Sat. 24	7 ·35	16 ·32	7
13	Sun. 25	8 ·24	17 ·25	8
14	Mon. 26	9 ·14	18 ·19	9
15	Tues. 27	10 ·04	19 ·13	10
16	Wed. 28	11 ·95	20 ·06	11
17	Thur. 29	12 ·85	21 ·99	12
18	Fri. ○30	13 ·76	22 ·93	13
19	Sat. 31	P ·67	23 ·88	14
		1 ·56	25 ·84	

Bahula. **Āshādha.** *Sukla.* *Pārthiva.* **Karkaṭaka—Ādi.** *Pārthiva.* **Simha—Āvaṇi.** *Bahula.* **Śrāvaṇa.** *Sukla.* **Bhād.**

H. 1179 *Muharram.* *H.* 1179 *Śafar.* *H.* 1179 *Rabi-ul awwal.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Pārthiva. **Simha—Āvaṇi.**	**Sep.**			
20	Sun. 1	2 ·53	26 ·84	15
21	Mon. 2	3 ·53	27 ·86	16
22	Tues. 3	4 ·53	1 ·90	17
23	Wed. 4	5 ·57	2 ·97	18
24	Thur. 5	6 ·62	... ...	19
25	Fri. 6	7 ·70	3 ·05	20
26	Sat. 7	8 ·76	4 ·14	21
27	Sun. 8	9 ·84	5 ·25	22
28	Mon. 9	10 ·93	6 ·35	23
29	Tues. 10	... ...	7 ·46	24
30	Wed. 11	11 ·01	8 ·56	25
—31	Thur. 12	12 ·07	9 ·64	26
1	Fri. 13	13 ·11	10 ·70	27
2	Sat. 14	14 ·15	11 ·73	28
3	Sun. 15	—A ·14	12 ·75	29
4	Mon. 16	1 ·12	13 ·76	—30
5	Tues. 17	2 ·08	14 ·74	1
6	Wed. 18	3 ·03	15 ·70	2
7	Thur. 19	4 ·96	16 ·65	3
8	Fri. 20	5 ·87	17 ·59	4
9	Sat. 21	6 ·78	18 ·53	5
10	Sun. 22	7 ·68	19 ·46	6
11	Mon. 23	8 ·59	20 ·39	7
12	Tues. 24	9 ·48	21 ·33	8
13	Wed. 25	10 ·38	22 ·27	9
14	Thur. 26	11 ·29	23 ·22	10
15	Fri. 27	12 ·21	24 ·19	11
16	Sat. 28	13 ·15	25 ·16	12
17	Sun. 29	14 ·10	26 ·16	13
18	Mon. 30	P ·08	27 ·17	14
		1 ·07		
	Oct.			
19	Tues. 1	2 ·07	1 ·21	15
20	Wed. 2	3 ·11	2 ·28	16
21	Thur. 3	4 ·16	3 ·35	17
22	Fri. 4	5 ·23	4 ·44	18
23	Sat. 5	6 ·31	5 ·55	19
24	Sun. 6	7 ·40	6 ·66	20
25	Mon. 7	8 ·48	7 ·77	21
26	Tues. 8	9 ·55	8 ·86	22
27	Wed. 9	10 ·62	9 ·94	23
28	Thur. 10	11 ·67	... ...	24
29	Fri. 11	12 ·71	10 ·01	25
—30	Sat. 12	13 ·70	11 ·05	26
1	Sun. 13	14 ·69	12 ·08	27
2	Mon. 14	—A ·65	13 ·08	28
3	Tues. 15	1 ·60	14 ·07	—29
4	Wed. 16	2 ·52	15 ·03	1
5	Thur. 17	3 ·43	16 ·99	2
6	Fri. 18	4 ·34	17 ·94	3
7	Sat. 19	5 ·24	18 ·87	4
8	Sun. 20	6 ·15	19 ·80	5
9	Mon. 21	7 ·05	20 ·73	6
10	Tues. 22	8 ·96	21 ·66	7
11	Wed. 23	9 ·87	22 ·61	8
12	Thur. 24	10 ·79	23 ·56	9
13	Fri. 25	11 ·73	24 ·52	10
14	Sat. 26	12 ·68	25 ·49	11
15	Sun. 27	13 ·66	26 ·48	12
16	Mon. 28	14 ·65	27 ·49	13
17	Tues. 29	P ·66	1 ·53	14
18	Wed. 30	1 ·70	2 ·58	15
19	Thur. 31	2 75	3 ·65	16
		3 ·83	4 ·74	

Pārthiva. **Kanyā—Pu** *Sukla.* **Kārttika.** *Pārthiva.* **Tulā—Aippaśi.** *Bahula.* **Āśvina.** *Sukla.* **Kārttika.**

H. 1179 *Rabi-ul awwal.* *H.* 1179 *Jamāda'l awwal.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Pārthiva. **Tulā—Aippaśi.**	**Nov.**			
20	Fri. 1	4 ·91	5 ·84	17
21	Sat. 2	5 ·99	6 ·96	18
22	Sun. 3	... ...	... ...	19
23	Mon. 4	6 ·08	7 ·06	20
24	Tues. 5	7 ·16	8 ·16	21
25	Wed. 6	8 ·22	9 ·25	22
26	Thur. 7	9 ·27	10 ·32	23
27	Fri. 8	10 ·30	11 ·37	24
28	Sat. 9	11 ·29	12 ·40	25
29	Sun. 10	12 ·28	13 ·41	26
—30	Mon. 11	13 ·24	14 ·40	27
1	Tues. 12	14 ·20	15 ·37	28
2	Wed. 13	—A ·12	16 ·33	29
3	Thur. 14	1 ·04	17 ·28	—30
4	Fri. 15	2 ·95	18 ·21	1
5	Sat. 16	3 ·85	19 ·14	2
6	Sun. 17	4 ·76	20 ·07	3
7	Mon. 18	5 ·65	21 ·00	4
8	Tues. 19	6 ·56	22 ·95	5
9	Wed. 20	7 ·48	23 ·89	6
10	Thur. 21	8 ·41	24 ·85	7
11	Fri. 22	9 ·34	25 ·82	8
12	Sat. 23	10 ·29	26 ·80	9
13	Sun. 24	11 ·28	27 ·82	10
14	Mon. 25	12 ·27	1 ·85	11
15	Tues. 26	13 ·29	2 ·89	12
16	Wed. 27	14 ·31	3 ·96	13
17	Thur. 28	P ·38	... ...	14
18	Fri. 29	1 ·45	4 ·04	15
19	Sat. 30	2 ·54	5 ·15	16
	Dec.	3 ·62	6 ·26	
20	Sun. 1	4 ·71	7 ·36	17
21	Mon. 2	5 ·79	8 ·46	18
22	Tues. 3	6 ·84	9 ·55	19
23	Wed. 4	7 ·90	10 ·62	20
24	Thur. 5	8 ·93	11 ·69	21
25	Fri. 6	9 ·93	12 ·72	22
26	Sat. 7	10 ·91	13 ·73	23
27	Sun. 8	11 ·87	14 ·72	24
28	Mon. 9	12 ·82	15 ·70	25
29	Tues. 10	13 ·74	16 ·66	26
—30	Wed. 11	14 ·66	17 ·61	27
1	Thur. 12	—A ·58	18 ·55	28
2	Fri. 13	1 ·48	19 ·48	—29
3	Sat. 14	2 ·38	20 ·41	1
4	Sun. 15	3 ·29	21 ·35	2
5	Mon. 16	4 ·19	22 ·28	3
6	Tues. 17	5 ·10	23 ·23	4
7	Wed. 18	6 ·04	24 ·18	5
8	Thur. 19	7 ·98	25 ·14	6
9	Fri. 20	8 ·94	26 ·14	7
10	Sat. 21	9 ·91	27 ·14	8
11	Sun. 22	10 ·92	1 ·16	9
12	Mon. 23	11 ·93	2 ·20	10
13	Tues. 24	12 ·96	3 ·26	11
14	Wed. 25	... ...	4 ·35	12
15	Thur. 26	13 ·03	5 ·45	13
16	Fri. 27	14 ·10	6 ·56	14
17	Sat. 28	P ·19	7 ·66	15
18	Sun. 29	1 ·28	8 ·76	16
19	Mon. 30	2 ·37	9 ·87	17
20	Tues. 31	3 ·44	10 ·94	18
		4 ·50		

Pārthiva. **Vṛśchika—Kā** *Bahula.* **Kārt.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.** *Sukla.* **Dhanus—Mārgaḷi.**

H. 1179 *Jamāda'l ākhir.* *H.* 1179 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1766. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·95.** **Śaka 1688.** **Kaliyuga 4867.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·85.** **(S. Cycle) Vyaya.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
21	Wed. 1	5 ·55	... ...	19
22	Thur. 2	6 ·57	11 ·00	20
23	Fri. 3	7 ·57	12 ·04	21
24	Sat. 4	8 ·56	13 ·05	22
25	Sun. 5	9 ·52	14 ·05	23
26	Mon. 6	10 ·46	15 ·04	24
27	Tues. 7	11 ·39	16 ·00 / 17 ·95	25
8	Wed. 8	12 ·31	18 ·89	26
—29	Thur. 9	13 ·22	19 ·82	27
1	Fri. 10	14 ·12	20 ·75	28
2	Sat. 11	A ·08 / 1 ·93	21 ·69	29
3	Sun. 12	2 ·83	22 ·62	—30
4	Mon. 13	3 ·76	23 ·56	1
5	Tues. 14	4 ·68	24 ·51	2
6	Wed. 15	5 ·62	25 ·48	3
7	Thur. 16	6 ·58	26 ·46	4
8	Fri. 17	7 ·56	27 ·46	5
9	Sat. 18	8 ·56	1 ·48	6
10	Sun. 19	9 ·57	2 ·51	7
11	Mon. 20	10 ·62	3 ·58	8
12	Tues. 21	11 ·68	4 ·66	9
13	Wed. 22	12 ·75	5 ·75	10
14	Thur. 23	13 ·84	6 ·85	11
15	Fri. 24	14 ·93	7 ·96	12
16	Sat. 25	... ...	... ...	13
17	Sun. 26	P ·02	8 ·06	14
18	Mon. 27	1 ·09	9 ·17	15
19	Tues. 28	2 ·16	10 ·25	16
20	Wed. 29	3 ·19	11 ·31	17
21	Thur. 30	4 ·22	12 ·35	18
22	Fri. 31	5 ·21	13 ·37	19
	Feb.			
23	Sat. 1	6 ·20	14 ·38	20
24	Sun. 2	7 ·16	15 ·36	21
25	Mon. 3	8 ·09	16 ·33	22
26	Tues. 4	9 ·02 / 10 ·94	17 ·28	23
27	Wed. 5	11 ·85	18 ·22	24
28	Thur. 6	12 ·75	19 ·17	25
29	Fri. 7	13 ·65	20 ·10 / 21 ·03	26
—30	Sat. 8	14 ·56	22 ·96	27
1	Sun. ● 9	A ·46	23 ·90	28
2	Mon. 10	1 ·38	24 ·85	—29
3	Tues. 11	2 ·30	25 ·81	1
4	Wed. 12	3 ·26	26 ·79	2
5	Thur. 13	4 ·22	27 ·78	3
6	Fri. 14	5 ·19	1 ·79	4
7	Sat. 15	6 ·19	2 ·83	5
8	Sun. 16	7 ·21	3 ·88	6
9	Mon. 17	8 ·26	4 ·96	7
10	Tues. 18	9 ·31	... ...	8
11	Wed. 19	10 ·39	5 ·05	9
12	Thur. 20	11 ·47	6 ·15	10
13	Fri. 21	12 ·56	7 ·26	11
14	Sat. 22	13 ·64	8 ·37	12
15	Sun. 23	14 ·72	9 ·47	13
16	Mon. ○ 24	P ·79	10 ·55	14
17	Tues. 25	1 ·82	11 ·62	15
18	Wed. 26	2 ·84	12 ·67	16
19	Thur. 27	3 ·88	13 ·70	17
20	Fri. 28	4 ·82	14 ·71	18

Pārthiva. **Makara—Tai.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *Śukla.* **Phālguna.** *Bahula.* **Kumbha—Māśi.** *Pārthiva.* *H.* 1179 *Rajab.* *H.* 1179 *Ramazān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
21	Sat. 1	5 ·77	15 ·69	19
22	Sun. 2	6 ·71	16 ·66	20
23	Mon. 3	7 ·64	17 ·62	21
24	Tues. 4	8 ·55	18 ·57	22
25	Wed. 5	9 ·46	19 ·51	23
26	Thur. 6	10 ·36	20 ·43	24
27	Fri. 7	11 ·27	21 ·36	25
28	Sat. 8	12 ·17	22 ·30	26
29	Sun. 9	13 ·08 / 14 ·99	23 ·24	27
—30	Mon. 10	A ·91	24 ·19	28
1	Tues. 11	1 ·86	25 ·14	29
2	Wed. 12	2 ·82	26 ·11	—30
3	Thur. 13	3 ·80	27 ·10	1
4	Fri. 14	4 ·79	1 ·11	2
5	Sat. 15	5 ·82	2 ·15	3
6	Sun. 16	6 ·85	3 ·20	4
7	Mon. 17	7 ·91	4 ·26	5
8	Tues. 18	8 ·99	5 ·35	6
9	Wed. 19	... ...	6 ·45	7
10	Thur. 20	9 ·07	7 ·56	8
11	Fri. 21	10 ·17	8 ·67	9
12	Sat. 22	11 ·25	9 ·77	10
13	Sun. 23	12 ·32	10 ·86	11
14	Mon. 24	13 ·38	11 ·93	12
15	Tues. 25	14 ·41	12 ·99	13
16	Wed. 26	... ...	... ...	14
17	Thur. 27	1 ·42	13 ·02	15
18	Fri. 28	2 ·40	14 ·03	16
19	Sat. 29	P ·43	15 ·02 / 16 ·99	17
20	Sun. 30	3 ·35	17 ·96	18
21	Mon. 31	4 ·30	18 ·91	19
	April.			
22	Tues. 1	5 ·22	19 ·84	20
23	Wed. 2	6 ·14 / 7 ·04 / 8 ·93	20 ·77	21
24	Thur. 3	9 ·83	21 ·70	22
25	Fri. 4	10 ·74	22 ·64	23
26	Sat. 5	11 ·66	23 ·58	24
27	Sun. 6	12 ·56	24 ·52	25
28	Mon. 7	13 ·49	25 ·47	26
29	Tues. 8	14 ·43	26 ·44	27
—30	Wed. 9	A ·39	27 ·43	28
1	Thur. 10	1 ·36	1 ·44	—29
2	Fri. 11	2 ·35	2 ·46	1
3	Sat. 12	3 ·38	3 ·49	2
4	Sun. 13	4 ·42	4 ·56	3
5	Mon. 14	5 ·48	5 ·65	4
6	Tues. 15	6 ·55	6 ·76	5
7	Wed. 16	7 ·63	7 ·86	6
8	Thur. 17	8 ·72	8 ·97	7
9	Fri. 18	9 ·80	... ...	8
10	Sat. 19	10 ·87	9 ·07	9
11	Sun. 20	11 ·93	10 ·16	10
12	Mon. 21	12 ·97	11 ·25	11
13	Tues. 22	13 ·97	12 ·30	12
14	Wed. 23	14 ·97	13 ·34	13
15	Thur. 24	P ·95	14 ·35	14
16	Fri. 25	1 ·89	15 ·35	15
17	Sat. 26	2 ·83	16 ·32	16
18	Sun. 27	3 ·76	17 ·28	17
19	Mon. 28	4 ·68	18 ·24	18
20	Tues. 29	5 ·58	19 ·18	19
21	Wed. 30	6 ·48	20 ·11	20

Pārthiva. **Mīna—Pañguni.** *Vyaya.* **Mēsha—Chittirai.** *Śukla.* **Nija Chaitra.** *Bahula.* **Adhika Chaitra.** *Śukla.* **Vaiśākha.** *Bahula.* *H.* 1179 *Shawwāl.* *H.* 1179 *Zi-l-ka'da.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
22	Thur. 1	7 ·37	21 ·04 / 22 ·98	21
23	Fri. 2	8 ·27	23 ·92	22
24	Sat. 3	9 ·18	24 ·85	23
25	Sun. 4	10 ·09	25 ·81	24
26	Mon. 5	11 ·02 / 12 ·96	26 ·77	25
27	Tues. 6	13 ·92	27 ·76	26
28	Wed. 7	14 ·89	1 ·77	27
29	Thur. 8	A ·88	2 ·78	28
30	Fri. 9	1 ·91	3 ·82	29
—31	Sat. 10	2 ·94	4 ·88	—30
1	Sun. 11	... ...	5 ·96	1
2	Mon. 12	3 ·00	... ...	2
3	Tues. 13	4 ·07	6 ·06	3
4	Wed. 14	5 ·15	7 ·16	4
5	Thur. 15	6 ·23	8 ·27	5
6	Fri. 16	7 ·31	9 ·37	6
7	Sat. 17	8 ·38	10 ·47	7
8	Sun. 18	9 ·44	11 ·55	8
9	Mon. 19	10 ·48	12 ·61	9
10	Tues. 20	11 ·49	13 ·65	10
11	Wed. 21	12 ·49	14 ·67	11
12	Thur. 22	13 ·46	15 ·67	12
13	Fri. 23	14 ·42	16 ·66	13
14	Sat. 24	P ·35	17 ·53	14
15	Sun. 25	1 ·27	18 ·58	15
16	Mon. 26	2 ·18	19 ·52	16
17	Tues. 27	3 ·08 / 4 ·99	20 ·45	17
18	Wed. 28	5 ·88	21 ·39	18
19	Thur 29	6 ·78	22 ·32	19
20	Fri. 30	7 ·68	23 ·25	20
21	Sat. 31	8 ·60	24 ·19	21
	June.			
22	Sun. 1	9 ·52	25 ·14	22
23	Mon. 2	10 ·46	26 ·11	23
24	Tues. 3	11 ·42	27 ·09	24
25	Wed. 4	12 ·39	1 ·08	25
26	Thur. 5	13 ·38	2 ·09	26
27	Fri. 6	14 ·39	3 ·13	27
28	Sat. 7	A ·43	4 ·19	28
29	Sun. 8	1 ·50	5 ·27	—29
30	Mon. 9	2 ·56	6 ·36	1
—31	Tues. 10	3 ·64	7 ·46	2
1	Wed. 11	4 ·72	8 ·56	3
2	Thur. 12	5 ·79	9 ·67	4
3	Fri. 13	6 ·86	10 ·78	5
4	Sat. 14	7 ·92	11 ·86	6
5	Sun. 15	8 ·95	12 ·92	7
6	Mon. 16	9 ·97	13 ·97	8
7	Tues. 17	10 ·97	14 ·99	9
8	Wed. 18	11 ·95	... ...	10
9	Thur. 19	12 ·90	15 ·01 / 16 ·99	11
10	Fri. 20	13 ·84	17 ·96	12
11	Sat. 21	14 ·77	18 ·91	13
12	Sun. 22	P ·67	19 ·85	14
13	Mon. 23	1 ·58	20 ·80	15
14	Tues. 24	2 ·48	21 ·73	16
15	Wed. 25	3 ·37	22 ·66	17
16	Thur. 26	4 ·27	23 ·59	18
17	Fri. 27	5 ·17	24 ·53	19
18	Sat. 28	6 ·08	25 ·48	20
19	Sun. 29	7 ·00 / 8 ·94	26 ·44	21
20	Mon. 30	9 ·90	27 ·41	22

Vyaya. **Vrishabha—Vaigāśi.** *Śukla.* **Jyeshtha.** *Bahula.* *H.* 1179 *Zi-l-hijja.* *H.* 1180 *Muharram.*

Vyaya. **Mithuna—Āni.**

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1766. **Kollam 942,** Commences { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1180.** Commences **June 9.** **Vikrama 1823.** **Bengal San. 1172.** **(N. Cycle) Durmukha.**

A—Amāvāsyā.
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Tues.	1	10 ·86	1 ·40	23	20	Mon.	1	12 ·08	8 ·47	26	19	Sat.	1	14 ·59	14 ·58	28
22	Wed.	2	11 ·86	2 ·41	24	21	Tues.	2	13 ·17	9 ·57	27	20	Sun.	2	—**A** ·59	15 ·61	29
23	Thur.	3	12 ·87	3 ·45	25	22	Wed.	3	14 ·25	10 ·68	28	21	Mon.	3	1 ·57	16 ·63	—30
24	Fri.	4	13 ·90	4 ·50	26	23	Thur.	4	—**A** ·33	11 ·77	29	22	Tues.	4	2 ·53	17 ·61	1
25	Sat.	5	14 ·96	5 ·57	27	24	Fri.	5	1 ·39	12 ·86	—30	23	Wed.	5	3 ·49	18 ·58	2
26	Sun.	6	... ...	6 ·66	28	25	Sat.	6	2 ·43	13 ·92	1	24	Thur.	6	4 ·42	19 ·54	3
27	Mon.	7	—**A** ·03	7 ·76	29	26	Sun.	7	3 ·45	14 ·95	2	25	Fri.	7	5 ·33	20 ·49	4
28	Tues.	8	1 ·10	8 ·86	—30	27	Mon.	8	4 ·44	15 ·97	3	26	Sat.	8	6 ·23	21 ·43	5
29	Wed.	9	2 ·19	9 ·98	1	28	Tues.	9	5 ·43	16 ·97	4	27	Sun.	9	7 ·13	22 ·36	6
30	Thur.	10	3 ·27	... ...	2	29	Wed.	10	6 ·39	17 ·96	5	28	Mon.	10	8 ·04	23 ·29	7
31	Fri.	11	4 ·34	10 ·08	3	30	Thur.	11	7 ·34	18 ·92	6				9 ·95		
—32	Sat.	12	5 ·40	11 ·16	4	—31	Fri.	12	8 ·26	19 ·87	7	29	Tues.	11	10 ·85	24 ·22	8
1	Sun.	13	6 ·43	12 ·23	5	1	Sat.	13	9 ·18	20 ·81	8	—30	Wed.	12	11 ·77	25 ·16	9
2	Mon.	14	7 ·46	13 ·28	6	2	Sun.	14	10 ·08	21 ·74	9	1	Thur.	13	12 ·69	26 ·11	10
3	Tues.	15	8 ·45	14 ·32	7				11 ·99			2	Fri.	14	13 ·63	27 ·07	11
4	Wed.	16	9 ·43	15 ·33	8	3	Mon.	15	12 ·88	22 ·67	10	3	Sat.	15	14 ·59	1 ·04	12
5	Thur.	17	10 ·38	16 ·32	9	4	Tues.	16	13 ·78	23 ·61	11	4	Sun.	16	**P** ·56	2 ·02	13
6	Fri.	18	11 ·32	17 ·29	10	5	Wed.	17	14 ·69	24 ·55	12	5	Mon.	17	1 ·56	3 ·03	14
7	Sat.	19	12 ·24	18 ·25	11	6	Thur.	18	**P** ·60	25 ·49	13	6	Tues.	18	2 ·57	4 ·07	15
8	Sun.	20	13 ·15	19 ·20	12	7	Fri.	19	1 ·52	26 ·43	14	7	Wed.	19	3 ·61	5 ·11	16
9	Mon.	21	14 ·06	20 ·14	13	8	Sat.	20	2 ·45	27 ·40	15	8	Thur.	20	4 ·67	6 ·18	17
10	Tues.	22	**P** ·96	21 ·07	14	9	Sun.	21	3 ·41	1 ·38	16	9	Fri.	21	5 ·75	7 ·26	18
11	Wed.	23	1 ·86	22 ·00	15	10	Mon.	22	4 ·33	2 ·38	17	10	Sat.	22	6 ·83	8 ·36	19
			2 ·76	23 ·93		11	Tues.	23	5 ·37	3 ·39	18	11	Sun.	23	7 ·92	9 ·47	20
12	Thur.	24	3 ·66	24 ·87	16	12	Wed.	24	6 ·38	4 ·43	19	12	Mon.	24	... ...	10 ·58	21
13	Fri.	25	4 ·57	25 ·82	17	13	Thur.	25	7 ·42	5 ·49	20	13	Tues.	25	8 ·01	11 ·68	22
14	Sat.	26	5 ·48	26 ·77	18	14	Fri.	26	8 ·48	6 ·57	21	14	Wed.	26	9 ·08	12 ·77	23
15	Sun.	27	6 ·42	27 ·74	19	15	Sat.	27	9 ·56	7 ·66	22	15	Thur.	27	10 ·14	13 ·84	24
16	Mon.	28	7 ·38	1 ·72	20	16	Sun.	28	10 ·65	8 ·77	23	16	Fri.	28	11 ·20	14 ·90	25
17	Tues.	29	8 ·35	2 ·73	21	17	Mon.	29	11 ·72	9 ·87	24	17	Sat.	29	12 ·22	15 ·94	26
18	Wed.	30	9 ·34	3 ·76	22	18	Tues.	30	12 ·79	10 ·98	25	18	Sun.	30	13 ·21	16 ·95	27
19	Thur.	31	10 ·34	4 ·81	23												
	Aug.						**Oct.**						**Dec.**				
20	Fri.	1	11 ·38	5 ·88	24	19	Wed.	1	13 ·86	... ...	26	19	Mon.	1	14 ·19	17 ·94	28
21	Sat.	2	12 ·43	6 ·96	25	20	Thur.	2	14 ·93	11 ·08	27	20	Tues.	2	—**A** ·16	18 ·92	—29
22	Sun.	3	13 ·51	... ...	26	21	Fri.	3	—**A** ·97	12 ·16	28	21	Wed.	3	1 ·10	19 ·87	1
23	Mon.	4	14 ·58	7 ·06	27	22	Sat.	4	1 ·99	13 ·23	—29	22	Thur.	4	2 ·04	20 ·83	2
24	Tues.	5	—**A** ·67	8 ·17	28	23	Sun.	5	... ...	14 ·27	1				3 ·96		
25	Wed.	6	1 ·74	9 ·28	—29	24	Mon.	6	2 ·00	15 ·29	2	23	Fri.	5	4 ·87	21 ·77	3
26	Thur.	7	2 ·82	10 ·38	1				3 ·98			24	Sat.	6	5 ·76	22 ·70	4
27	Fri.	8	3 ·88	11 ·47	2	25	Tues.	7	4 ·95	16 ·29	3	25	Sun.	7	6 ·67	23 ·63	5
28	Sat.	9	4 ·91	12 ·54	3	26	Wed.	8	5 ·89	17 ·28	4	26	Mon.	8	7 ·57	24 ·56	6
29	Sun.	10	5 ·94	13 ·60	4	27	Thur.	9	6 ·82	18 ·25	5	27	Tues.	9	8 ·47	25 ·50	7
30	Mon.	11	6 ·93	14 ·64	5	28	Fri.	10	7 ·74	19 ·21	6	28	Wed.	10	9 ·39	26 ·44	8
—31	Tues.	12	7 ·92	15 ·65	6	29	Sat.	11	8 ·64	20 ·15	7	—29	Thur.	11	10 ·31	27 ·40	9
1	Wed.	13	8 ·87	16 ·64	7	30	Sun.	12	9 ·55	21 ·08	8	1	Fri.	12	11 ·26	1 ·36	10
2	Thur.	14	9 ·82	17 ·62	8	—31	Mon.	13	10 ·44	22 ·02	9	2	Sat.	13	12 ·21	2 ·35	11
3	Fri.	15	10 ·74	18 ·59	9					23 ·94		3	Sun.	14	13 ·20	3 ·36	12
4	Sat.	16	11 ·65	19 ·54	10	1	Tues.	14	11 ·35	24 ·88	10	4	Mon.	15	14 ·20	4 ·38	13
5	Sun.	17	12 ·56	20 ·47	11	2	Wed.	15	12 ·25	25 ·82	11	5	Tues.	16	**P** ·21	5 ·42	14
6	Mon.	18	13 ·46	21 ·41	12	3	Thur.	16	13 ·16	26 ·77	12	6	Wed.	17	1 ·26	6 ·49	15
7	Tues.	19	14 ·35	22 ·34	13	4	Fri.	17	14 ·09	27 ·74	13	7	Thur.	18	2 ·32	7 ·57	16
8	Wed.	20	**P** ·25	23 ·28	14	5	Sat.	18	**P** ·02	1 ·71	14	8	Fri.	19	3 ·40	8 ·66	17
9	Thur.	21	1 ·16	24 ·21	15				1 ·98			9	Sat.	20	4 ·48	9 ·78	18
10	Fri.	22	2 ·07	25 ·15	16	6	Sun.	19	2 ·95	2 ·70	15	10	Sun.	21	5 ·57	10 ·88	19
11	Sat.	23	3 ·00	26 ·10	17	7	Mon.	20	3 ·95	3 ·71	16	11	Mon.	22	6 ·66	11 ·98	20
			4 ·92			8	Tues.	21	4 ·96	4 ·74	17	12	Tues.	23	7 ·73	.. ...	21
12	Sun.	24	5 ·87	27 ·07	18	9	Wed.	22	... ...	5 ·80	18	13	Wed.	24	8 ·79	12 ·08	22
13	Mon.	25	6 ·85	1 ·05	19	10	Thur.	23	5 ·00	6 ·88	19	14	Thur.	25	9 ·84	13 ·15	23
14	Tues.	26	7 ·84	2 ·06	20	11	Fri.	24	6 ·06	7 ·96	20	15	Fri.	26	10 ·86	14 ·22	24
15	Wed.	27	8 ·85	3 ·08	21	12	Sat.	25	7 ·12	... ...	21	16	Sat.	27	11 ·86	15 ·26	25
16	Thur.	28	9 ·89	4 ·12	22	13	Sun.	26	8 ·20	8 ·06	22	17	Sun.	28	12 ·85	16 ·27	26
17	Fri.	29	10 ·94	5 ·18	23	14	Mon.	27	9 ·29	9 ·17	23	18	Mon.	29	13 ·80	17 ·27	27
18	Sat.	30	... ...	6 ·26	24	15	Tues.	28	10 ·37	10 ·29	24	19	Tues.	30	14 ·74	18 ·25	28
19	Sun.	31	11 ·00	7 ·36	25	16	Wed.	29	11 ·46	11 ·38	25	20	Wed.	31	—**A** ·68	19 ·22	29
						17	Thur.	30	12 ·53	12 ·47	26						
						18	Fri.	31	13 ·57	13 ·54	27						

Vyaya. **Mithuna—Āṇi.** *Bahula.* *Śukla.* **Āshāḍha.** *Vyaya.* **Karkaṭaka—Ādi.** *Bahula.* *Śukla.* **Śrāvaṇa.** *Vyaya.* **Siṁha—Āvaṇi.** *Bahula.* *Śukla.* **Bhādrapada.** *Vyaya.* **Kanyā—Puraṭṭāśi.** *Bahula.* *Śukla.* **Āśvina.** *Vyaya.* **Tulā—Aippasi.** *Bahula.* *Śukla.* **Kārttika.** *Vyaya.* **Vṛśchika—Kārttigai.** *Bahula.* *Śukla.* **Mārgaśīrsha.** *Vyaya.* **Dhanus—Mārgali.** *Bahula.* *Śukla.* **Pausha.**

H. 1180 *Śafar.* *H.* 1180 *Rabī-ul ākhir.* *H.* 1180 *Jumāda'l awwal.* *H.* 1180 *Rajab.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1767. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·21.** **Śaka 1689.** **Kaliyuga 4868.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·11.** **(S. Cycle) Sarvajit.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
21	Thur. 1	1 ·59	20 ·17	—30	21	Sun. 1	1 ·46	25 ·51	—30	22	Fri. 1	3 ·21	... ...	2
22	Fri. 2	2 ·50	21 ·11	1	22	Mon. 2	2 ·36	26 ·45	1	23	Sat. 2	4 ·20	5 ·00	3
23	Sat. 3	3 ·40	22 ·04 / 23 ·97	2	23	Tues. 3	3 ·27	27 ·40	2	24	Sun. 3	5 ·22	6 ·04	4
24	Sun. 4	4 ·31	24 ·90	3	24	Wed. 4	4 ·20	1 ·36	3	25	Mon. 4	6 ·27	7 ·10	5
25	Mon. 5	5 ·20	25 ·84	4	25	Thur. 5	5 ·14	2 ·33	4	26	Tues. 5	7 ·32	8 ·17	6
26	Tues. 6	6 ·12	26 ·78	5	26	Fri. 6	6 ·11	3 ·32	5	27	Wed. 6	8 ·39	9 ·27	7
27	Wed. 7	7 ·04 / 8 ·96	27 ·73	6	27	Sat. 7	7 ·09	4 ·33	6	28	Thur. 7	9 ·47	10 ·38	8
28	Thur. 8	9 ·90	1 ·69	7	28	Sun. 8	8 ·10	5 ·36	7	29	Fri. 8	10 ·56	11 ·49	9
29	Fri. 9	10 ·86	2 ·67	8	29	Mon. 9	9 ·12	6 ·42	8	30	Sat. 9	11 ·64	12 ·59	10
—30	Sat. 10	11 ·85	3 ·68	9	—30	Tues. 10	10 ·16	7 ·49	9	—31	Sun. 10	12 ·71	13 ·68	11
1	Sun. 11	12 ·84	4 ·69	10	1	Wed. 11	11 ·22	8 ·57	10	1	Mon. 11	13 ·76	14 ·76	12
2	Mon. 12	13 ·87	5 ·73	11	2	Thur. 12	12 ·30	9 ·67	11	2	Tues. 12	14 ·80	15 ·83	13
3	Tues. 13	14 ·91	6 ·79	12	3	Fri. 13	13 ·39	10 ·78	12	3	Wed. 13	P ·81	16 ·87	14
4	Wed. 14	P ·96	7 ·87	13	4	Sat. 14	14 ·47	11 ·89	13	4	Thur. 14	1 ·80	17 ·89	15
5	Thur. 15	... ...	8 ·97	14	5	Sun. 15	P ·56	12 ·99	14	5	Fri. 15	2 ·78	18 ·89	16
6	Fri. 16	1 ·04	... ...	15	6	Mon. 16	1 ·62	... ...	15	6	Sat. 16	3 ·73	19 ·87	17
7	Sat. 17	2 ·14	9 ·07	16	7	Tues. 17	2 ·67	13 ·08	16	7	Sun. 17	4 ·65	20 ·85	18
8	Sun. 18	3 ·23	10 ·18	17	8	Wed. 18	3 ·72	14 ·15	17	8	Mon. 18	5 ·58	21 ·80	19
9	Mon. 19	4 ·31	11 ·28	18	9	Thur. 19	4 ·73	15 ·20	18	9	Tues. 19	6 ·49	22 ·74	20
10	Tues. 20	5 ·38	12 ·38	19	10	Fri. 20	5 ·73	16 ·24	19	10	Wed. 20	7 ·40	23 ·67	21
11	Wed. 21	6 ·44	13 ·47	20	11	Sat. 21	6 ·71	17 ·25	20	11	Thur. 21	8 ·30	24 ·60	22
12	Thur. 22	7 ·49	14 ·53	21	12	Sun. 22	7 ·66	18 ·24	21	12	Fri. 22	9 ·20	25 ·54	23
13	Fri. 23	8 ·50	15 ·57	22	13	Mon. 23	8 ·59	19 ·21	22	13	Sat. 23	10 ·09	26 ·46	24
14	Sat. 24	9 ·49	16 ·59	23	14	Tues. 24	9 ·52	20 ·17	23	14	Sun. 24	11 ·00 / 12 ·90	27 ·41	25
15	Sun. 25	10 ·49	17 ·59	24	15	Wed. 25	10 ·43	21 ·12	24	15	Mon. 25	13 ·83	1 ·36	26
16	Mon. 26	11 ·44	18 ·58	25	16	Thur. 26	11 ·34	22 ·06 / 23 ·99	25	16	Tues. 26	14 ·78	2 ·32	27
17	Tues. 27	12 ·38	19 ·55	26	17	Fri. 27	12 ·23	24 ·92	26	17	Wed. 27	—A ·74	3 ·30	28
18	Wed. 28	13 ·31	20 ·50	27	18	Sat. 28	13 ·13	25 ·85	27	18	Thur. 28	1 ·72	4 ·30	29
19	Thur. 29	14 ·23	21 ·44	28	19	Sun. 29	14 ·04 / A ·94	26 ·79	28	19	Fri. 29	2 ·70	5 ·31	—30
20	Fri.● 30	—A ·18	22 ·38	—29	20	Mon. 30	1 ·86	27 ·74	—29	20	Sat. 30	3 ·72	6 ·35	1
21	Sat. 31	1 ·02 / 2 ·93	23 ·32	1	21	Tues. 31	2 ·79	1 ·69	1	21	Sun. 31	4 ·77	7 ·40	2
	Feb.					**April.**					**June.**			
22	Sun. 1	3 ·83	24 ·25	2	22	Wed. 1	3 ·72	2 ·66	2	22	Mon. 1	5 ·82	8 ·48	3
23	Mon. 2	4 ·75	25 ·18	3	23	Thur. 2	4 ·69	3 ·65	3	23	Tues. 2	6 ·89	9 ·58	4
24	Tues. 3	5 ·66	26 ·12	4	24	Fri. 3	5 ·67	4 ·65	4	24	Wed. 3	7 ·97	10 ·68	5
25	Wed. 4	6 ·60	27 ·06	5	25	Sat. 4	6 ·67	5 ·68	5	25	Thur. 4	... ...	11 ·78	6
26	Thur. 5	7 ·54	1 ·02	6	26	Sun. 5	7 ·69	6 ·73	6	26	Fri. 5	8 ·06	12 ·89	7
27	Fri. 6	8 ·50	2 ·01	7	27	Mon. 6	8 ·74	7 ·79	7	27	Sat. 6	9 ·13	13 ·99	8
28	Sat. 7	9 ·48	3 ·00	8	28	Tues. 7	9 ·79	8 ·87	8	28	Sun. 7	10 ·20	... ...	9
—29	Sun. 8	10 ·48	4 ·01	9	29	Wed. 8	10 ·87	9 ·97	9	29	Mon. 8	11 ·25	14 ·08	10
1	Mon. 9	11 ·50	5 ·04	10	—30	Thur. 9	11 ·96	... ...	10	30	Tues. 9	12 ·29	15 ·14	11
2	Tues. 10	12 ·55	6 ·10	11	1	Fri. 10	... ...	10 ·08	11	—31	Wed. 10	13 ·30	16 ·19	12
3	Wed. 11	13 ·61	7 ·18	12	2	Sat. 11	12 ·03	11 ·19	12	1	Thur. 11	14 ·29	17 ·21	13
4	Thur. 12	14 ·68	8 ·27	13	3	Sun. 12	13 ·11	12 ·29	13	2	Fri. 12	P ·27	18 ·22	14
5	Fri. 13	P ·77	9 ·37	14	4	Mon. 13	14 ·18	13 ·38	14	3	Sat. 13	1 ·22	19 ·21	15
6	Sat. 14	1 ·86	10 ·48	15	5	Tues. 14	P ·24	14 ·46	15	4	Sun. 14	2 ·16	20 ·18	16
7	Sun. 15	2 ·94	11 ·58	16	6	Wed. 15	1 ·28	15 ·52	16	5	Mon. 15	3 ·08 / 4 ·99	21 ·13	17
8	Mon. 16	... ..	12 ·69	17	7	Thur. 16	2 ·29	16 ·56	17	6	Tues. 16	5 ·89	22 ·07	18
9	Tues. 17	3 ·02	13 ·77	18	8	Fri. 17	3 ·28	17 ·57	18	7	Wed. 17	6 ·79	23 ·01 / 24 ·95	19
10	Wed. 18	4 ·08	14 ·84	19	9	Sat. 18	4 ·26	18 ·57	19	8	Thur. 18	7 ·69	25 ·88	20
11	Thur. 19	5 ·13	15 ·89	20	10	Sun. 19	5 ·21	19 ·54	20	9	Fri. 19	8 ·58	26 ·81	21
12	Fri. 20	6 ·13	16 ·91	21	11	Mon. 20	6 ·14	20 ·50	21	10	Sat. 20	9 ·49	27 ·75	22
13	Sat. 21	7 ·13	17 ·92	22	12	Tues. 21	7 ·07 / 8 ·98	21 ·46	22	11	Sun. 21	10 ·40	1 ·69	23
14	Sun. 22	8 ·11	18 ·91	23	13	Wed. 22	9 ·88	22 ·40	23	12	Mon. 22	11 ·32	2 ·65	24
15	Mon. 23	9 ·05	19 ·88	24	14	Thur. 23	10 ·78	23 ·33	24	13	Tues. 23	12 ·26	3 ·63	25
16	Tues. 24	10 ·00 / 11 ·93	20 ·84	25	15	Fri. 24	11 ·68	24 ·26	25	14	Wed. 24	13 ·21	4 ·62	26
17	Wed. 25	12 ·84	21 ·78	26	16	Sat. 25	12 ·58	25 ·19	26	15	Thur. 25	14 ·19	5 ·63	27
18	Thur. 26	13 ·75	22 ·71	27	17	Sun. 26	13 ·48	26 ·13	27	16	Fri. 26	—A ·18	6 ·66	28
19	Fri. 27	14 ·65	23 ·65	28	18	Mon. 27	14 ·40	27 ·07	28	17	Sat. 27	1 ·20	7 ·71	29
20	Sat. 28	—A ·55	24 ·58	29	19	Tues. 28	—A ·33	1 ·03 / 2 ·99	29	18	Sun. 28	2 ·23	8 ·79	—30
					20	Wed. 29	1 ·27	3 ·97	—30	19	Mon. 29	3 ·29	9 ·88	1
					21	Thur. 30	2 ·22	4 ·98	1	20	Tues. 30	4 ·36	10 ·98	2

Vyaya. **Makara—Tai.** *Sukla.* *Bahula.* *Sukla.* **Kumbha—Māgha.** *Bahula.* *Vyaya.* **Mīna—Paṅguni.** *Sarvajit.* **Mēsha—Chittirai.** *Sukla.* *Bahula.* *Sarvajit.* **Vrishabha—Vaigāśi.** *Sukla.* *Bahula.* *Sarvajit.* **Mithuna—Āni.** *Sukla.* *Bahula.*

H. 1180 Shaʻbān. H. 1180 Ramazān. H. 1180 Zi-l-ka'da. H. 1181 Muharram.

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1767. **Kollam 943,** { **N. Malabar—Sep.** **Hijra 1181.** **Vikrama 1824.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 30.** **Bengal San. 1173.**
P—Paurnimā. **(N. Cycle) Hemalamba.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Wed.	1	5 ·44	... ...	3	19	Tues.	1	8 ·76	17 ·17	6	19	Sun.	1	10 ·52	24 ·64	8
22	Thur.	2	6 ·52	11 ·08	4	20	Wed.	2	9 ·73	18 ·19	7	20	Mon.	2	11 ·42	25 ·58	9
23	Fri.	3	7 ·60	12 ·19	5	21	Thur.	3	10 ·70	19 ·19	8	21	Tues.	3	12 ·32	26 ·51	10
24	Sat.	4	8 ·68	13 ·30	6	22	Fri.	4	11 ·64	20 ·17	9	22	Wed.	4	13 ·22	27 ·44	11
25	Sun.	5	9 ·73	14 ·38	7	23	Sat.	5	12 ·57	21 ·13	10	23	Thur.	5	14 ·14	1 ·38	12
26	Mon.	6	10 ·77	15 ·45	8	24	Sun.	6	13 ·48	22 ·09	11	24	Fri.	6	P ·05	2 ·32	13
27	Tues.	7	11 ·78	16 ·50	9	25	Mon.	7	14 ·38	23 ·03 / 24 ·96	12	25	Sat.	7	1 ·98 / 2 ·92	3 ·29	14
28	Wed.	8	12 ·77	17 ·53	10	26	Tues.	8	P ·28	25 ·89	13	26	Sun.	8	3 ·86	4 ·26	15
29	Thur.	9	13 ·74	18 ·55	11	27	Wed.	9	1 ·17	26 ·83	14	27	Mon.	9	4 ·86	5 ·24	16
30	Fri.	10	14 ·70	19 ·54	12	28	Thur.	10	2 ·08 / 3 ·98	27 ·77	15	28	Tues.	10	5 ·85	6 ·25	17
31	Sat.	11	P ·63	20 ·51	13	29	Fri.	11	4 ·90	1 ·70	16	29	Wed.	11	6 ·87	7 ·28	18
32	Sun.	12	1 ·55	21 ·46	14	30	Sat.	12	5 ·83	2 ·65	17	30	Thur.	12	7 ·90	8 ·32	19
1	Mon.	13	2 ·47	22 ·41	15	31	Sun.	13	6 ·77	3 ·62	18	1	Fri.	13	8 ·97	9 ·40	20
2	Tues.	14	3 ·37	23 ·36	16	1	Mon.	14	7 ·71	4 ·59	19	2	Sat.	14	... ...	10 ·49	21
3	Wed.	15	4 ·27	24 ·29	17	2	Tues.	15	8 ·69	5 ·60	20	3	Sun.	15	9 ·05	11 ·58	22
4	Thur.	16	5 ·16	25 ·22	18	3	Wed.	16	9 ·69	6 ·61	21	4	Mon.	16	10 ·13	12 ·69	23
5	Fri.	17	6 ·06 / 7 ·96	26 ·15	19	4	Thur.	17	10 ·70	7 ·65	22	5	Tues.	17	11 ·22	13 ·79	24
6	Sat.	18	8 ·87	27 ·08	20	5	Fri.	18	11 ·73	8 ·71	23	6	Wed.	18	12 ·30	14 ·90	25
7	Sun.	19	9 ·80	1 ·02 / 2 ·99	21	6	Sat.	19	12 ·78	9 ·79	24	7	Thur.	19	13 ·38	15 ·99	26
8	Mon.	20	10 ·74	3 ·96	22	7	Sun.	20	13 ·86	10 ·88	25	8	Fri.	20	14 ·44	... ...	27
9	Tues.	21	11 ·69	4 ·94	23	8	Mon.	21	14 ·94	11 ·99	26	9	Sat.	21	A ·49	16 ·06	28
10	Wed.	22	12 ·67	5 ·95	24	9	Tues.	22	... ...	... ...	27	10	Sun.	22	1 ·50	17 ·12	29
11	Thur.	23	13 ·66	6 ·97	25	10	Wed.	23	A ·02	12 ·09	28	11	Mon.	23	2 ·50	18 ·15	1
12	Fri.	24	14 ·68	... ...	26	11	Thur.	24	1 ·10	13 ·20	29	12	Tues.	24	3 ·48	19 ·16	2
13	Sat.	25	A ·71	7 ·03	27	12	Fri.	25	2 ·18	14 ·29	1	13	Wed.	25	4 ·44	20 ·16	3
14	Sun.	26	1 ·77	8 ·10	28	13	Sat.	26	3 ·25	15 ·37	2	14	Thur.	26	5 ·39	21 ·13	4
15	Mon.	27	2 ·83	9 ·18	29	14	Sun.	27	4 ·28	16 ·45	3	15	Fri.	27	6 ·32	22 ·09	5
16	Tues.	28	3 ·92	10 ·28	1	15	Mon.	28	5 ·30	17 ·49	4	16	Sat.	28	7 ·24	23 ·04 / 24 ·99	6
17	Wed.	29	... ...	11 ·38	2	16	Tues.	29	6 ·30	18 ·51	5	17	Sun.	29	8 ·14	25 ·92	7
18	Thur.	30	4 ·00	12 ·50	3	17	Wed.	30	7 ·28	19 ·51	6	18	Mon.	30	9 ·05 / 10 ·94	26 ·85	8
19	Fri.	31	5 ·08	13 ·60	4												
	Aug.						**Oct.**						**Dec.**				
20	Sat.	1	6 ·15	14 ·69	5	18	Thur.	1	8 ·24	20 ·50	7	19	Tues.	1	11 ·85	27 ·78	9
21	Sun.	2	7 ·19	15 ·76	6	19	Fri.	2	9 ·18	21 ·47	8	20	Wed.	2	12 ·76	1 ·71	10
22	Mon.	3	8 ·24	16 ·81	7	20	Sat.	3	10 ·11	22 ·43	9	21	Thur.	3	13 ·67	2 ·65	11
23	Tues.	4	9 ·26	17 ·86	8	21	Sun.	4	11 ·02 / 12 ·93	23 ·37	10	22	Fri.	4	14 ·59	3 ·60	12
24	Wed.	5	10 ·26	18 ·87	9	22	Mon.	5	13 ·84	24 ·30	11	23	Sat.	5	P ·54	4 ·58	13
25	Thur.	6	11 ·23	19 ·86	10	23	Tues.	6	14 ·74	25 ·23	12	24	Sun.	6	1 ·50	5 ·57	14
26	Fri.	7	12 ·19	20 ·84	11	24	Wed.	7	P ·63	26 ·17	13	25	Mon.	7	2 ·48	6 ·57	15
27	Sat.	8	13 ·13	21 ·80	12	25	Thur.	8	1 ·53	27 ·10 / 1 ·04	14	26	Tues.	8	3 ·48	7 ·61	16
28	Sun.	9	14 ·05 / P ·96	22 ·75	13	26	Fri.	9	2 ·45	2 ·99	15	27	Wed.	9	4 ·51	8 ·64	17
29	Mon.	10	1 ·86	23 ·69	14	27	Sat.	10	3 ·38	3 ·95	16	28	Thur.	10	5 ·54	9 ·71	18
30	Tues.	11	2 ·77	24 ·63	15	28	Sun.	11	4 ·33	4 ·93	17	29	Fri.	11	6 ·61	10 ·79	19
31	Wed.	12	3 ·66	25 ·56	16	29	Mon.	12	5 ·28	5 ·92	18	30	Sat.	12	7 ·69	11 ·88	20
32	Thur.	13	4 ·57	26 ·48	17	30	Tues.	13	6 ·26	6 ·93	19	1	Sun.	13	8 ·78	12 ·99	21
1	Fri.	14	5 ·47	27 ·42	18	1	Wed.	14	7 ·25	7 ·96	20	2	Mon.	14	9 ·86	... ...	22
2	Sat.	15	6 ·38	1 ·37	19	2	Thur.	15	8 ·26	... ...	21	3	Tues.	15	10 ·95	13 ·10	23
3	Sun.	16	7 ·30	2 ·32	20	3	Fri.	16	9 ·30	8 ·01	22	4	Wed.	16	... ...	14 ·21	24
4	Mon.	17	8 ·23	3 ·29	21	4	Sat.	17	10 ·36	9 ·10	23	5	Thur.	17	11 ·02	15 ·30	25
5	Tues.	18	9 ·19	4 ·27	22	5	Sun.	18	11 ·43	10 ·18	24	6	Fri.	18	12 ·08	16 ·37	26
6	Wed.	19	10 ·16	5 ·27	23	6	Mon.	19	12 ·51	11 ·29	25	7	Sat.	19	13 ·13	17 ·43	27
7	Thur.	20	11 ·16	6 ·30	24	7	Tues.	20	13 ·60	12 ·39	26	8	Sun.	20	14 ·14	18 ·48	28
8	Fri.	21	12 ·17	7 ·34	25	8	Wed.	21	14 ·68	13 ·50	27	9	Mon.	21	A ·14	19 ·49	29
9	Sat.	22	13 ·21	8 ·40	26	9	Thur.	22	A ·77	14 ·59	28	10	Tues.	22	1 ·12	20 ·49	30
10	Sun.	23	14 ·27	9 ·48	27	10	Fri.	23	1 ·83	15 ·68	29	11	Wed.	23	2 ·09	21 ·47	1
11	Mon.	24	A ·33	10 ·58	28	11	Sat.	24	2 ·86	16 ·76	30	12	Thur.	24	3 ·02 / 4 ·94	22 ·43	2
12	Tues.	25	1 ·41	11 ·69	29	12	Sun.	25	3 ·89	17 ·80	1	13	Fri.	25	5 ·87	23 ·39	3
13	Wed.	26	2 ·49	12 ·79	30	13	Mon.	26	4 ·88	18 ·83	2	14	Sat.	26	6 ·78	24 ·32	4
14	Thur.	27	3 ·58	13 ·90	1	14	Tues.	27	5 ·86	19 ·84	3	15	Sun.	27	7 ·69	25 ·26	5
15	Fri.	28	4 ·65	14 ·99	2	15	Wed.	28	6 ·82	20 ·83	4	16	Mon.	28	8 ·58	26 ·19	6
16	Sat.	29	5 ·71	... ...	3	16	Thur.	29	7 ·77	21 ·80	5	17	Tues.	29	9 ·49	27 ·12	7
17	Sun.	30	6 ·74	15 ·07	4	17	Fri.	30	8 ·70	22 ·76	6	18	Wed.	30	10 ·39	1 ·05	8
18	Mon.	31	7 ·76	16 ·14	5	18	Sat.	31	9 ·61	23 ·70	7	19	Thur.	31	11 ·31	2 ·00 / 3 ·95	9

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1768. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) April 9·46. **Śaka 1690.** **Kaliyuga 4869.**
Lunar Eclipse. ○ (Arya Sid.) April 9·36. **(S. Cycle) Sarvadhārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Fri.	1	12 ·24	4 ·91	10	22	Tues.	1	13 ·42	9 ·63	11	23	Sun.	1	P ·96	15 ·81	13
22	Sat.	2	13 ·18	5 ·89	11	23	Wed.	2	14 ·47	10 ·71	12	24	Mon.	2	... ...	16 ·91	14
23	Sun.	3	14 ·14	6 ·89	12	24	Thur.	3	P ·53	11 ·79	13	25	Tues.	3	1 ·04	17 ·98	15
24	Mon. ○	4	P ·13	7 ·92	13	25	Fri.	4	1 ·61	12 ·89	14	26	Wed.	4	2 ·09	... ...	16
25	Tues.	5	1 ·14	8 ·95	14	26	Sat.	5	2 ·69	... ...	15	27	Thur.	5	3 ·13	18 ·04	17
26	Wed.	6	2 ·15	... ...	15	27	Sun.	6	3 ·78	13 ·00	16	28	Fri.	6	4 ·13	19 ·09	18
27	Thur.	7	3 ·21	9 ·01	16	28	Mon.	7	4 ·87	14 ·10	17	29	Sat.	7	5 ·12	20 ·11	19
28	Fri.	8	4 ·28	10 ·09	17	29	Tues.	8	5 ·93	15 ·20	18	30	Sun.	8	6 ·09	21 ·11	20
29	Sat.	9	5 ·35	11 ·18	18	—30	Wed.	9	6 ·99	16 ·30	19	—31	Mon.	9	7 ·03	22 ·09	21
—30	Sun.	10	6 ·43	12 ·29	19	1	Thur.	10	... ...	17 ·37	20				8 ·97		
1	Mon.	11	7 ·51	13 ·40	20	2	Fri.	11	7 ·02	18 ·42	21	1	Tues.	10	9 ·89	23 ·05	22
2	Tues.	12	8 ·60	14 ·50	21	3	Sat.	12	8 ·03	19 ·45	22	2	Wed.	11	10 ·81	24 ·02	23
3	Wed.	13	9 ·68	15 ·60	22	4	Sun.	13	9 ·02	20 ·46	23	3	Thur.	12	11 ·71	25 ·96	24
4	Thur.	14	10 ·74	16 ·68	23				10 ·99							26 ·89	
5	Fri.	15	11 ·77	17 ·75	24	5	Mon.	14	11 ·94	21 ·46	24	4	Fri.	13	12 ·61	27 ·82	25
6	Sat.	16	12 ·78	18 ·79	25	6	Tues.	15	12 ·89	22 ·43	25	5	Sat.	14	13 ·51	1 ·75	26
7	Sun.	17	13 ·79	19 ·81	26	7	Wed.	16	13 ·81	23 ·39	26	6	Sun.	15	14 ·40	2 ·69	27
8	Mon.	18	14 ·76	20 ·81	27	8	Thur.	17	14 ·72	24 ·33	27	7	Mon.	16	—A ·31	3 ·63	28
9	Tues	19	—A ·72	21 ·79	28	9	Fri.	18	—A ·63	25 ·27	28	8	Tues.	17	1 ·22	4 ·58	—29
10	Wed.	20	1 ·67	22 ·76	—29	10	Sat.	19	1 ·52	26 ·21	—29	9	Wed.	18	2 ·15	5 ·54	1
11	Thur.	21	2 ·60	23 ·72	1	11	Sun.	20	2 ·43	27 ·14	1	10	Thur.	19	3 ·10	6 ·51	2
12	Fri.	22	3 ·50	24 ·66	2	12	Mon.	21	3 ·33	1 ·07	2	11	Fri.	20	4 ·05	7 ·51	3
13	Sat.	23	4 ·40	25 ·60	3	13	Tues.	22	4 ·25	2 ·01	3	12	Sat.	21	5 ·03	8 ·53	4
14	Sun.	24	5 ·31	26 ·52	4					3 ·95		13	Sun.	22	6 ·03	9 ·57	5
15	Mon.	25	6 ·21	27 ·46	5	14	Wed.	23	5 ·16	4 ·91	4	14	Mon.	23	7 ·06	10 ·62	6
16	Tues.	26	7 ·12	1 ·40	6	15	Thur.	24	6 ·08	5 ·88	5	15	Tues.	24	8 ·09	11 ·70	7
17	Wed.	27	8 ·02	2 ·33	7	16	Fri.	25	7 ·03	6 ·87	6	16	Wed.	25	9 ·15	12 ·79	8
			9 ·95						8 ·99			17	Thur.	26	10 ·22	13 ·90	9
18	Thur.	28	10 ·88	3 ·28	8	17	Sat.	26	9 ·98	7 ·87	7	18	Fri.	27	11 ·31	... ...	10
19	Fri.	29	11 ·83	4 ·24	9	18	Sun.	27	10 ·97	8 ·89	8	19	Sat.	28	12 ·38	14 ·01	11
20	Sat.	30	12 ·79	5 ·22	10	19	Mon.	28	... ...	9 ·95	9	20	Sun.	29	13 ·47	15 ·11	12
21	Sun.	31	13 ·77	6 ·22	11	20	Tues.	29	11 ·01	... ...	10	21	Mon.	30	14 ·54	16 ·21	13
						21	Wed.	30	12 ·05	10 ·01	11	22	Tues.	31	P ·57	17 ·29	14
	Feb.					22	Thur.	31	13 ·10	11 ·09	12						
22	Mon.	1	14 ·77	7 ·28	12		**April.**						**June.**				
23	Tues.	2	P ·79	8 ·27	13	23	Fri.	1	14 ·19	12 ·19	13	28	Wed.	1	1 ·61	18 ·36	15
24	Wed.	3	1 ·84	9 ·32	14	24	Sat.	2	P ·27	13 ·29	14	24	Thur.	2	2 ·62	19 ·41	16
25	Thur.	4	2 ·91	10 ·39	15	25	Sun.	3	1 ·36	14 ·40	15	25	Fri.	3	3 ·62	20 ·43	17
26	Fri.	5	3 ·99	11 ·49	16	26	Mon.	4	2 ·44	15 ·51	16	26	Sat.	4	4 ·58	21 ·44	18
27	Sat.	6	...	12 ·59	17	27	Tues.	5	3 ·51	16 ·60	17	27	Sun.	5	5 ·54	22 ·42	19
28	Sun.	7	4 ·07	13 ·70	18	28	Wed.	6	4 ·56	17 ·68	18	28	Mon.	6	6 ·48	23 ·40	20
—29	Mon.	8	5 ·15	14 ·80	19	29	Thur.	7	5 ·60	18 ·73	19	29	Tues.	7	7 ·41	24 ·35	21
1	Tues.	9	6 ·25	15 ·90	20	—30	Fri.	8	6 ·60	19 ·77	20	30	Wed.	8	8 ·31	25 ·29	22
2	Wed.	10	7 ·32	16 ·99	21	1	Sat.	9	7 ·59	20 ·79	21	31	Thur.	9	9 ·21	26 ·23	23
3	Thur.	11	8 ·38	... ...	22	2	Sun.	10	8 ·56	21 ·79	22	—32	Fri.	10	10 ·10	27 ·16	24
4	Fri.	12	9 ·40	17 ·06	23	3	Mon.	11	9 ·50	22 ·76	23	1	Sat.	11	11 ·00	1 ·11	25
5	Sat.	13	10 ·42	18 ·10	24	4	Tues.	12	10 ·45	23 ·72	24				12 ·90		
6	Sun.	14	11 ·42	19 ·13	25	5	Wed.	13	11 ·37	24 ·67	25	2	Sun.	12	13 ·81	2 ·03	26
7	Mon.	15	12 ·39	20 ·14	26	6	Thur.	14	12 ·29	25 ·62	26					3 ·96	
8	Tues.	16	13 ·34	21 ·12	27	7	Fri.	15	13 ·19	26 ·55	27	3	Mon.	13	14 ·73	4 ·91	27
9	Wed.	17	14 ·28	22 ·10	28	8	Sat.	16	14 ·08	27 ·48	28	4	Tues.	14	—A ·64	5 ·87	28
10	Thur.	18	—A ·22	23 ·06	29				A ·99			5	Wed.	15	1 ·58	6 ·84	29
11	Fri.	19	1 ·18	24 ·00	—30	9	Sun.	17	1 ·88	1 ·41	29	6	Thur.	16	2 ·54	7 ·84	—30
				25 ·93		10	Mon.	18	2 ·80	2 ·34	—30	7	Fri.	17	3 ·52	8 ·85	1
12	Sat.	20	2 ·04	26 ·86	1	11	Tues.	19	3 ·71	3 ·29	1	8	Sat.	18	4 ·51	9 ·88	2
			3 ·93			12	Wed.	20	4 ·64	4 ·24	2	9	Sun.	19	5 ·53	10 ·93	3
13	Sun.	21	4 ·84	27 ·80	2	13	Thur.	21	5 ·57	5 ·21	3	10	Mon.	20	6 ·57	... ...	4
14	Mon.	22	5 ·74	1 ·78	3	14	Fri.	22	6 ·54	6 ·19	4	11	Tues.	21	7 ·62	11 ·00	5
15	Tues.	23	6 ·65	2 ·67	4	15	Sat.	23	7 ·52	7 ·19	5	12	Wed.	22	8 ·69	12 ·10	6
16	Wed.	24	7 ·57	3 ·62	5	16	Sun.	24	8 ·51	8 ·21	6	13	Thur.	23	9 ·78	13 ·20	7
17	Thur.	25	8 ·49	4 ·57	6	17	Mon.	25	9 ·55	9 ·26	7	14	Fri.	24	10 ·85	14 ·30	8
18	Fri.	26	9 ·45	5 ·55	7	18	Tues.	26	10 ·59	10 ·32	8	15	Sat.	25	11 ·94	15 ·41	9
19	Sat.	27	10 ·40	6 ·54	8	19	Wed	27	11 ·65	11 ·40	9	16	Sun.	26	... ...	16 ·51	10
20	Sun.	28	11 ·39	7 ·55	9	20	Thur.	28	12 ·73	12 ·49	10	17	Mon.	27	12 ·01	17 ·60	11
21	Mon.	20	12 ·39	8 ·58	10	21	Fri.	29	13 ·81	13 ·59	11	18	Tues.	28	13 ·06	18 ·67	12
						22	Sat.	30	14 ·89	14 ·71	12	19	Wed.	29	14 ·09	19 ·72	13
												20	Thur. ○	30	P ·11	20 ·75	14

Sarvajit. **Makara—Tai.** *Pausha.* *Sukla.* *Bahula.* *H.* 1181 *Sha'bán.*

Sarvajit. **Kumbha—Māgi.** *Māgha.* *Bahula.* *Phāl.* *Sukla.* *H.* 1181 *Shawwál.*

Sarvajit. **Mina—Paiguni.** *Chaitra.* *Bahula.* *Vaisākha.* *Sukla.* *H.* 1181 *Zi-l-ka'da.*

Sarvadhārin. **Mēsha—Chittirai.** *Vaisākha.* *Sukla.* *H.* 1181 *Zi-l-hijja.*

Sarvadhārin. **Vrishabha—Vaigāsi.** *Jyesht.* *Bahula.* *Āshādha.* *Sukla.* *H.* 1182 *Muharram.*

Sarvadhārin. **Mithuna—Āni.** *Āshādha.* *Sukla.* *H.* 1182 *Safar.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1768. **Kollam 944,** { **N. Malabar—Sep.** **Hijra 1182.** **Vikrama 1825.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 18.** **Bengal San. 1174.**
P—Paurnimā. **(N. Cycle) Vilamba.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Fri.	1	1 ·10	21 ·76	15	20	Thur.	1	5 ·49	1 ·11	18	20	Tues.	1	7 ·16	8 ·46	20
22	Sat.	2	2 ·06	22 ·75	16					2 ·04					8 ·14	9 ·47	21
23	Sun.	3	3 ·02	23 ·73	17	21	Fri.	2	6 ·38	3 ·97	19	21	Wed.	2			
			4 ·96			22	Sat.	3	7 ·29	4 ·93	20	22	Thur.	3	9 ·14	10 ·50	22
24	Mon.	4	5 ·88	24 ·68	18	23	Sun.	4	8 ·21	5 ·87	21	23	Fri.	4	10 ·16	11 ·54	23
25	Tues.	5	6 ·78	25 ·63	19	24	Mon.	5	9 ·14	6 ·84	22	24	Sat.	5	11 ·21	12 ·61	24
26	Wed.	6	7 ·69	26 ·57	20	25	Tues.	6	10 ·07	7 ·81	23	25	Sun.	6	12 ·27	13 ·70	25
27	Thur.	7	8 ·58	27 ·50	21	26	Wed.	7	11 ·01	8 ·81	24	26	Mon.	7	13 ·34	14 ·80	26
28	Fri.	8	9 ·48	1 ·44	22	27	Thur.	8	12 ·00	9 ·83	25	27	Tues.	8	14 ·43	15 ·91	27
29	Sat.	9	10 ·38	2 ·37	23	28	Fri.	9	13 ·00	10 ·87	26	28	Wed.	9	—**A** ·52	.. ...	28
30	Sun.	10	11 ·28	3 ·30	24	29	Sat.	10	14 ·01	11 ·94	27	29	Thur.	10	1 ·60	16 ·02	—29
—31	Mon.	11	12 ·20	4 ·24	25	30	Sun.	11	—**A** ·05	... ...	28	—30	Fri.	11	2 ·67	17 ·12	1
1	Tues.	12	13 ·12	5 ·20	26	—31	Mon.	12	1 ·11	12 ·00	—29	1	Sat.	12	3 ·73	18 ·21	2
2	Wed.	13	14 ·06	6 ·18	27	1	Tues.	13	2 ·18	13 ·10	1	2	Sun.	13	4 ·76	19 ·29	3
3	Thur. ●	14	—**A** ·01	7 ·16	28	2	Wed.	14	3 ·26	14 ·20	2	3	Mon.	14	5 ·79	20 ·34	4
			1 ·00			3	Thur.	15	4 ·35	15 ·31	3	4	Tues.	15	6 ·79	21 ·37	5
4	Fri.	15	2 ·99	8 ·17	—29	4	Fri.	16	5 ·44	16 ·42	4	5	Wed.	16	7 ·76	22 ·38	6
5	Sat.	16	.. ...	9 ·19	1	5	Sat.	17	6 ·51	17 ·51	5	6	Thur.	17	8 ·72	23 ·38	7
6	Sun.	17	3 ·00	10 ·24	2	6	Sun.	18	7 ·55	18 ·59	6	7	Fri.	18	9 ·67	24 ·35	8
7	Mon.	18	4 ·05	11 ·32	3	7	Mon.	19	8 ·59	19 ·66	7	8	Sat.	19	10 ·60	25 ·31	9
8	Tues.	19	5 ·10	12 ·40	4	8	Tues.	20	9 ·60	20 ·71	8	9	Sun.	20	11 ·51	26 ·26	10
9	Wed.	20	6 ·17	13 ·50	5	9	Wed.	21	10 ·61	21 ·73	9	10	Mon.	21	12 ·42	27 ·20	11
10	Thur.	21	7 ·25	14 ·60	6	10	Thur.	22	11 ·58	22 ·73	10	11	Tues.	22	13 ·33	1 ·13	12
11	Fri.	22	8 ·34	15 ·71	7	11	Fri.	23	12 ·55	23 ·72	11	12	Wed.	23	14 ·22	2 ·07	13
12	Sat.	23	9 ·41	16 ·82	8	12	Sat.	24	13 ·49	24 ·68	12	13	Thur.	24		3 ·00	
13	Sun.	24	10 ·47	17 ·91	9	13	Sun.	25	14 ·40	25 ·65	13				P ·13	4 ·93	14
14	Mon.	25	11 ·54	18 ·98	10	14	Mon.	26	P ·32	26 ·59	14	14	Fri.	25	1 ·03	5 ·87	15
15	Tues.	26	12 ·57	.. ...	11	15	Tues.	27	1 ·22	27 ·52	15				2 ·95		
16	Wed.	27	13 ·59	19 ·03	12	16	Wed.	28	2 ·13	1 ·45	16	15	Sat.	26	3 ·88	6 ·83	16
17	Thur.	28	14 ·57	20 ·07	13				3 ·03			16	Sun.	27	4 ·83	7 ·80	17
18	Fri.	29	P ·55	21 ·08	14	17	Thur.	29	4 ·92	2 ·38	17	17	Mon.	28	5 ·78	8 ·79	18
19	Sat.	30	1 ·50	22 ·08	15	18	Fri.	30	5 ·83	3 ·32	18	18	Tues.	29	6 ·77	9 ·79	19
20	Sun.	31	2 ·44	23 ·06	16							19	Wed.	30	7 ·77	10 ·81	20
	Aug.						**Oct.**						**Dec.**				
				24 ·02		19	Sat.	1	6 ·75	4 ·26	19	20	Thur.	1	8 ·79	11 ·85	21
21	Mon.	1	3 ·37	25 ·97	17	20	Sun.	2	7 ·68	5 ·21	20	21	Fri.	2	9 ·83	12 ·93	22
22	Tues.	2	4 ·27	26 ·90	18	21	Mon.	3	8 ·62	6 ·16	21	22	Sat.	3	10 ·90	... ...	23
23	Wed.	3	5 ·18	27 ·84	19	22	Tues.	4	9 ·57	7 ·14	22	23	Sun.	4	11 ·98	13 ·01	24
			6 ·07			23	Wed.	5	10 ·55	8 ·13	23	24	Mon.	5	... ...	14 ·10	25
24	Thur.	4	7 ·98	1 ·77	20	24	Thur.	6	11 ·55	9 ·15	24	25	Tues.	6	12 ·06	15 ·21	26
25	Fri.	5	8 ·87	2 ·70	21	25	Fri.	7	12 ·56	10 ·18	25	26	Wed.	7	13 ·15	16 ·32	27
26	Sat.	6	9 ·78	3 ·64	22	26	Sat.	8	13 ·61	11 ·23	26	27	Thur.	8	14 ·24	17 ·43	28
27	Sun.	7	10 ·70	4 ·58	23	27	Sun.	9	14 ·67	12 ·31	27	28	Fri.	9	—**A** ·31	18 ·52	29
28	Mon.	8	11 ·61	5 ·54	24	28	Mon.	10	—**A** ·74	13 ·40	28	29	Sat.	10	1 ·37	19 ·59	—30
29	Tues.	9	12 ·55	6 ·51	25	29	Tues.	11	1 ·83	14 ·51	29	—30	Sun.	11	2 ·41	20 ·65	1
30	Wed.	10	13 ·50	7 ·49	26	—30	Wed.	12	2 ·91	15 ·61	—30	1	Mon.	12	3 ·43	21 ·68	2
31	Thur.	11	14 ·49	8 ·49	27	1	Thur.	13	3 ·99	16 ·72	1	2	Tues.	13	4 ·42	22 ·71	3
—32	Fri.	12	—**A** ·48	9 ·51	28	2	Fri.	14		17 ·82	2	3	Wed.	14	5 ·40	23 ·71	4
1	Sat.	13	1 ·49	10 ·56	29	3	Sat.	15	.. ...	18 ·90	3	4	Thur.	15	6 ·36	24 ·68	5
2	Sun.	14	2 ·53	11 ·62	—30	4	Sun.	16	4 ·07	19 ·98	4	5	Fri.	16	7 ·29	25 ·64	6
3	Mon.	15	3 ·58	12 ·70	1	5	Mon.	17	5 ·12	.. ...	5	6	Sat.	17	8 ·22	26 ·60	7
4	Tues.	16	4 ·66	13 ·80	2	6	Tues.	18	6 ·16	20 ·02	6	7	Sun.	18	9 ·14	27 ·54	8
5	Wed.	17	5 ·74	14 ·90	3	7	Wed.	19	7 ·18	21 ·05	7				10 ·05		
6	Thur.	18	6 ·83	.. ...	4	8	Thur.	20	8 ·18	22 ·06	8	8	Mon.	19	11 ·95	1 ·48	9
7	Fri.	19	7 ·90	15 ·01	5	9	Fri.	21	9 ·15	23 ·04	9	9	Tues.	20	12 ·85	2 ·41	10
8	Sat.	20	8 ·98	16 ·12	6				10 ·12			10	Wed.	21	13 ·76	3 ·34	11
9	Sun.	21	.. ...	17 ·21	7	10	Sat.	22	11 ·07	24 ·01	10	11	Thur.	22	14 ·66	4 ·27	12
10	Mon.	22	9 ·03	18 ·29	8	11	Sun.	23	12 ·99	25 ·98	11	12	Fri.	○23	P ·58	5 ·22	13
11	Tues.	23	10 ·06	19 ·35	9	12	Mon.	24	13 ·90	26 ·92	12	13	Sat.	24	1 ·52	6 ·17	14
12	Wed.	24	11 ·08	20 ·38	10	13	Tues.	25	14 ·80	27 ·86	13	14	Sun.	25	2 ·47	7 ·13	15
13	Thur.	25	12 ·07	21 ·41	11	14	Wed.	26	P ·71	1 ·79	14	15	Mon.	26	3 ·43	8 ·11	16
14	Fri.	26	13 ·05	22 ·41	12	15	Thur.	27	1 ·60	2 ·73	15	16	Tues.	27	4 ·42	9 ·11	17
			14 ·01			16	Fri.	28	2 ·51	3 ·66	16	17	Wed.	28	5 ·41	10 ·13	18
15	Sat.	27	P ·96	23 ·39	13	17	Sat.	29	3 ·41	4 ·60	17	18	Thur.	29	6 ·44	11 ·17	19
			1 ·88			18	Sun.	30	4 ·34	5 ·54	18	19	Fri.	30	7 ·49	12 ·23	20
16	Sun.	28	2 ·78	24 ·85	14	19	Mon.	31	5 ·27	6 ·50	19	20	Sat.	31	8 ·55	13 ·31	21
17	Mon.	29	3 ·68	25 ·80	15				6 ·21	7 ·47							
18	Tues.	30	4 ·58	26 ·25	16												
19	Wed.	31		27 ·18	17												

Sarvadhārin. **Mithuna—Āṇi.** *Bahula.* *Sukla.* *H.* 1182 *Śafar.* *Sarvadhārin.* **Karkataka—Ādi.** *H.* 1182 *Rabī-ul awwal.* *Sarvadhārin.* **Simha—Āvaṇi.** *H.* 1182 *Rabī-ul ākhir.* *Sarvadhārin.* **Kanyā—Puraṭṭāsi.** *H.* 1182 *Jamādā'l awwal.* *Sarvadhārin.* **Tulā—Aippaśi.** *H.* 1182 *Jamādā'l ākhir.* *Sarvadhārin.* **Vṛśchika—Kārttigai.** *H.* 1182 *Rajab.* *Sarvadhārin.* **Dhanus—Mārgaḷi.** *H.* 1182 *Śha'bān.*

Ash. Śrāvaṇa. Adhika Śrāvaṇa. Nija Śrāvaṇa.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh.. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24 Śatab.

A.D. 1769. **Mésha Sankránti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) **April 9·72.** **Śaka 1691.** **Kaliyuga 4870.**
Lunar Eclipse. ○ (Arya Sid.) **April 9·62.** **(S. Cycle) Virodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
21	Sun.	1	9 ·63	14 ·40	22	22	Wed.	1	*Phálg.* 8 ·16	18 ·42	22	22	Mon.	1	10 ·40	24 ·33	24
22	Mon.	2	10 ·71	15 ·51	23	23	Thur.	2	9 ·23	19 ·51	23	23	Tues.	2	11 ·35	25 ·31	25
23	Tues.	3	*Pausha.* 11 ·81	16 ·62	24	24	Fri.	3	10 ·28	20 ·59	24	24	Wed.	3	12 ·28	26 ·27	26
24	Wed.	4	12 ·89	17 ·73	25	25	Sat.	4	11 ·32	21 ·64	25	25	Thur.	4	13 ·21	27 ·23	27
25	Thur.	5	13 ·96	18 ·82	26	26	Sun.	5	12 ·32	22 ·67	26	26	Fri.	5	14 ·12	1 ·17	28
26	Fri.	6	... ...	19 ·90	27	27	Mon.	6	13 ·32	23 ·68	27	27	Sat.	6	A ·02	2 ·11	29
27	Sat.	7	14 ·02	20 ·96	28	28	Tues.	7	14 ·29	24 ·67	28				1 ·91		
28	Sun.●	8	A ·05	... ...	29	29	Wed.	8	A ·25	25 ·65	29	28	Sun.	7	2 ·62	3 ·04	1
29	Mon.	9	1 ·07	21 ·00	1	30	Thur.	9	1 ·18	26 ·61	1					4 ·97	
1	Tues.	10	2 ·07	22 ·03	2	1	Fri.	10	2 ·10	27 ·55	2	29	Mon.	8	3 ·72	5 ·90	2
2	Wed.	11	3 ·05	23 ·03	3				*Śukla.* 3 ·02	1 ·49		30	Tues.	9	4 ·62	6 ·84	3
3	Thur.	12	4 ·00	24 ·01	4	2	Sat.	11	4 ·92		3	31	Wed.	10	5 ·54	7 ·80	4
			5 ·95	25 ·98		3	Sun.	12	5 ·82	2 ·42	4	1	Thur.	11	6 ·46	8 ·76	5
4	Fri.	13	6 ·87	26 ·93	5	4	Mon.	13	6 ·72	3 ·36	5	2	Fri.	12	7 ·41	9 ·73	6
5	Sat.	14	7 ·78	27 ·88	6	5	Tues.	14	7 ·63	4 ·29	6	3	Sat.	13	8 ·37	10 ·73	7
6	Sun.	15	8 ·69	1 ·81	7	6	Wed.	15	8 ·53	5 ·23	7	4	Sun.	14	9 ·36	11 ·74	8
7	Mon.	16	9 ·59	2 ·74	8	7	Thur.	16	9 ·44	6 ·17	8	5	Mon.	15	10 ·36	12 ·79	9
8	Tues.	17	10 ·50	3 ·67	9	8	Fri.	17	10 ·38	7 ·12	9	6	Tues.	16	11 ·37	13 ·84	10
9	Wed.	18	11 ·40	4 ·61	10	9	Sat.	18	11 ·32	8 ·09	10	7	Wed.	17	12 ·42	14 ·92	11
10	Thur.	19	12 ·31	5 ·55	11	10	Sun.	19	12 ·30	9 ·08	11	8	Thur.	18	13 ·48	... ...	12
11	Fri.	20	13 ·23	6 ·50	12	11	Mon.	20	13 ·28	10 ·09	12	9	Fri.	19	14 ·56	15 ·01	13
12	Sat.	21	14 ·17	7 ·48	13	12	Tues.	21	14 ·28	11 ·11	13	10	Sat.	20	P ·64	16 ·11	14
13	Sun.	22	P ·11	8 ·44	14	13	Wed.	22	P ·31	12 ·16	14	11	Sun.	21	1 ·72	17 ·23	15
14	Mon.	23	1 ·07	9 ·43	15	14	Thur.	23	1 ·36	13 ·22	15	12	Mon.	22	2 ·80	18 ·33	16
15	Tues.	24	2 ·08	10 ·45	16	15	Fri.	24	2 ·42	14 ·31	16	13	Tues.	23	3 ·87	19 ·43	17
16	Wed.	25	3 ·05	11 ·49	17	16	Sat.	25	3 ·50	15 ·41	17	14	Wed.	24	4 ·93	20 ·51	18
17	Thur.	26	4 ·09	12 ·54	18	17	Sun.	26	4 ·59	16 ·52	18	15	Thur.	25	5 ·95	21 ·57	19
18	Fri.	27	5 ·14	13 ·61	19	18	Mon.	27	5 ·67	17 ·62	19	16	Fri.	26	6 ·96	22 ·63	20
19	Sat.	28	6 ·21	14 ·70	20	19	Tues.	28	*Baish.* 6 ·76	18 ·72	20	17	Sat.	27	7 ·94	23 ·65	21
20	Sun.	29	7 ·28	15 ·80	21	20	Wed.	29	7 ·82	19 ·82	21	18	Sun.	28	8 ·92	24 ·67	22
21	Mon.	30	8 ·37	16 ·92	22	21	Thur.	30	8 ·87	20 ·90	22	19	Mon.	29	9 ·86	25 ·64	23
22	Tues.	31	9 ·46	... ...	23	22	Fri.	31	9 ·91	21 ·95	23	20	Tues.	30	10 ·80	26 ·61	24
												21	Wed.	31	11 ·71	27 ·56	25
		Feb.						**April.**						**June.**			
23	Wed.	1	10 ·54	17 ·02	24	23	Sat.	1	10 ·90	22 ·99	24	22	Thur.	1	12 ·61	1 ·51	26
24	Thur.	2	11 ·61	18 ·12	25	24	Sun.	2	11 ·90	... ...	25	23	Fri.	2	13 ·52	2 ·45	27
25	Fri.	3	12 ·67	19 ·20	26	25	Mon.	3	12 ·86	23 ·00	26	24	Sat.	3	14 ·41	3 ·38	28
26	Sat.	4	13 ·70	20 ·27	27	26	Tues.	4	13 ·82	24 ·01	27	25	Sun.●	4	A ·32	4 ·31	29
27	Sun.	5	14 ·71	21 ·33	28	27	Wed.	5	14 ·75	25 ·98	28	26	Mon.	5	1 ·21	5 ·24	30
28	Mon.	6	A ·70	22 ·35	29	28	Thur.	6	A ·68	26 ·94	29	27	Tues.	6	2 ·12	6 ·18	1
29	Tues.	7	1 ·69	23 ·36	30	29	Fri.	7	1 ·59	27 ·89	30	28	Wed.	7	3 ·04	7 ·13	2
1	Wed.	8	2 ·64	24 ·34	1	30	Sat.	8	2 ·49	1 ·83	1				4 ·96		
2	Thur.	9	3 ·57	25 ·31	2	31	Sun.	9	3 ·38	2 ·77	2	29	Thur.	8	5 ·90	8 ·09	3
3	Fri.	10	4 ·49	26 ·27	3	1	Mon.	10	4 ·28	3 ·70	3	30	Fri.	9	6 ·86	9 ·06	4
4	Sat.	11	5 ·41	27 ·22	4	2	Tues.	11	5 ·19	4 ·68	4	31	Sat.	10	7 ·85	10 ·05	5
5	Sun.	12	6 ·32	1 ·15	5	3	Wed.	12	6 ·09	5 ·56	5	1	Sun.	11	8 ·84	11 ·07	6
6	Mon.	13	7 ·23	2 ·08	6				7 ·00			2	Mon.	12	9 ·86	12 ·10	7
				3 ·01		4	Thur.	13	8 ·04	7 ·45	6	3	Tues.	13	10 ·90	13 ·15	8
7	Tues.	14	8 ·12	4 ·95	7				*Chaitra.* 9 ·89	8 ·43	7	4	Wed.	14	11 ·95	14 ·22	9
8	Wed.	15	9 ·02	5 ·89	8	5	Fri.	14	10 ·85	9 ·41	8	5	Thur.	15	... ...	15 ·31	10
			10 ·93			6	Sat.	15	11 ·83	10 ·41	9	6	Fri.	16	12 ·03	16 ·43	11
9	Thur.	16	11 ·85	6 ·84	9	7	Sun.	16	12 ·84	11 ·43	10	7	Sat.	17	13 ·11	17 ·53	12
10	Fri.	17	12 ·79	7 ·79	10	8	Mon.	17	13 ·86	12 ·47	11	8	Sun.	18	14 ·19	18 ·63	13
11	Sat.	18	13 ·74	8 ·76	11	9	Tues.	18	14 ·91	13 ·53	12	9	Mon.○	19	P ·28	19 ·73	14
12	Sun.	19	14 ·70	9 ·76	12	10	Wed.	19	P ·97	14 ·62	13	10	Tues.	20	1 ·35	20 ·81	15
13	Mon.	20	P ·68	10 ·77	13	11	Thur.	20	... ...	15 ·71	14	11	Wed.	21	2 ·40	21 ·88	16
14	Tues.	21	1 ·67	11 ·80	14	12	Fri.	21	1 ·05	16 ·81	15	12	Thur.	22	3 ·44	22 ·94	17
15	Wed.	22	2 ·71	12 ·85	15	13	Sat.	22	2 ·13	17 ·92	16	13	Fri.	23	4 ·44	23 ·97	18
16	Thur.	23	3 ·76	13 ·92	16	14	Sun.	23	3 ·21	... ...	17	14	Sat.	24	5 ·42	24 ·98	19
17	Fri.	24	4 ·83	.. ...	17	15	Mon.	24	4 ·29	18 ·03	18	15	Sun.	25	6 ·40	25 ·97	20
18	Sat.	25	5 ·91	14 ·00	18	16	Tues.	25	5 ·36	19 ·13	19	16	Mon.	26	7 ·34	26 ·94	21
19	Sun.	26	... ...	15 ·11	19	17	Wed.	26	6 ·41	20 ·20	20	17	Tues.	27	8 ·28	27 ·90	22
20	Mon.	27	6 ·00	16 ·22	20	18	Thur.	27	7 ·45	21 ·24	21	18	Wed.	28	9 ·20	1 ·85	23
21	Tues.	28	7 ·08	17 ·32	21	19	Fri.	28	8 ·46	22 ·30	22	19	Thur.	29	10 ·11	2 ·78	24
						20	Sat.	29	9 ·44	23 ·33	23	20	Fri.	30	11 ·01	3 ·72	25
						21	Sun.	30							12 ·90		

Sarvadhárin. **Makara—Tái.** *Śaka.* *H.* 1182 *Ramadán.*

Sarvadhárin. **Kumbha—Máśi.** *Śaka.* *H.* 1182 *Shawwál.*

Sarvadhárin. **Mína—Pánguni.** *Virodhin.* **Méshа—Chittirai.** *Śaka.* *H.* 1182 *Zi-l-ka'da.*

Virodhin. **Vṛishabha—Vaigáśi.** *Śaka.* *H.* 1182 *Zi-l-hijja.*

Virodhin. **Mithuna—Áni.** *Śaka.* *H.* 1183 *Muharram.*

Virodhin. **Karkaṭa—Áḍi.** *Śaka.* *H.* 1183 *Safar.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrá. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1769. **Kollam 945,** { **N. Malabar—Sep.** **Hijra 1183.** **Vikrama 1826.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **May 7** **Bengal San. 1175.**
P—Paurnimā. **(M. Cycle) Vikarin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
Virodhin. **Mithuna—Āni.** 21	Sat.	1	13 ·81	4 ·65	26	*Virodhin.* **Siṁha—Āvaṇi.** 20	Fri.	1	1 ·31	11 ·03	—29	*Virodhin.* **Tulā—Aippaśi.** 19	Wed.	1	3 ·72	17 ·02	2
22	Sun.	2	14 ·70	5 ·59	27	21	Sat.	2	2 ·32	12 ·04	1	20	Thur.	2	4 ·81	18 ·13	3
23	Mon.	3	—**A** ·61	6 ·52	28	22	Sun.	3	3 ·33	13 ·08	2	21	Fri	3	5 ·89	19 ·24	4
24	Tues.	4	1 ·52	7 ·46	—29	23	Mon.	4	4 ·38	14 ·15	3	22	Sat.	4	6 ·97	20 ·34	5
25	Wed.	5	2 ·44	8 ·42	1	24	Tues.	5	5 ·43	15 ·22	4	23	Sun.	5	... ...	21 ·43	6
26	Thur.	6	3 ·38	9 ·39	2	25	Wed.	6	6 ·49	16 ·32	5	24	Mon.	6	7 ·03	22 ·51	7
27	Fri.	7	4 ·35	10 ·38	3	26	Thur.	7	7 ·57	17 ·42	6	25	Tues.	7	8 ·06	23 ·56	8
28	Sat.	8	5 ·32	11 ·39	4	27	Fri.	8	8 ·66	18 ·52	7	26	Wed.	8	9 ·09	**24** ·59	9
29	Sun.	9	6 ·32	12 ·41	5	28	Sat.	9	9 ·74	19 ·61	8	27	Thur.	9	10 ·07	25 ·99	10
30	Mon.	10	7 ·34	13 ·46	6	29	Sun.	10	10 ·82	20 ·73	9	28	Fri.	10	11 ·05	26 ·59	11
31	Tues.	11	8 ·37	14 ·53	7	30	Mon.	11	11 ·88	21 ·81	10	—29	Sat.	11	12 ·01	27 ·56	12
—32	Wed.	12	9 ·44	15 ·62	8	—31	Tues.	12	12 ·91	22 ·88	11				13 ·96		
1	Thur.	13	10 ·51	16 ·72	9	1	Wed.	13	13 ·94	23 ·92	12	1	Sun.	12	14 ·88	1 ·56	13
2	Fri.	14	11 ·60	17 ·82	10	2	Thur.	14	14 ·92	24 ·95	13	2	Mon.	13	**P** ·79	2 ·42	14
3	Sat.	15	12 ·67	18 ·92	11	3	Fri.	15	**P** ·89	25 ·95	14	3	Tues.	14	1 ·69	3 ·42	15
4	Sun.	16	13 ·75	... ...	12	4	Sat.	16	1 ·86	26 ·94	15	4	Wed.	15	2 ·60	4 ·35	16
5	Mon.	17	14 ·83	19 ·03	13	5	Sun.	17	2 ·79	27 ·90	16	5	Thur.	16	3 ·50	5 ·28	17
6	Tues.	18	**P** ·87	20 ·12	14	6	Mon.	18	3 ·72	1 ·85	17	6	Fri	17	4 ·40	6 ·22	18
7	Wed.	19	1 ·91	21 ·20	15	7	Tues.	19	4 ·62	2 ·81	18	7	Sat.	18	5 ·32	7 ·15	19
8	Thur.	20	2 ·92	22 ·28	16	8	Wed.	20	5 ·53	3 ·74	19	8	Sun.	19	6 ·24	8 ·09	20
9	Fri.	21	3 ·91	23 ·29	17	9	Thur.	21	6 ·43	4 ·67	20	9	Mon.	20	7 ·17	9 ·05	21
10	Sat.	22	4 ·87	24 ·30	18	10	Fri.	22	7 ·33	5 ·60	21	10	Tues.	21	8 ·10	10 ·01	22
11	Sun.	23	5 ·82	25 ·29	19	11	Sat.	23	8 ·22	6 ·53	22	11	Wed.	22	9 ·06	11 ·01	23
12	Mon.	24	6 ·76	26 ·28	20	12	Sun.	24	9 ·13	7 ·47	23	12	Thur.	23	10 ·06	12 ·01	24
13	Tues.	25	7 ·68	27 ·24	21	13	Mon.	25	10 ·05	8 ·43	24	13	Fri.	24	11 ·06	13 ·02	25
14	Wed.	26	8 ·60	1 ·18	22				11 ·97			14	Sat.	25	12 ·08	14 ·07	26
15	Thur.	27	9 ·50	2 ·12	23	14	Tues.	26	12 ·92	9 ·38	25	15	Sun.	26	13 ·12	15 ·14	27
16	Fri.	28	10 ·40	3 ·05 / 4 ·99	24	15	Wed.	27	13 ·87	10 ·36	26	16	Mon.	27	14 ·19	16 ·23	28
17	Sat.	29	11 ·29	5 ·92	25	16	Thur.	28	14 ·86	11 ·35	27	17	Tues.	28	—**A** ·27	17 ·32	29
18	Sun.	30	12 ·19	6 ·86	26	17	Fri.	29	—**A** ·85	12 ·36	28	18	Wed.	29	1 ·35	18 ·43	—30
19	Mon.	31	13 ·10	7 ·80	27	18	Sat.	30	1 ·87	13 ·40	29	19	Thur.	30	2 ·44	19 ·53	1
	Aug.						**Oct.**						**Dec.**				
Virodhin. **Karkataka—Ādi.** 20	Tues.	1	14 ·00 / **A** ·92	8 ·75	28	19	Sun.	1	2 ·92	14 ·48	—30	20	Fri	1	3 ·52	20 ·64	2
21	Wed.	2	1 ·86	9 ·73	29	20	Mon.	2	3 ·97	15 ·53	1	21	Sat.	2	4 ·60	21 ·73	3
22	Thur.	3	2 ·83	10 ·71	—30	21	Tues.	3	... ..	16 ·62	2	22	Sun	3	5 ·68	22 ·81	4
23	Fri.	4	3 ·80	11 ·71	1	22	Wed.	4	4 ·05	17 ·72	3	23	Mon.	4	6 ·70	23 ·87	5
24	Sat.	5	4 ·81	12 ·73	2	23	Thur.	5	5 ·13	18 ·83	4	24	Tues.	5	7 ·72	24 ·91	6
25	Sun.	6	5 ·82	13 ·77	3	24	Fri.	6	6 ·22	19 ·94	5	25	Wed.	6	8 ·71	25 ·92	7
26	Mon.	7	6 ·85	14 ·83	4	25	Sat.	7	7 ·29	... ..	6	26	Thur.	7	9 ·68	26 ·92	8
27	Tues.	8	7 ·91	15 ·92	5	26	Sun.	8	8 ·37	20 ·04	7	27	Fri.	8	10 ·64	27 ·90	9
28	Wed.	9	8 ·98	... ...	6	27	Mon.	9	9 ·43	21 ·12	8	28	Sat.	9	11 ·48	1 ·87	10
29	Thur.	10	... ...	16 ·02	7	28	Tues.	10	10 ·47	22 ·19	9	29	Sun.	10	12 ·30	2 ·81	11
—30	Fri.	11	9 ·07	17 ·12	8	29	Wed.	11	11 ·50	23 ·24	10	—30	Mon.	11	13 ·41	3 ·75	12
31	Sat.	12	10 ·16	18 ·23	9	30	Thur.	12	12 ·48	24 ·27	11	1	Tues.	12	14 ·32	4 ·69	13
1	Sun.	13	11 ·24	19 ·33	10	—31	Fri.	13	13 ·46	25 ·28	12	2	Wed	13	**P** ·23	5 ·63	14
2	Mon.	14	12 ·30	20 ·43	11	1	Sat.	14	14 ·42	26 ·26	13	3	Thur.	14	1 ·12	6 ·56	15
3	Tues.	15	13 ·35	21 ·51	12	2	Sun.	15	**P** ·35	27 ·23	14	4	Fri.	15	2 ·06 / 3 ·94	7 ·49	16
4	Wed.	16	14 ·39	22 ·57	13	3	Mon.	16	1 ·28	1 ·19	15				4 ·86	8 ·43	17
5	Thur.	17	**P** ·41	23 ·61	14	4	Tues.	17	2 ·19	2 ·14	16	5	Sat.	16	5 ·80	9 ·38	18
6	Fri.	18	1 ·40	24 ·62	15	5	Wed.	18	**3** ·09 / 4 ·89	3 ·08	17	6	Sun.	17	6 ·74	10 ·35	19
7	Sat.	19	2 ·36	25 ·63	16					4 ·01 / 5 ·94		7	Mon.	18	7 ·71	11 ·33	20
8	Sun.	20	3 ·33	26 ·61	17	6	Thur.	19	5 ·90		18	8	Tues.	19	8 ·69	12 ·33	21
9	Mon.	21	4 ·26	27 ·57	18	7	Fri.	20	6 ·79	6 ·87	19	9	Wed.	20	9 ·71	13 ·35	22
10	Tues.	22	5 ·19	1 ·52	19	8	Sat.	21	7 ·71	7 ·82	20	10	Thur.	21	10 ·73	14 ·38	23
11	Wed.	23	6 ·10	2 ·46	20	9	Sun.	22	8 ·63	8 ·76	21	11	Fri.	22	11 ·77	15 ·46	24
12	Thur.	24	7 ·00 / 8 ·89	3 ·40	21	10	Mon.	23	9 ·55	9 ·72	22	12	Sat.	23	12 ·84	16 ·53	25
13	Fri.	25	9 ·79	4 ·33	22	11	Tues.	24	10 ·50	10 ·69	23	13	Sun.	24	13 ·92	17 ·62	26
14	Sat.	26	10 ·69	5 ·26	23	12	Wed.	25	11 ·45	11 ·67	24	14	Mon.	25	.. ..	18 ·73	27
15	Sun.	27	11 ·60	6 ·19	24	13	Thur.	26	12 ·44	12 ·69	25	15	Tues.	26	14 ·01	19 ·85	28
16	Mon.	28	12 ·52	7 ·13	25	14	Fri.	27	13 ·44	13 ·72	26	16	Wed.	27	15 ·10	20 ·94	—29
17	Tues.	29	13 ·44	8 ·08	26	15	Sat.	28	14 ·46	14 ·77	27	17	Thur.	28	—**A** ·19	... ...	1
18	Wed.	30	14 ·37	9 ·05	27	16	Sun.	29	—**A** ·50	15 ·83	28	18	Fri.	29	1 ·19	... ...	1
19	Thur.	31	—**A** ·33	10 ·03	28	17	Mon.	30	1 ·56	16 ·92	—29	19	Sat	30	2 ·25	21 ·04	2
						18	Tues.	31	2 ·65	... ...	1	20	Sun.	31	3 ·30	22 ·12	3

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1770. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·98.** **Śaka 1692.** **Kaliyuga 4871.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·88.** **(S. Cycle) Vikrita.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
21	Mon. 1	*Sukla.* 4 ·35	28 ·18	4
22	Tues. 2	5 ·36	24 ·22	5
23	Wed. 3	6 ·35	25 ·24	6
24	Thur. 4	7 ·32	26 ·25	7
25	Fri. 5	8 ·29	27 ·23	8
26	Sat. 6	9 ·22	1 ·20	9
27	Sun. 7	10 ·14	2 ·15	10
28	Mon. 8	11 ·06 / 12 ·96	3 ·09	11
—29	Tues. 9	*Paksha.* 13 ·87	4 ·03 / 5 ·96	12
1	Wed. 10	☽ 14 ·77	6 ·89	13
2	Thur. 11	☽ 1 ·68	7 ·83	14
3	Fri. 12	1 ·59	8 ·76	15
4	Sat. 13	2 ·51	9 ·71	16
5	Sun. 14	3 ·44	10 ·67	17
6	Mon. 15	4 ·38	11 ·66	18
7	Tues. 16	5 ·35	12 ·65	19
8	Wed. 17	6 ·34	13 ·66	20
9	Thur. 18	*Bahula.* 7 ·35	14 ·70	21
10	Fri. 19	8 ·37	15 ·76	22
11	Sat. 20	9 ·43	16 ·83	23
12	Sun. 21	10 ·50	17 ·92	24
13	Mon. 22	11 ·57	.. ...	25
14	Tues. 23	12 ·66	18 ·02	26
15	Wed. 24	13 ·75	19 ·13	27
16	Thur. 25	14 ·84	20 ·24	28
17	Fri 26	—A ·91	21 ·34	29
18	Sat. 27	1 ·97	22 ·43	—30
19	Sun. 28	2 ·99	23 ·49	1
20	Mon. 29	... ...	24 ·54	2
21	Tues. 30	3 ·00 / 4 ·99	25 ·57	3
22	Wed. 31	5 ·97	26 ·58	4
	Feb.			
23	Thur. 1	6 ·93	27 ·56	5
24	Fri. 2	7 ·85	1 ·53	6
25	Sat. 3	*Sukla.* 8 ·78	2 ·48	7
26	Sun. 4	9 ·69	3 ·44	8
27	Mon. 5	10 ·60	4 ·37	9
28	Tues. 6	11 ·50	5 30	10
29	Wed. 7	12 ·39	6 ·23	11
—30	Thur. 8	13 ·31	7 ·16	12
1	Fri. 9	14 ·22	8 ·10	13
2	Sat. 10	☽ ·14	9 ·05	14
3	Sun. 11	1 ·06	10 ·01 / 11 ·98	15
4	Mon. 12	2 ·02 / 3 ·99	12 97	16
5	Tues. 13	4 ·97	13 ·98	17
6	Wed. 14	5 ·98	... ...	18
7	Thur. 15	... ...	14 ·02	19
8	Fri. 16	*Bahula.* 6 ·01	15 ·07	20
9	Sat. 17	7 ·07	16 ·14	21
10	Sun. 18	8 ·18	17 ·22	22
11	Mon. 19	9 ·21	18 ·32	28
12	Tues. 20	10 ·29	19 ·44	24
13	Wed. 21	11 ·37	20 ·54	25
14	Thur. 22	12 ·46	21 ·64	26
15	Fri. 23	13 ·53	22 ·78	27
16	Sat. 24	14 ·59	23 ·80	28
17	Sun. 25	—A ·62	24 ·86	—29
18	Mon. 26	1 ·63	25 ·89	1
19	Tues. 27	2 ·61	26 ·90	2
20	Wed. 28	3 ·59	27 ·89	3

Virodhin. **Makara—Tai.** *H.* 1183 *Ramazān.* **Kumbha—Māgha.** *Virodhin.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
21	Thur. 1	*Sukla.* 4 ·53	1 ·86	4
22	Fri. 2	5 ·47	2 ·82	5
23	Sat. 3	6 ·40	3 ·77	6
24	Sun. 4	7 ·30	4 ·71	7
25	Mon. 5	8 ·21	5 ·64	8
26	Tues. 6	9 ·11	6 ·57	9
27	Wed. 7	10 ·01 / 11 ·91	7 ·50	10
28	Thur. 8	12 ·82	8 ·45	11
29	Fri. 9	13 ·75	9 ·39	12
— 30	Sat. 10	14 ·68	10 ·34	13
1	Sun. 11	*Phālguna.* ☽ ·63	11 ·31	14
2	Mon. 12	☽ 1 59	12 29	15
3	Tues. 13	2 ·58	13 ·31	16
4	Wed. 14	3 ·58	14 ·33	17
5	Thur. 15	4 ·62	15 ·38	18
6	Fri. 16	5 ·66	16 ·44	19
7	Sat. 17	6 ·72	17 ·52	20
8	Sun. 18	*Bahula.* 7 ·81	18 ·63	21
9	Mon. 19	8 ·89	19 ·74	22
10	Tues. 20	9 ·99	20 ·84	23
11	Wed. 21	... ...	21 ·94	24
12	Thur. 22	10 ·07	... ...	25
13	Fri. 23	11 ·13	22 ·03	26
14	Sat. 24	12 ·18	23 ·12	27
15	Sun. 25	13 ·21	24 ·17	28
16	Mon. 26	14 ·22	25 ·21	29
17	Tues. 27	—A ·20	26 ·22	—30
18	Wed. 28	1 ·17	27 ·21	1
19	Thur. 29	2 ·12	1 ·19	2
20	Fri. 30	3 ·06 / 4 ·97	2 ·16	3
21	Sat. 31	5 ·88	3 ·11	4
	April.			
22	Sun. 1	6 ·79	4 ·05 / 5 ·98	5
23	Mon. 2	*Sukla.* 7 ·68	6 ·91	6
24	Tues. 3	8 ·58	7 ·85	7
25	Wed. 4	9 ·49	8 ·78	8
26	Thur. 5	10 ·40	9 ·72	9
27	Fri. 6	11 ·32	10 ·67	10
28	Sat. 7	12 ·25	11 ·64	11
29	Sun. 8	13 ·20	12 ·63	12
—30	Mon. 9	14 ·16	13 ·63	13
1	Tues. 10	☽ ·14	14 ·65	14
2	Wed. 11	☽ 1 ·14	15 ·69	15
3	Thur. 12	2 ·18	16 ·75	16
4	Fri. 13	3 ·22	17 ·84	17
5	Sat. 14	4 ·29	18 ·93	18
6	Sun. 15	5 37	... ...	19
7	Mon. 16	6 ·45	19 ·03	20
8	Tues. 17	7 ·54	20 ·14	21
9	Wed. 18	*Bahula.* 8 ·32	21 24	22
10	Thur. 19	9 ·68	22 ·34	23
11	Fri. 20	10 ·73	23 ·42	24
12	Sat. 21	11 ·77	24 ·48	25
13	Sun. 22	12 ·76	25 ·52	26
14	Mon. 23	13 ·74	26 ·54	27
15	Tues. 24	14 ·72	27 ·54	28
16	Wed. 25	—A ·66	1 ·53	29
17	Thur. 26	1 ·60	2 ·49	—30
18	Fri. 27	*Sukla.* 2 ·51	3 ·44	1
19	Sat. 28	3 ·43	4 ·38	2
20	Sun. 29	4 ·33	5 ·32	3
21	Mon. 30	5 ·23	6 ·26	4

Virodhin. **Mīna—Pāṅguni.** *Vikrita.* **Mēsha—Chittirai.** *Vikrita.* *H.* 1183 *Zi-l-ka'da.* *Zi-l-hijja.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
22	Tues. 1	6 ·12	7 ·19	5
23	Wed. 2	7 ·02 / 8 ·93	8 ·12	6
24	Thur. 3	9 ·84	9 ·06	7
25	Fri. 4	*Sukla.* 10 ·78	10 ·01 / 11 ·98	8
26	Sat. 5	11 ·73	12 ·95	9
27	Sun. 6	12 ·69	13 ·95	10
28	Mon. 7	13 ·67	14 ·96	11
29	Tues. 8	14 ·67	... ...	12
30	Wed. 9	☽ ·71	15 ·00	13
31	Thur. 10	☽ 1 ·75	16 ·06	14
1	Fri. 11	2 .81	17 ·14	15
2	Sat. 12	3 ·88	18 ·23	16
3	Sun. 13	4 ·97	19 ·33	17
4	Mon. 14	... ...	20 ·44	18
5	Tues. 15	5 ·05	21 ·54	19
6	Wed. 16	6 ·13	22 ·65	20
7	Thur. 17	7 ·19	23 ·73	21
8	Fri. 18	8 ·24	24 ·79	22
9	Sat. 19	*Bahula.* 9 ·27	25 ·84	23
10	Sun. 20	10 ·28	26 ·86	24
11	Mon. 21	11 ·27	27 ·87	25
12	Tues. 22	12 ·23	1 ·86	26
13	Wed. 23	13 ·19	2 ·83	27
14	Thur. 24	14 11	3 ·78	28
15	Fri.● 25	A ·02 / 1 ·93	4 ·72	29
16	Sat. 26	2 ·83	5 ·67	—30
17	Sun. 27	3 ·73	6 ·60	1
18	Mon. 28	4 ·63	7 ·53	2
19	Tues. 29	*Sukla.* 5 ·53	8 ·46	3
20	Wed. 30	6 ·43	9 ·39	4
21	Thur. 31	7 ·34	10 ·35	5
	June.			
22	Fri. 1	8 ·28	11 ·31	6
23	Sat. 2	9 ·22	12 ·28	7
24	Sun. 3	10 ·19	13 ·27	8
25	Mon. 4	11 ·17	14 ·28	9
26	Tues. 5	12 ·17	15 ·31	10
27	Wed. 6	13 ·19	16 ·37	11
28	Thur. 7	14 ·24	17 ·44	12
29	Fri. 8	☽ ·31	18 ·53	13
30	Sat. 9	☽ 1 ·37	19 ·63	14
—31	Sun. 10	2 ·46	20 ·73	15
1	Mon. 11	3 ·54	21 ·85	16
2	Tues. 12	4 ·61	22 ·95	17
3	Wed. 13	5 ·67	... ...	18
4	Thur. 14	*Bahula.* 6 ·73	23 ·04	19
5	Fri. 15	7 ·75	24 ·10	20
6	Sat. 16	8 ·76	25 ·15	21
7	Sun. 17	9 ·75	26 ·19	22
8	Mon. 18	10 ·72	27 ·20	28
9	Tues. 19	11 ·67	1 ·19	24
10	Wed. 20	12 ·60	2 ·16	25
11	Thur. 21	13 ·52	3 ·11	26
12	Fri. 22	14 ·42	4 ·07	27
13	Sat. 23	—A ·32	5 ·00 / 6 ·93	28
14	Sun. 24	1 ·22	7 ·86	—29
15	Mon. 25	2 ·11	8 ·79	1
16	Tues. 26	*Sukla.* 3 ·02 / 4 ·92	9 ·73	2
17	Wed. 27	5 ·83	10 ·68	3
18	Thur. 28	6 ·76	11 ·64	4
19	Fri. 29	7 ·71	12 ·61	5
20	Sat. 30	8 ·67	13 ·59	6

Vikrita. **Vrishabha—Vaiśākha.** *Vikrita.* **Mithuna—Āni.** *H.* 1184 *Muharram.* *Safar.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1770. **Kollam 946,** { **N. Malabar—Sep.** **Hijra 1184.** **Vikrama 1827.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 27.** **Bengal San. 1176.**
P—Paurnimā. **(N. Cycle) Śārvari.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		July.						**Sep.**						**Nov.**			
21	Sun.	1	9 ·65	14 ·60	7	20	Sat.	1	12 ·99	21 ·74	10	19	Thur.	1	13 ·38	27 ·81	12
22	Mon.	2	10 ·65	15 ·63	8	21	Sun.	2	... ...	22 ·85	11	20	Fri.	2	14 ·37	1 ·82	13
23	Tues.	3	11 ·67	16 ·68	9	22	Mon.	3	13 ·07	23 ·95	12	21	Sat.	3	P ·34	2 ·81	14
24	Wed.	4	12 ·72	17 ·75	10	23	Tues.	4	14 ·15	.. ...	13	22	Sun.	4	1 ·30	3 ·78	15
25	Thur.	5	13 ·77	18 ·83	11	24	Wed.	5	P ·19	24 ·04	14	23	Mon.	5	2 ·23	4 ·74	16
26	Fri.	6	14 ·85	19 ·93	12	25	Thur.	6	1 ·23	25 ·10	15	24	Tues.	6	3 ·17	5 ·70	17
27	Sat.	7	P ·93	... ...	13	26	Fri.	7	2 ·25	26 ·14	16	25	Wed.	7	4 ·08	6 ·64	18
28	Sun.	8	.. ...	20 ·04	14	27	Sat.	8	3 ·22	27 ·16	17				5 ·98		
29	Mon.	9	1 ·01	21 ·15	15	28	Sun.	9	4 ·20	1 ·16	18	26	Thur.	8	6 ·88	7 ·57	19
30	Tues.	10	2 ·09	22 ·25	16	29	Mon.	10	5 ·15	2 .16	19	27	Fri.	9	7 ·78	8 ·50	20
31	Wed.	11	3 ·15	23 ·34	17	30	Tues.	11	6 09	3 ·12	20	28	Sat.	10	8 ·69	9 ·43	21
—32	Thur.	12	4 ·20	24 ·41	18				7 ·01			29	Sun.	11	9 ·60	10 ·37	22
1	Fri.	13	5 ·23	25 ·48	19	—31	Wed.	12	8 ·93	4 ·07	21	30	Mon.	12	10 ·52	11 ·31	23
2	Sat.	14	6 ·25	26 ·51	20				9 ·83	5 ·02		1	Tues.	13	11 ·45	12 ·27	24
3	Sun.	15	7 ·23	27 ·52	21	1	Thur.	13		6 ·95	22	2	Wed	14	12 ·38	13 ·23	25
4	Mon.	16	8 ·19	1 ·51	22	2	Fri.	14	10 ·74	7 ·89	23	3	Thur.	15	13 ·36	14 ·22	26
5	Tues.	17	9 ·15	2 ·49	23	3	Sat.	15	11 ·63	8 ·82	24	4	Fri.	16	14 ·34	15 ·22	27
6	Wed.	18	10 ·08	3 ·46	24	4	Sun.	16	12 ·53	9 ·75	25	5	Sat. ●	17	—A 35	16 ·25	28
			11 ·99			5	Mon.	17	13 ·44	10 ·69	26	6	Sun.	18	1 ·36	17 ·29	29
7	Thur.	19	12 ·90	4 ·40	25	6	Tues.	18	14 ·35	11 64	27	7	Mon.	19	2 42	18 ·36	—30
8	Fri.	20	13 ·81	5 ·34	26	7	Wed.	19	—A ·28	12 ·60	28	8	Tues.	20	3 ·48	19 ·44	1
9	Sat.	21	14 ·70	6 ·27	27	8	Thur.	20	1 ·22	13 ·58	29	9	Wed.	21	4 ·56	20 ·53	2
10	Sun.	22	—A ·61	7 ·20	28	9	Fri.	21	2 ·18	14 ·57	—30	10	Thur.	22	5 ·65	21 ·64	3
11	Mon.	23	1 ·51	8 ·13	29	10	Sat.	22	3 ·16	15 58	1	11	Fri.	23	6 ·74	22 ·75	4
12	Tues.	24	2 ·41	9 ·08	—30	11	Sun.	23	4 ·15	16 ·61	2	12	Sat.	24	7 ·82	23 ·86	5
13	Wed.	25	3 ·31	10 ·02	1	12	Mon.	24	5 ·18	17 ·68	3	13	Sun.	25	8 ·89	24 ·95	6
				11 ·97		13	Tues.	25	6 22	18 ·75	4	14	Mon.	26	9 ·94	.. ...	7
14	Thur.	26	4 ·24	12 ·94	2	14	Wed.	26	7 ·28	19 ·84	5	15	Tues.	27	10 ·99	25 ·02	8
15	Fri.	27	5 ·19	13 ·92	3	15	Thur.	27	8 ·36	20 ·94	6	16	Wed.	28	... ...	26 ·09	9
16	Sat.	28	6 ·15	14 ·93	4	16	Fri.	28	9 ·45	...	7				11 ·01		
17	Sun.	29	7 ·13	15 ·95	5	17	Sat.	29	10 ·53	21 ·04	8	17	Thur.	29	12 ·99	27 ·13	10
18	Mon.	30	8 ·13	16 ·99	6	18	Sun.	30	11 ·61	22 ·15	9	18	Fri.	30	13 ·96	1 ·14	11
19	Tues.	31	9 ·15	... ...	7												
		Aug.						**Oct.**						**Dec.**			
20	Wed.	1	10 ·18	17 ·05	8	19	Mon.	1	12 ·69	23 ·26	10	19	Sat.	1	14 ·92	2 ·14	12
21	Thur.	2	11 ·24	18 ·13	9	20	Tues.	2	13 ·73	24 ·34	11	20	Sun.	2	P 86	3 ·11	13
22	Fri.	3	12 ·32	19 ·23	10	21	Wed.	3	14 ·77	25 ·41	12	21	Mon.	3	1 ·79	4 ·07	14
23	Sat.	4	13 ·40	20 ·34	11	22	Thur.	4	P ·79	26 ·45	13	22	Tues.	4	2 ·70	5 ·03	15
24	Sun.	5	14 ·49	21 ·45	12	23	Fri.	5	1 ·78	27 ·48	14					6 ·97	
25	Mon.	6	P ·56	22 ·55	13	24	Sat.	6	2 ·75	1 ·50	15	23	Wed.	5	3 ·61	7 ·91	16
26	Tues.	7	1 ·62	23 ·64	14	25	Sun.	7	3 ·70	2 ·48	16	24	Thur.	6	4 ·51	8 ·84	17
27	Wed.	8	2 ·68	24 ·73	15	26	Mon.	8	4 ·64	3 ·45	17	25	Fri.	7	5 ·41	9 ·77	18
28	Thur.	9	3 ·71	25 ·79	16	27	Tues.	9	5 ·56	4 ·41	18	26	Sat.	8	6 ·31	10 ·71	19
29	Fri.	10	4 ·73	26 ·83	17	28	Wed.	10	6 ·49	5 ·35	19	27	Sun.	9	7 ·22	11 ·65	20
30	Sat.	11	5 ·71	27 ·84	18	29	Thur.	11	7 ·39	6 ·30	20	28	Mon.	10	8 ·14	12 ·60	21
—31	Sun.	12	6 ·69	1 ·84	19	30	Fri.	12	8 ·29	7 ·23	21	—29	Tues.	11	9 ·07	13 ·56	22
1	Mon.	13	7 ·64	2 ·82	20	—31	Sat.	13	9 ·19	8 ·16	22				10 ·03		
2	Tues.	14	8 ·58	3 ·79	21	1	Sun.	14	10 ·09	9 ·09	23	1	Wed.	12	11 ·99	14 ·54	23
3	Wed.	15	9 ·49	4 ·74	22				11 ·00	10 ·02		2	Thur.	13	12 ·98	15 ·55	24
4	Thur.	16	10 ·40	5 ·68	23	2	Mon.	15	12 ·91	11 ·98	24	3	Fri.	14	13 ·99	16 ·57	25
5	Fri.	17	11 ·31	6 ·61	24	3	Tues.	16	13 ·85	12 ·93	25	4	Sat.	15	... ..	17 ·60	26
6	Sat.	18	12 ·20	7 ·54	25	4	Wed.	17	14 ·79	13 ·90	26	5	Sun.	16	14 ·01	18 ·66	27
7	Sun.	19	13 ·10	8 ·48	26	5	Thur.	18	—A ·75	14 ·89	27	6	Mon.	17	—A ·06	19 ·74	28
8	Mon.	20	14 ·00	9 ·41	27	6	Fri.	19	1 ·73	15 ·90	28	7	Tues.	18	1 ·13	20 ·84	—29
			A ·91			7	Sat.	20	2 ·74	16 ·94	—29	8	Wed.	19	2 ·22	21 ·95	1
9	Tues.	21	1 ·82	10 ·35	28	8	Sun.	21	3 ·76	17 ·98	1	9	Thur.	20	3 ·30	... ...	2
10	Wed.	22	2 ·75	11 ·30	—29	9	Mon.	22	4 ·80	... ...	2	10	Fri.	21	4 ·39	22 ·05	3
11	Thur.	23	3 ·68	12 ·26	1	10	Tues.	23	5 ·87	18 ·05	3	11	Sat.	22	5 ·47	23 ·16	4
12	Fri.	24	4 ·64	13 ·25	2	11	Wed.	24	6 ·94	19 ·14	4	12	Sun.	23	6 ·54	24 ·25	5
13	Sat.	25	5 ·63	14 ·25	3	12	Thur.	25	.. ...	20 ·24	5	13	Mon.	24	7 ·59	25 ·34	6
14	Sun.	26	6 ·63	15 ·26	4	13	Fri.	26	7 ·03	21 ·34	6	14	Tues.	25	8 ·63	26 40	7
15	Mon.	27	7 ·65	16 ·30	5	14	Sat.	27	8 ·11	22 ·46	7	15	Wed.	26	9 ·65	27 ·44	8
16	Tues.	28	8 ·69	17 ·36	6	15	Sun.	28	9 ·20	23 ·56	8	16	Thur.	27	10 ·63	1 ·46	9
17	Wed.	29	9 ·75	18 ·45	7	16	Mon.	29	10 ·27	24 ·54	9	17	Fri.	28	11 ·62	2 ·46	10
18	Thur.	30	10 ·81	19 ·54	8	17	Tues.	30	11 ·32	25 72	10	18	Sat.	29	12 ·56	3 ·45	11
19	Fri.	31	11 ·89	20 ·64	9	18	Wed.	31	12 ·36	26 ·77	11	19	Sun.	30	13 ·50	4 ·42	12
												20	Mon.	31	14 ·43	5 ·37	13

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1771. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·24.** **Saka 1693.** **Kaliyuga 4872.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·14.** **(S. Cycle) Khara.**

SOLAR reckoning. Cycle sidereal year, month and day.	Week day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
21	Tues. 1	P ·32	6 31	14
22	Wed. 2	1 24	7 24	15
23	Thur. 3	2 14	8 17	16
24	Fri. 4	3 05	9 11	17
		Pausha.		
25	Sat. 5	4 [illegible]	10 04	18
		Sukla.		*H.* 1184 *Ramadân.*
26	Sun. 6	5 78	11 58	19
27	Mon. 7	6 72	13 52	20
28	Tues. 8	7 67	14 45	21
29	Wed. 9	8 64	15 37	22
30	Thur. 10	9 63	16 28	23
31	Fri. 11	10 63	17 22	24
1	Sat. 12	11 66	18 17	25
2	Sun. 13	12 71	... ...	26
3	Mon. 14	13 77	19 05	27
4	Tues. 15	A ·86	20 14	28
5	Wed. 16	1 95	21 24	29
6	Thur. 17	... ...	22 35	30
7	Fri. 18	2 05	23 46	1
8	Sat. 19	3 13	24 56	2
9	Sun. 20	4 19	25 65	3
10	Mon. 21	5 24	26 71	4
11	Tues. 22	6 27	27 76	5
12	Wed. 23	7 28	28 78	6
13	Thur. 24	8 28	29 78	7
14	Fri. 25	9 26	30 78	8
15	Sat. 26	10 20	31 75	9
16	Sun. 27	11 14	32 70	10
17	Mon. 28	12 06	33 65	11
		13 97		
18	Tues. 29	14 87	34 58	12
		Sukla.		
19	Wed. 30	P 77	35 52	13
20	Thur. 31	1 68	36 45	14
	Feb.			
21	Fri. 1	2 58	37 38	15
22	Sat. 2	3 50	38 32	16
23	Sun. 3	4 42	39 26	17
24	Mon. 4	5 36	40 28	18
25	Tues. 5	6 31	41 20	19
26	Wed. 6	7 27	42 19	20
27	Thur. 7	8 26	43 20	21
28	Fri. 8	9 27	44 23	22
29	Sat. 9	10 31	45 29	23
1	Sun. 10	11 36	46 36	24
2	Mon. 11	12 43	47 45	25
3	Tues. 12	13 50	48 54	26
4	Wed. 13	14 60	50 65	27
5	Thur. 14	A ·68	51 76	28
6	Fri. 15	1 76	52 86	29
7	Sat. 16	2 83	53 95	1
8	Sun. 17	3 89	... ...	2
9	Mon. 18	4 91	55 02	3
10	Tues. 19	5 92	56 07	4
11	Wed. 20	6 91	57 10	5
12	Thur. 21	7 88	58 12	6
13	Fri. 22	8 82	59 11	7
14	Sat. 23	9 76	60 08	8
15	Sun. 24	10 68	61 04	9
16	Mon. 25	11 59	61 98	10
17	Tues. 26	12 49	62 93	11
18	Wed. 27	13 40	63 86	12
19	Thur. 28	14 29	64 79	13

SOLAR reckoning. Cycle sidereal year, month and day.	Week day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
21	Fri. 1	P ·26	11 ·66	14
22	Sat. 2	1 11	12 ·61	15
23	Sun. 3	1 [illegible]	13 ·56	16
24	Mon. 4	2 22	14 ·58	17
25	Tues. 5	3 32	15 ·51	18
26	Wed. 6	4 37	16 ·52	19
27	Thur. 7	5 39	17 ·55	20
28	Fri. 8	6 39	18 ·60	21
29	Sat. 9	7 37	19 ·66	22
30	Sun. 10	8 [illegible]	20 ·75	23
1	Mon. 11	9 [illegible]	21 ·84	24
2	Tues. 12	10 04	22 ·95	25
3	Wed. 13	11 12	... ...	26
4	Thur. 14	12 21	23 ·06	27
5	Fri. 15	13 29	24 ·16	28
6	Sat. 16	14 37	25 ·25	29
7	Sun. 17	A ·43	26 ·33	30
8	Mon. 18	1 48	27 ·32	1
9	Tues. 19	2 51	1 ·43	2
10	Wed. 20	3 51	2 ·44	3
11	Thur. 21	4 50	3 ·43	4
12	Fri. 22	5 47	4 ·41	5
13	Sat. 23	6 42	5 ·37	6
14	Sun. 24	7 35	6 ·33	7
15	Mon. 25	8 27	7 ·26	8
16	Tues. 26	9 18	8 ·20	9
17	Wed. 27	10 07	9 ·13	10
18	Thur. 28	10 [illegible]	10 ·06	11
19	Fri. 29	11 98	11 ·00	12
20	Sat. 30	12 86	12 ·54	13
21	Sun. 31	P ·62	13 ·89	14
	April.			
22	Mon. 1	1 55	14 ·86	15
23	Tues. 2	2 50	15 ·84	16
24	Wed. 3	3 47	16 ·85	17
25	Thur. 4	4 45	17 ·87	18
26	Fri. 5	5 46	18 ·91	19
27	Sat. 6	6 49	19 ·97	20
28	Sun. 7	7 55	... ...	21
29	Mon. 8	8 62	20 ·05	22
30	Tues. 9	9 69	21 ·15	23
1	Wed. 10	10 78	22 ·25	24
2	Thur. 11	11 85	23 ·36	25
3	Fri. 12	12 93	24 ·46	26
4	Sat. 13	13 99	25 ·56	27
5	Sun. 14	[illegible]	26 ·65	28
6	Mon. 15	14 05	27 ·70	29
7	Tues. 16	A ·07	1 ·74	1
8	Wed. 17	1 07	2 ·76	2
9	Thur. 18	2 06	3 ·76	3
10	Fri. 19	3 02	4 ·74	4
11	Sat. 20	4 [illegible]	5 ·71	5
12	Sun. 21	5 91	6 ·66	6
13	Mon. 22	6 83	7 ·60	7
14	Tues. 23	7 73	8 ·54	8
15	Wed. 24	8 63	9 ·47	9
16	Thur. 25	9 53	10 ·41	10
17	Fri. 26	10 48	11 ·34	11
18	Sat. 27	11 38	12 ·28	12
19	Sun. 28	12 24	13 ·23	13
20	Mon. ○ 29	13 16	14 ·19	14
21	Tues. 30	P ·04	15 ·17	15
		1 [illegible]	16 17	
		2 38		

SOLAR reckoning. Cycle sidereal year, month and day.	Week day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
22	Wed. 1	3 29	17 ·18	16
23	Thur. 2	... ...	18 ·22	17
24	Fri. 3	4 32	19 ·27	18
25	Sat. 4	5 [illegible]	20 ·36	19
26	Sun. 5	6 14	21 ·45	20
27	Mon. 6	7 21	22 ·55	21
28	Tues. 7	8 29	23 ·66	22
29	Wed. 8	9 37	24 ·76	23
30	Thur. 9	10 46	25 ·86	24
31	Fri. 10	11 52	26 ·95	25
1	Sat. 11	12 57	... ...	26
2	Sun. 12	13 59	27 ·01	27
3	Mon. 13	14 [illegible]	1 ·06	28
4	Tues. 14	A 58	2 ·08	29
5	Wed. 15	1 55	3 ·08	30
6	Thur. 16	2 49	4 ·07	1
7	Fri. 17	3 42	5 ·05	2
8	Sat. 18	4 34	6 ·00	3
		Sukla.	7 [illegible]	
9	Sun. 19	5 24	8 88	4
10	Mon. 20	6 15	9 82	5
11	Tues. 21	7 05	10 ·74	6
		8 [illegible]		
12	Wed. 22	9 84	11 ·68	7
13	Thur. 23	10 74	12 ·61	8
14	Fri. 24	11 67	13 ·56	9
15	Sat. 25	12 60	14 ·53	10
16	Sun. 26	13 55	15 ·50	11
17	Mon. 27	14 51	16 ·49	12
18	Tues. 28	P 50	17 ·50	13
19	Wed. 29	1 49	18 ·53	14
20	Thur. 30	2 52	19 ·58	15
21	Fri. 31	3 58	20 ·66	16
	June.			
22	Sat. 1	4 63	21 ·75	17
23	Sun. 2	5 71	22 ·85	18
24	Mon. 3	6 79	23 ·96	19
25	Tues. 4	7 88	... ...	20
26	Wed. 5	8 95	24 ·06	21
27	Thur. 6	... ...	25 ·17	22
28	Fri. 7	9 01	26 ·26	23
29	Sat. 8	10 06	27 ·32	24
30	Sun. 9	11 08	1 37	25
31	Mon. 10	12 10	2 40	26
1	Tues. 11	13 08	3 42	27
2	Wed. 12	14 05	4 41	28
		A 99		
3	Thur. 13	1 92	5 38	29
4	Fri. 14	2 84	6 33	1
5	Sat. 15	3 74	7 28	2
6	Sun. 16	4 64	8 22	3
7	Mon. 17	5 54	9 15	4
8	Tues. 18	6 44	10 08	5
		Sukla.	11 01	
9	Wed. 19	7 33	12 95	6
10	Thur. 20	8 24	13 90	7
11	Fri. 21	9 16	14 86	8
12	Sat. 22	10 [illegible]	15 83	9
		11 08		
13	Sun. 23	12 99	16 81	10
14	Mon. 24	13 97	17 82	11
15	Tues. 25	14 97	18 84	12
16	Wed. 26	[illegible]	19 90	13
17	Thur. 27	P ·00	20 97	14
18	Fri. 28	1 04	... ...	15
19	Sat. 29	2 11	21 ·05	16
20	Sun. 30	3 18	22 ·15	17

Vikrita. **Makara—Tai.** | *Vikrita.* **Kumbha—Mâsi.** | *Khara.* **Mêsha—Chittirai.** | *Vikrita.* **Kumbha—Panguni.** | *Vikrita.* **Mina—Panguni.** | *Khara.* **Chaitra.** | *Khara.* **Vaisâkha.** | *Khara.* **Vrishabha—Vaigâsi.** | *Khara.* **Mithuna—Âni.** | *Khara.* **Adhika—Âshâdha.** | *Khara.* **Jyeshtha.**

H. 1184 *Bhavanat.* | *H.* 1184 *Ramadân.* | *H.* 1184 *Zi-l-ka'da.* | *H.* 1184 *Zi-l-hijja.* | *H.* 1185 *Muharram.* | *H.* 1185 *Safar.* | *H.* 1185 *Rabi-ul awwal.* | *H.* 1186 *Rabi-ul awwal.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1771. **Kollam 947,** { **N. Malabar—Sep.** **Hijra 1185.** **Vikrama 1828.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **April 16.** **Bengal San. 1177.**
P—Paurnimā. **(N. Cycle) Plava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Mon.	1	4 ·26	23 ·25	18	19	Sun.	1	7 ·54	3 38	21	19	Fri.	1	9 ·27	10 ·79	23
22	Tues.	2	5 ·34	24 ·35	19	20	Mon.	2	8 ·51	4 38	22	20	Sat.	2	10 ·16	11 ·72	24
23	Wed.	3	6 ·42	25 ·45	20	21	Tues.	3	9 ·47	5 37	23	21	Sun.	3	11 ·07 / 12 ·97	12 ·65	25
24	Thur.	4	7 ·49	26 ·56	21	22	Wed.	4	10 ·40	6 34	24	22	Mon.	4	12 ·89	13 ·58	26
25	Fri.	5	8 ·53	27 ·63	22	23	Thur.	5	11 ·32	7 29	25	23	Tues.	5	14 ·81	14 ·53	27
26	Sat.	6	9 ·56	1 ·69	23	24	Fri.	6	12 ·23	8 24	26	24	Wed.	6	—▲ ·73	15 ·49	28
27	Sun.	7	10 ·57	2 ·73	24	25	Sat.	7	13 ·12	9 ·17	27	25	Thur.	7	1 ·68	16 ·45	29
28	Mon.	8	11 ·54	3 74	25	26	Sun.	8	14 ·02 / ▲ ·92	10 ·10	28	26	Fri.	8	2 ·64	17 ·44	—30
29	Tues.	9	12 ·52	4 ·73	26					11 ·04		27	Sat.	9	3 ·64	18 ·44	1
30	Wed.	10	13 ·46	5 ·71	27	27	Mon.	9	1 ·83	12 ·97	29	28	Sun.	10	4 ·64	19 47	2
31	Thur.	11	14 ·39	6 ·67	28							29	Mon.	11	5 ·67	20 ·51	3
—32	Fri.	12	—▲ 31	7 ·62	29	28	Tues.	10	2 ·73	13 ·91	—30	—30	Tues.	12	6 ·71	21 ·58	4
1	Sat.	13	1 22	8 ·56	—30	29	Wed.	11	3 ·65	14 ·85	1	1	Wed.	13	7 ·78	22 ·66	5
2	Sun.	14	2 ·12	9 ·49	1	30	Thur.	12	4 ·58	15 ·81	2	2	Thur.	14	8 ·87	23 ·76	6
3	Mon.	15	3 ·02 / 4 ·91	10 ·42	2	—31	Fri.	13	5 ·53	16 ·80	3	3	Fri.	15	9 ·95	24 ·86	7
4	Tues.	16	5 81	11 ·35	3	1	Sat.	14	6 ·49	17 ·79	4	4	Sat.	16	... ...	25 ·98	8
5	Wed.	17	6 ·72	12 ·29	4	2	Sun.	15	7 ·47	18 ·80	5	5	Sun.	17	10 ·04	... ...	9
6	Thur.	18	7 ·63	13 ·24	5	3	Mon.	16	8 ·48	19 ·83	6	6	Mon.	18	11 ·11	26 ·08	10
7	Fri.	19	8 ·56	14 ·19	6	4	Tues.	17	9 ·50	20 ·89	7	7	Tues.	19	12 ·18	27 ·16	11
8	Sat.	20	9 ·51	15 ·15	7	5	Wed.	18	10 ·54	21 ·97	8	8	Wed.	20	13 ·24	1 ·24	12
9	Sun.	21	10 ·48	16 ·14	8	6	Thur.	19	11 ·59	... ...	9	9	Thur.	21	14 ·28	2 ·30	13
10	Mon.	22	11 45	17 ·14	9	7	Fri.	20	12 ·67	22 ·06	10	10	Fri.	22	P ·29	3 ·35	14
11	Tues.	23	12 ·45	18 ·17	10	8	Sat.	21	13 ·76	23 ·16	11	11	Sat.	23	1 ·27	4 ·36	15
12	Wed.	24	13 ·49	19 ·21	11	9	Sun.	22	14 ·84	24 ·26	12	12	Sun.	24	2 ·25	5 ·36	16
13	Thur.	25	14 ·52	20 ·27	12	10	Mon.	23	P ·92	25 ·37	13	13	Mon.	25	3 ·20	6 ·33	17
14	Fri.	26	P ·58	21 ·35	13	11	Tues.	24	1 ·99	26 ·48	14	14	Tues.	26	4 ·15	7 ·29	18
15	Sat.	27	1 ·65	22 ·45	14	12	Wed.	25	... ...	27 ·56	15	15	Wed.	27	5 ·07 / 6 ·99	8 ·25	19
16	Sun.	28	2 ·74	23 ·56	15	13	Thur.	26	2 ·05	1 ·62	16						
17	Mon.	29	3 ·81	24 ·67	16	14	Fri.	27	3 ·07	2 ·67	17	16	Thur.	28	7 ·89	9 ·19	20
18	Tues.	30	4 ·89	25 ·77	17	15	Sat.	28	4 ·10	3 ·70	18	17	Fri.	29	8 ·78	10 ·13	21
19	Wed.	21	5 ·96	26 ·86	18	16	Sun.	29	5 ·08	4 ·71	19	18	Sat.	20	9 ·69	11 ·06 / 12 ·98	22
	Aug.					17	Mon.	30	6 ·06	5 ·70	20		**Dec.**				
20	Thur.	1	... ...	27 ·94	19		**Oct.**					19	Sun.	1	10 ·60	13 ·93	23
21	Fri.	2	6 ·00	... ..	20	18	Tues.	1	7 ·01 / 8 ·94	6 ·67	21	20	Mon.	2	11 ·51	14 ·87	24
22	Sat.	3	7 ·04	1 ·01	21	19	Wed.	2	9 ·86	7 ·63	22	21	Tues.	3	12 ·42	15 ·82	25
23	Sun.	4	8 ·05	2 ·05	22	20	Thur.	3	10 ·77	8 ·57	23	22	Wed.	4	13 ·35	16 ·78	26
24	Mon.	5	9 ·04	3 ·08	23	21	Fri.	4	11 ·68	9 ·51	24	23	Thur.	5	14 ·31	17 ·76	27
25	Tues.	6	10 ·00 / 11 ·95	4 ·06	24	22	Sat.	5	12 ·58	10 ·45	25	24	Fri.	6	—▲ ·28	18 ·76	28
26	Wed.	7	12 ·89	5 ·04	25	23	Sun.	6	13 ·49	11 ·38	26	25	Sat.	7	1 ·26	19 ·79	—29
27	Thur.	8	13 ·81	6 ·01 / 7 ·96	26	24	Mon.	7	14 ·38	12 ·31	27	26	Sun.	8	2 ·27	20 ·82	1
28	Fri.	9	14 ·71	8 ·90	27	25	Tues.	8	—▲ ·29	13 ·24	28	27	Mon.	9	3 ·31	21 ·88	2
29	Sat.	10	—▲ ·61	9 ·83	28	26	Wed.	9	1 ·21	14 ·19	—29	28	Tues.	10	4 ·35	22 ·96	3
30	Sun.	11	1 ·51	10 ·76	—29	27	Thur.	10	2 ·14	15 ·15	1	—29	Wed.	11	5 ·41	.. ..	4
31	Mon.	12	2 ·41	11 ·70	1	28	Fri.	11	3 ·09	16 ·12	2	1	Thur.	12	6 ·50	23 ·05	5
—32	Tues.	13	3 ·32	12 ·63	2	29	Sat.	12	4 ·05	17 ·11	3	2	Fri.	13	7 ·60	24 ·17	6
1	Wed.	14	4 ·21	13 ·57	3	—30	Sun.	13	5 ·04	18 ·12	4	3	Sat.	14	8 ·68	25 ·27	7
2	Thur.	15	5 ·13	14 ·52	4	1	Mon.	14	6 ·04	19 ·15	5	4	Sun.	15	9 ·76	26 ·38	8
3	Fri.	16	6 ·06	15 ·48	5	2	Tues.	15	7 ·06	20 ·20	6	5	Mon.	16	10 ·83	27 ·47	9
4	Sat.	17	7 ·00 / 8 ·97	16 ·46	6	3	Wed.	16	8 ·11	21 ·27	7	6	Tues.	17	11 ·88	1 ·55	10
						4	Thur.	17	9 ·16	22 ·36	8	7	Wed.	18	12 ·92	2 ·62	11
5	Sun.	18	9 ·94	17 ·47	7	5	Fri.	18	10 ·24	23 ·46	9	8	Thur.	19	13 ·88	3 ·66	12
6	Mon.	19	10 ·95	18 ·48	8	6	Sat.	19	11 ·33	24 ·56	10	9	Fri.	20	14 ·92	4 ·68	13
7	Tues.	20	11 ·97	19 ·52	9	7	Sun.	20	12 ·42	25 ·67	11	10	Sat.	21	P ·88	5 ·68	14
8	Wed.	21	.. ...	20 ·58	10	8	Mon.	21	13 ·49	26 ·78	12	11	Sun.	22	1 ·84	6 ·66	15
9	Thur.	22	12 ·02	21 ·66	11	9	Tues.	22	14 ·57	27 ·87	13	12	Mon.	23	2 ·78	7 ·64	16
10	Fri.	23	13 ·08	22 ·76	12	10	Wed.	23	P ·63	1 ·94	14	13	Tues.	24	3 ·70	8 ·59	17
11	Sat.	24	14 ·14	23 ·86	13	11	Thur.	24	1 ·66	2 ·99	15	14	Wed.	25	4 ·62	9 ·58	18
12	Sun.	25	P ·22	24 ·97	14	12	Fri.	25	2 ·68	.. ..	16	15	Thur.	26	5 ·52	10 ·46	19
13	Mon.	26	1 ·32	... ...	15	13	Sat.	26	3 ·66	3 ·02	17	16	Fri.	27	6 ·42	11 ·39	20
14	Tues.	27	2 ·40	25 ·07	16	14	Sun.	27	4 ·63	4 ·04	18	17	Sat.	28	7 ·33	12 ·32	21
15	Wed.	28	3 ·46	26 ·17	17	15	Mon.	28	5 ·59	5 ·03	19	18	Sun.	29	8 ·24	13 ·26	22
16	Thur.	29	4 ·52	27 ·26	18					6 ·00 / 7 ·96		19	Mon.	30	9 ·14	14 ·20	23
17	Fri.	30	5 ·53	1 ·32	19	16	Tues.	29	6 ·53		20	20	Tues.	31	10 ·07	15 ·15	24
18	Sat.	31	6 ·55	2 ·36	20	17	Wed.	30	7 ·45	8 ·91	21						
						18	Thur.	31	8 ·36	9 ·86	22						

13. Hasta. 14. Chit. 15. Svāti. 16. Visāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1772. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·50.** **Śaka 1694.** **Kaliyuga 4873.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·40.** **(S. Cycle) Nandana.**

Cyclic sidereal year month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
21	Wed. 1	11 ·00 / 12 ·95	16 ·11	25
22	Thur. 2	13 ·91	17 ·09	26
23	Fri. 3	14 ·91	18 ·09	27
24	Sat. 4	—**A** ·92	19 ·10	28
25	Sun. 5	1 ·95	20 ·14	29
26	Mon. 6	... ...	21 ·19	—30
27	Tues. 7	2 ·00	22 ·26	1
28	Wed. 8	3 ·07	23 ·36	2
29	Thur. 9	4 ·15	24 ·47	3
—30	Fri. 10	5 ·25	25 ·57	4
1	Sat. 11	6 ·33	26 ·68	5
2	Sun. 12	7 ·41	27 ·77	6
3	Mon. 13	8 ·49	1 ·87	7
4	Tues. 14	9 ·53	2 ·93	8
5	Wed. 15	10 ·57	3 ·98	9
6	Thur. 16	11 ·57	... ...	10
7	Fri. 17	12 ·57	4 ·00	11
8	Sat. 18	13 ·53	5 ·01	12
9	Sun. 19	14 ·49	6 ·00 / 7 ·97	13
10	Mon. 20	ℙ ·42	8 ·92	14
11	Tues. 21	1 ·35	9 ·87	15
12	Wed. 22	2 ·25	10 ·80	16
13	Thur. 23	3 ·15	11 ·73	17
14	Fri. 24	4 ·05 / 5 ·96	12 ·65	18
15	Sat. 25	6 ·86	13 ·60	19
16	Sun. 26	7 ·78	14 ·54	20
17	Mon. 27	8 ·71	15 ·48	21
18	Tues. 28	9 ·64	16 ·44	22
19	Wed. 29	10 ·59	17 ·42	23
20	Thur. 30	11 ·56	18 ·41	24
21	Fri. 31	12 ·55	19 ·42	25
	Feb.			
22	Sat. 1	13 ·56	20 ·46	26
23	Sun. 2	14 ·60	21 ·50	27
24	Mon. 3	—**A** ·65	22 ·58	28
25	Tues. 4	1 ·72	23 ·66	—29
26	Wed. 5	2 ·81	24 ·76	1
27	Thur. 6	3 ·89	25 ·87	2
28	Fri. 7	4 ·97	26 ·97	3
—29	Sat. 8	... ...	... ...	4
1	Sun. 9	5 ·06	27 ·08	5
2	Mon. 10	6 ·13	1 ·17	6
3	Tues. 11	7 ·18	2 ·24	7
4	Wed. 12	8 ·20	3 ·29	8
5	Thur. 13	9 ·21	4 ·32	9
6	Fri. 14	10 ·20	5 ·33	10
7	Sat. 15	11 ·16	6 ·33	11
8	Sun. 16	12 ·11	7 ·30	12
9	Mon. 17	13 ·04 / 14 ·97	8 ·26	13
10	Tues. 18	ℙ ·88	9 ·20	14
11	Wed. 19	1 ·79	10 ·14	15
12	Thur. 20	2 ·68	11 ·08	16
13	Fri. 21	3 ·58	12 ·01 / 13 ·94	17
14	Sat. 22	4 ·48	14 ·87	18
15	Sun. 23	5 ·40	15 ·82	19
16	Mon. 24	6 ·32	16 ·78	20
17	Tues. 25	7 ·25	17 ·75	21
18	Wed. 26	8 ·22	18 ·73	22
19	Thur. 27	9 ·18	19 ·74	23
20	Fri. 28	10 ·17	20 ·76	24
21	Sat. 29	11 ·18	21 ·82	25

Khara. **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.* **Kumbha—Māgi.** *Sukla.* **Māgha.** *Bahula.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
22	Sun. 1	12 ·22	22 ·88	26
23	Mon. 2	13 ·27	23 ·97	27
24	Tues. 3	14 ·33	... ...	28
25	Wed. 4	—**A** ·42	24 ·06	29
26	Thur. 5	1 ·51	25 ·17	—30
27	Fri. 6	2 ·60	26 ·28	1
28	Sat. 7	3 ·68	27 ·38	2
29	Sun. 8	4 ·74	1 ·48	3
—30	Mon. 9	5 ·79	2 ·55	4
1	Tues. 10	6 ·81	3 ·60	5
2	Wed. 11	7 ·82	4 ·64	6
3	Thur. 12	8 ·80	5 ·66	7
4	Fri. 13	9 ·77	6 ·65	8
5	Sat. 14	10 ·71	7 ·63	9
6	Sun. 15	11 ·64	8 ·59	10
7	Mon. 16	12 ·56	9 ·54	11
8	Tues. 17	13 ·47	10 ·49	12
9	Wed. 18	14 ·38	11 ·42	13
10	Thur. 19	ℙ ·27	12 ·35	14
11	Fri. 20	1 ·18	13 ·28	15
12	Sat. 21	2 ·08	14 ·21	16
13	Sun. 22	3 ·00 / 4 ·91	15 ·16	17
14	Mon. 23	5 ·84	16 ·11	18
15	Tues. 24	6 ·80	17 ·08	19
16	Wed. 25	7 ·77	18 ·06	20
17	Thur. 26	8 ·76	19 ·06	21
18	Fri. 27	9 ·76	20 ·09	22
19	Sat. 28	10 ·80	21 ·13	23
20	Sun. 29	11 ·85	22 ·19	24
21	Mon. 30	12 ·93	23 ·27	25
22	Tues. 31	... ...	24 ·36	26
	April.			
23	Wed. 1	13 ·01	25 ·47	27
24	Thur. 2	14 ·09	26 ·58	28
25	Fri. 3	—**A** ·18	27 ·68	—29
26	Sat. 4	1 ·26	1 ·78	1
27	Sun. 5	2 ·32	2 ·86	2
28	Mon. 6	3 ·36	3 ·91	3
29	Tues. 7	4 ·39	4 ·96	4
—30	Wed. 8	5 ·39	5 ·98	5
1	Thur. 9	6 ·37	6 ·98	6
2	Fri. 10	7 ·33	7 ·96	7
3	Sat. 11	8 ·27	8 ·92	8
4	Sun. 12	9 ·21	9 ·88	9
5	Mon. 13	10 ·12	10 ·82	10
6	Tues. 14	11 ·04 / 12 ·93	11 ·76	11
7	Wed. 15	13 ·83	12 ·69	12
8	Thur. 16	14 ·73	13 ·62	13
9	Fri. ○ 17	ℙ ·63	14 ·55	14
10	Sat. 18	1 ·54	15 ·50	15
11	Sun. 19	2 ·46	16 ·45	16
12	Mon. 20	3 ·40	17 ·41	17
13	Tues. 21	4 ·35	18 ·38	18
14	Wed. 22	5 ·31	19 ·39	19
15	Thur. 23	6 ·30	20 ·40	20
16	Fri. 24	7 ·30	21 ·44	21
17	Sat. 25	8 ·35	22 ·49	22
18	Sun. 26	9 ·39	23 ·57	23
19	Mon. 27	10 ·47	24 ·66	24
20	Tues. 28	11 ·55	25 ·77	25
21	Wed. 29	12 ·63	26 ·88	26
22	Thur. 30	13 ·70	27 ·98	27

Khara. **Mīna—Pan** *Phālguna.* *Bahula.* *Nandana.* **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
23	Fri. 1	14 ·78	... ...	28
24	Sat. 2	—**A** ·85	1 ·08	29
25	Sun. 3	1 ·89	2 ·16	—30
26	Mon. 4	2 ·92	3 ·24	1
27	Tues. 5	3 ·91	4 ·28	2
28	Wed. 6	4 ·90	5 ·30	3
29	Thur. 7	5 ·86	6 ·30	4
30	Fri. 8	6 ·80	7 ·29	5
—31	Sat. 9	7 ·74	8 ·27	6
1	Sun. 10	8 ·65	9 ·22	7
2	Mon. 11	9 ·56	10 ·16	8
3	Tues. 12	10 ·45	11 ·09	9
4	Wed. 13	11 ·36	12 ·02 / 13 ·96	10
5	Thur. 14	12 ·25	14 ·90	11
6	Fri. 15	13 ·14	15 ·83	12
7	Sat. 16	14 ·05 / ℙ ·97	16 ·78	13
8	Sun. 17	1 ·91	17 ·74	14
9	Mon. 18	2 ·87	18 ·71	15
10	Tues. 19	3 ·83	19 ·71	16
11	Wed. 20	4 ·81	20 ·72	17
12	Thur. 21	5 ·82	21 ·75	18
13	Fri. 22	6 ·86	22 ·80	19
14	Sat. 23	7 ·90	23 ·87	20
15	Sun. 24	8 ·97	24 ·97	21
16	Mon. 25	... ...	... ...	22
17	Tues. 26	9 ·04	25 ·07	23
18	Wed. 27	10 ·13	26 ·18	24
19	Thur. 28	11 ·21	27 ·28	25
20	Fri. 29	12 ·29	1 ·38	26
21	Sat. 30	13 ·35	2 ·48	27
22	Sun. 31	14 ·38	3 ·54	28
	June.			
23	Mon. 1	—**A** ·41	4 ·59	—29
24	Tues. 2	1 ·41	5 ·62	1
25	Wed. 3	2 ·40	6 ·63	2
26	Thur. 4	3 ·36	7 ·63	3
27	Fri. 5	4 ·31	8 ·60	4
28	Sat. 6	5 ·23	9 ·55	5
29	Sun. 7	6 ·15	10 ·50	6
30	Mon. 8	7 ·05 / 8 ·94	11 ·43	7
31	Tues. 9	9 ·85	12 ·37	8
—32	Wed. 10	10 ·75	13 ·30	9
1	Thur. 11	11 ·65	14 ·23	10
2	Fri. 12	12 ·56	15 ·17	11
3	Sat. 13	13 ·48	16 ·11	12
4	Sun. 14	14 ·40	17 ·07	13
5	Mon. 15	ℙ ·35	18 ·05	14
6	Tues. 16	1 ·32	19 ·03	15
7	Wed. 17	2 ·30	20 ·04	16
8	Thur. 18	3 ·30	21 ·06	17
9	Fri. 19	4 ·33	22 ·11	18
10	Sat. 20	5 ·38	23 ·19	19
11	Sun. 21	6 ·44	24 ·27	20
12	Mon. 22	7 ·51	25 ·37	21
13	Tues. 23	8 ·60	26 ·48	22
14	Wed. 24	9 ·68	27 ·58	23
15	Thur. 25	10 ·76	1 ·69	24
16	Fri. 26	11 ·82	2 ·78	25
17	Sat. 27	12 ·86	3 ·85	26
18	Sun. 28	13 ·89	4 ·91	27
19	Mon. 29	14 ·89	5 ·94	28
20	Tues. 30	—**A** ·88	6 ·96	29

Nandana. **Vrishabha—Vai** *Sukla.* **Vaiśākha.** *Bahula.* *Nandana.* **Mithuna—Āni.** *Sukla.* **Jyeshtha.** *Bahula.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1772. **Kollam 948,** Commences **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1186.** Commences **April 4.** **Vikrama 1829.** **Bengal San. 1178.** **(N. Cycle) Śobhana.**

A—Amāvāsyā. **P—Paurnimā.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Nandana. **Mithuna—Āni.** 21	Wed. 1	1 ·83	7 ·95	—30
22	Thur. 2	2 ·79	8 ·93	1
23	Fri. 3	3 ·71	9 ·89	2
24	Sat. 4	4 ·63	10 ·83	3
25	Sun. 5	*Śukla.* 5 ·53	11 ·77	4
26	Mon. 6	6 ·44	12 ·71	5
27	Tues. 7	7 ·33	13 ·64	6
28	Wed. 8	8 ·22	14 ·57	7
29	Thur. 9	9 ·13	15 ·51	8
30	Fri. 10	10 ·03 / 11 ·95	16 ·45	9
—31	Sat. 11	12 ·88	17 ·41	10
1	Sun. 12	**Āshāḍha.** 13 ·84	18 ·37	11
2	Mon. 13	14 ·79	19 ·36	12
3	Tues. 14	**P** ·77	20 ·36	13
4	Wed. 15	1 ·79	21 ·38	14
5	Thur. 16	2 ·81	22 ·43	15
6	Fri. 17	3 ·86	23 ·49	16
7	Sat. 18	4 ·92	24 ·57	17
8	Sun. 19	5 ·99	25 ·67	18
9	Mon. 20	*Bahula.* ·· ··	26 ·77	19
10	Tues. 21	6 ·06	27 ·88	20
11	Wed. 22	7 ·15	1 ·98	21
12	Thur. 23	8 ·23	... ...	22
Nandana. **Karkaṭaka—Ādi.** 13	Fri. 24	9 ·28	2 ·08	23
14	Sat. 25	10 ·34	3 ·16	24
15	Sun. 26	11 ·37	4 ·22	25
16	Mon. 27	12 ·38	5 ·26	26
17	Tues. 28	13 ·36	6 ·28	27
18	Wed. 29	14 ·32	7 ·28	28
19	Thur. 30	**—A** ·27	8 ·26	—29
20	Fri. 31	1 ·20	9 ·22	1
	Aug.			
21	Sat. 1	2 ·12	10 ·17	2
22	Sun. 2	3 ·02 / 4 ·93	11 ·14	3
23	Mon. 3	5 ·83	12 ·05 / 13 ·98	4
24	Tues. 4	*Śukla.* 6 ·72	14 ·91	5
25	Wed. 5	7 ·62	15 ·84	6
26	Thur. 6	8 ·53	16 ·79	7
27	Fri. 7	9 ·45	17 ·74	8
28	Sat. 8	10 ·37	18 ·70	9
29	Sun. 9	11 ·32	19 ·68	10
30	Mon. 10	12 ·28	20 ·68	11
31	Tues. 11	**Śrāvaṇa.** 13 ·27	21 ·70	12
—32	Wed. 12	14 ·28	22 ·74	13
1	Thur. 13	**P** ·29	23 ·80	14
2	Fri. 14	1 ·34	24 ·88	15
3	Sat. 15	2 ·41	25 ·97	16
4	Sun. 16	3 ·48	... ...	17
5	Mon. 17	4 ·56	26 ·08	18
6	Tues. 18	5 ·65	27 ·19	19
7	Wed. 19	*Bahula.* 6 ·72	1 ·29	20
8	Thur. 20	7 ·79	2 ·39	21
Nandana. **Siṅha—Āvaṇi.** 9	Fri. 21	8 ·83	3 ·47	22
10	Sat. 22	9 ·87	4 ·53	23
11	Sun. 23	10 ·87	5 ·58	24
12	Mon. 24	11 ·85	6 ·60	25
13	Tues. 25	12 ·82	7 ·60	26
14	Wed. 26	13 ·78	8 ·59	27
15	Thur. 27	14 ·71	9 ·55	28
16	Fri. 28	**—A** ·62	10 ·51	29
17	Sat. 29	1 ·52	11 ·45	—30
18	Sun. 30	2 ·43	12 ·39	1
19	Mon. 31	3 ·33	13 ·32	2

H. 1186 *Rabi-ul ākhir.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
20	Tues. 1	4 ·25	14 ·25	3
21	Wed. 2	5 ·13	15 ·19	4
22	Thur. 3	6 ·05 / 7 ·96	16 ·13	5
23	Fri. 4	*Śukla.* 8 ·89	17 ·07	6
24	Sat. 5	9 ·82	18 ·03	7
25	Sun. 6	10 ·79	19 ·01	8
26	Mon. 7	11 ·78	20 ·01	9
27	Tues. 8	12 ·80	21 ·02	10
28	Wed. 9	13 ·81	22 ·05	11
29	Thur. 10	14 ·86	23 ·11	12
30	Fri. 11	**P** ·92	24 ·18	13
—31	Sat. 12	1 ·99	25 ·27	14
1	Sun. 13	...	26 ·38	15
2	Mon. 14	*Bahula.* 2 ·07	27 ·48	16
3	Tues. 15	3 ·17	1 ·59	17
4	Wed. 16	4 ·24	2 ·69	18
5	Thur. 17	5 ·31	3 ·77	19
6	Fri. 18	6 ·35	4 ·85	20
7	Sat. 19	7 ·39	5 ·90	21
8	Sun. 20	8 ·40	6 ·92	22
9	Mon. 21	9 ·38	7 ·93	23
10	Tues. 22	10 ·36	8 ·91	24
11	Wed. 23	11 ·31	9 ·89	25
12	Thur. 24	12 ·24	10 ·85	26
13	Fri. 25	13 ·16	11 ·79	27
14	Sat. 26	14 ·07 / **A** ·98	12 ·73	28
15	Sun. 27	1 ·89	13 ·66	—29
16	Mon. 28	2 ·78	14 ·60	1
17	Tues. 29	3 ·67	15 ·53	2
18	Wed. 30	4 ·58	16 ·46	3
	Oct.			
19	Thur. 1	5 ·50	17 ·41	4
20	Fri. 2	6 ·43	18 ·36	5
21	Sat. 3	*Śukla.* 7 ·37	19 ·34	6
22	Sun. 4	8 ·35	20 ·33	7
23	Mon. 5	9 ·33	21 ·34	8
24	Tues. 6	10 ·35	22 ·37	9
25	Wed. 7	11 ·36	23 ·42	10
26	Thur. 8	12 ·41	24 ·48	11
27	Fri. 9	**Āśvina.** 13 ·48	25 ·58	12
28	Sat. 10	14 ·55	26 ·68	13
29	Sun. ○ 11	**P** ·65	27 ·78	14
—30	Mon. 12	1 ·73	1 ·89	15
1	Tues. 13	2 ·81	2 ·99	16
2	Wed. 14	3 ·88	... ...	17
3	Thur. 15	*Bahula.* 4 ·92	3 ·09	18
4	Fri. 16	5 ·96	4 ·16	19
5	Sat. 17	6 ·97	5 ·21	20
6	Sun. 18	7 ·96	6 ·24	21
7	Mon. 19	8 ·93	7 ·25	22
8	Tues. 20	9 ·89	8 ·25	23
9	Wed. 21	10 ·82	9 ·22	24
10	Thur. 22	11 ·74	10 ·18	25
11	Fri. 23	12 ·65	11 ·13	26
12	Sat. 24	13 ·55	12 ·06	27
13	Sun. 25	14 ·46	13 ·01 / 14 ·94	28
14	Mon. ● 26	**—A** ·35	15 ·86	29
15	Tues. 27	1 ·26	16 ·80	—30
16	Wed. 28	2 ·16	17 ·74	1
17	Thur. 29	3 ·09	18 ·69	2
18	Fri. 30	4 ·03 / 5 ·97	19 ·67	3
19	Sat. 31	6 ·94	20 ·66	4

H. 1186 *Jamāda'l awwal.*

Nandana. **Kanyā—Purāṭṭāśi.**

H. 1186 *Jamāda'l ākhir.*

Nandana. **Tulā—Aippaśi.**

H. 1186 *Rajab.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
20	Sun. 1	7 ·92	21 ·66	5
21	Mon. 2	*Śukla.* 8 ·93	22 ·68	6
22	Tues. 3	9 ·96	23 ·72	7
23	Wed. 4	·· ...	24 ·80	8
24	Thur. 5	10 ·02	25 ·88	9
25	Fri. 6	11 ·08	26 ·98	10
26	Sat. 7	12 ·16	... ...	11
27	Sun. 8	13 ·25	27 ·08	12
28	Mon. 9	14 ·34	1 ·19	13
29	Tues. 10	**P** ·42	2 ·30	14
—30	Wed. 11	1 ·48	3 ·39	15
1	Thur. 12	**Kārttika.** 2 ·53	4 ·46	16
2	Fri. 13	3 ·57	5 ·52	17
3	Sat. 14	4 ·58	6 ·56	18
4	Sun. 15	5 ·57	7 ·58	19
5	Mon. 16	*Bahula.* 6 ·53	8 ·58	20
6	Tues. 17	7 ·49	9 ·55	21
7	Wed. 18	8 ·43	10 ·51	22
8	Thur. 19	9 ·36	11 ·46	23
9	Fri. 20	10 ·27	12 ·41	24
10	Sat. 21	11 ·16	13 ·34	25
11	Sun. 22	12 ·07 / 13 ·97	14 ·27	26
12	Mon. 23	14 ·88	15 ·20	27
13	Tues. 24	**—A** ·79	16 ·14	28
14	Wed. 25	1 ·72	17 ·08	—29
15	Thur. 26	2 ·65	18 ·04	1
16	Fri. 27	3 ·59	19 ·00 / 20 ·98	2
17	Sat. 28	*Śukla.* 4 ·56	21 ·98	3
18	Sun. 29	5 ·54	... ...	4
19	Mon. 30	6 ·57	22 ·00	5
	Dec.			
20	Tues. 1	7 ·59	23 ·05	6
21	Wed. 2	8 ·64	24 ·10	7
22	Thur. 3	9 ·71	25 ·18	8
23	Fri. 4	10 ·80	26 ·28	9
24	Sat. 5	11 ·88	27 ·38	10
25	Sun. 6	12 ·96	1 ·49	11
26	Mon. 7	·· ...	2 ·60	12
27	Tues. 8	13 ·05	3 ·69	13
28	Wed. 9	14 ·12	4 ·77	14
29	Thur. 10	**P** ·18	5 ·83	15
—30	Fri. 11	1 ·20	6 ·88	16
1	Sat. 12	2 ·22	7 ·90	17
2	Sun. 13	3 ·20	8 ·90	18
3	Mon. 14	4 ·16	9 ·88	19
4	Tues. 15	5 ·12	10 ·85	20
5	Wed. 16	*Bahula.* 6 ·05 / 7 ·98	11 ·80	21
6	Thur. 17	8 ·89	12 ·75	22
7	Fri. 18	9 ·80	13 ·68	23
8	Sat. 19	10 ·69	14 ·61	24
9	Sun. 20	11 ·60	15 ·54	25
10	Mon. 21	12 ·51	16 ·47	26
11	Tues. 22	13 ·41	17 ·42	27
12	Wed. 23	14 ·34	18 ·37	28
13	Thur. 24	**—A** ·28	19 ·33	29
14	Fri. 25	1 ·23	20 ·31	—30
15	Sat. 26	2 ·20	21 ·30	1
16	Sun. 27	3 ·20	22 ·32	2
17	Mon. 28	4 ·21	23 ·36	3
18	Tues. 29	*Śukla.* 5 ·23	24 ·41	4
19	Wed. 30	6 ·29	25 ·49	5
20	Thur. 31	7 ·36	26 ·58	6

H. 1186 *Śha'bān.*

Nandana. **Vṛiśchika—Mārgaḷi.**

H. 1186 *Ramaẓān.*

Nandana. **Dhanus—Mārgaḷi.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1773. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·76.** **Śaka 1695.** **Kaliyuga 4874.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·66.** **(S. Cycle) Vijaya.**

SOLAR reckoning: Cyclic sidereal year, month and day; Week-day, English month and day. LUNAR reckoning: Tithi ending Moment; Nakshatra ending Moment; Muhammadan year, month and day.

Jan. — *Nandana.* **Makara—Tai.** — **Pausha.** *Sukla.* / *Bahula.* / *Sukla.* — *H. 1186 Shawwal.*

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
21	Fri. 1	8 ·45	27 ·69	7
22	Sat. 2	9 ·53	1 ·79	8
23	Sun. 3	10 ·63	2 ·90	9
24	Mon. 4	11 ·70	3 ·99	10
25	Tues. 5	12 ·77	... ...	11
26	Wed. 6	13 ·83	4 ·08	12
27	Thur. 7	14 ·85	5 ·15	13
28	Fri. 8	P ·86	6 ·20	14
—29	Sat. 9	1 ·85	7 ·22	15
1	Sun. 10	2 ·82	8 ·23	16
2	Mon. 11	3 ·76	9 ·21	17
3	Tues. 12	4 ·71	10 ·18	18
4	Wed. 13	5 ·63	11 ·14	19
5	Thur. 14	6 ·53	12 ·09	20
6	Fri. 15	7 ·44	13 ·02 / 14 ·95	21
7	Sat. 16	8 ·34	15 ·88	22
8	Sun. 17	9 ·25	16 ·82	23
9	Mon. 18	10 ·15	17 ·76	24
10	Tues. 19	11 ·07 / 12 ·99	18 ·70	25
11	Wed. 20	13 ·92	19 ·66	26
12	Thur. 21	14 ·87	20 ·63	27
13	Fri. 22	—A ·85	21 ·63	28
14	Sat. 23	1 ·84	22 ·64	—29
15	Sun. 24	2 ·85	23 ·67	1
16	Mon. 25	3 ·89	24 ·72	2
17	Tues. 26	4 ·95	25 ·79	3
18	Wed. 27	... ...	26 ·89	4
19	Thur. 28	5 ·02	27 ·98	5
20	Fri. 29	6 ·10	... ...	6
21	Sat. 30	7 ·18	1 ·09	7
22	Sun. 31	8 ·28	2 ·20	8

Feb. — *Nandana.* **Kumbha—Māsi.** — **Māgha.** *Bahula.* / *Sukla.* — *H. 1186 Zi-l-ka'da.*

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
23	Mon. 1	9 ·35	3 ·30	9
24	Tues. 2	10 ·42	4 ·38	10
25	Wed. 3	11 ·47	5 ·46	11
26	Thur. 4	12 ·50	6 ·51	12
27	Fri. 5	13 ·50	7 ·54	13
28	Sat. 6	14 ·48	8 ·55	14
29	Sun. 7	P ·44	9 ·54	15
—30	Mon. 8	1 ·39	10 ·52	16
1	Tues. 9	2 ·33	11 ·48	17
2	Wed. 10	3 ·25	12 ·42	18
3	Thur. 11	4 ·16	13 ·36	19
4	Fri. 12	5 ·06 / 6 ·96	14 ·29	20
5	Sat. 13	7 ·87	15 ·23	21
6	Sun. 14	8 ·77	16 ·16	22
7	Mon. 15	9 ·68	17 ·09	23
8	Tues. 16	10 ·61	18 ·04 / 19 ·99	24
9	Wed. 17	11 ·55	20 ·97	25
10	Thur. 18	12 ·50	21 ·95	26
11	Fri. 19	13 ·48	22 ·96	27
12	Sat. 20	14 ·46	23 ·98	28
13	Sun. 21	—A ·47	... ...	29
14	Mon. 22	1 ·52	24 ·03	—30
15	Tues. 23	2 ·57	25 ·09	1
16	Wed. 24	3 ·64	26 ·19	2
17	Thur. 25	4 ·72	27 ·28	3
18	Fri. 26	5 ·82	1 ·39	4
19	Sat. 27	6 ·89	2 ·49	5
20	Sun. 28	7 ·97	3 60	6

March. — *Nandana.* **Mīna—Panguni.** — **Phālguna.** *Bahula.* / *Sukla.* — *H. 1186 Zi-l-hijja.*

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
21	Mon. 1	... ...	4 ·70	7
22	Tues. 2	8 ·04	5 ·71	8
23	Wed. 3	9 ·09	6 ·82	9
24	Thur. 4	10 ·11	7 ·86	10
25	Fri. 5	11 ·11	8 ·87	11
26	Sat. 6	12 ·10	9 ·87	12
27	Sun. 7	13 ·06	10 ·85	13
28	Mon. 8	14 ·00 / P ·94	11 ·81	14
—29	Tues. 9	1 ·85	12 ·76	15
1	Wed. 10	2 ·77	13 ·70	16
2	Thur. 11	3 ·67	14 ·64	17
3	Fri. 12	4 ·57	15 ·57	18
4	Sat. 13	5 ·47	16 ·50	19
5	Sun. 14	6 ·38	17 ·43	20
6	Mon. 15	7 ·28	18 ·37	21
7	Tues. 16	8 ·20	19 ·33	22
8	Wed. 17	9 ·14	20 ·30	23
9	Thur. 18	10 ·09	21 ·28	24
10	Fri. 19	11 ·08	22 ·28	25
11	Sat. 20	12 ·06	23 ·30	26
12	Sun. 21	13 ·09	24 ·34	27
13	Mon. 22	14 ·11	25 ·40	28
14	Tues. ● 23	—A ·16	26 ·49	29
15	Wed. 24	1 ·24	27 58	—30
16	Thur. 25	2 ·32	1 ·69	1
17	Fri. 26	3 ·41	2 ·79	2
18	Sat. 27	4 ·49	3 ·91	3
19	Sun. 28	5 ·57	... ...	4
20	Mon. 29	6 ·62	4 ·00	5
21	Tues. 30	7 ·67	5 ·08	6
22	Wed. 31	8 ·70	6 ·14	7

April. — *Vijaya.* **Mēsha—Chittirai.** — **Chaitra.** *Bahula.* / *Sukla.* — *H. 1187 Muharram.*

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
23	Thur. 1	9 ·69	7 ·17	8
24	Fri. 2	10 ·68	8 ·20	9
25	Sat. 3	11 63	9 ·20	10
26	Sun. 4	12 ·58	10 ·18	11
27	Mon. 5	13 ·51	11 ·14	12
28	Tues. 6	14 ·43	12 ·09	13
29	Wed. ○ 7	P ·34	13 ·04 / 14 ·98	14
30	Thur. 8	1 ·23	15 ·90	15
—31	Fri. 9	2 ·13	16 ·84	16
1	Sat. 10	3 ·03 / 4 ·94	17 ·77	17
2	Sun. 11	5 ·84	18 ·71	18
3	Mon. 12	6 ·77	19 ·67	19
4	Tues. 13	7 ·70	20 ·63	20
5	Wed. 14	8 ·65	21 ·60	21
6	Thur. 15	9 ·63	22 ·60	22
7	Fri. 16	10 ·61	23 ·61	23
8	Sat. 17	11 ·63	24 66	24
9	Sun. 18	12 ·66	25 ·72	25
10	Mon. 19	13 ·72	26 ·79	26
11	Tues. 20	14 ·79	27 ·88	27
12	Wed. 21	—A ·88	1 ·98	28
13	Thur. 22	1 ·95	... ...	29
14	Fri. 23	... ...	2 ·09	—30
15	Sat. 24	2 ·03	3 ·20	1
16	Sun. 25	3 ·10	4 ·30	2
17	Mon. 26	4 ·16	5 ·38	3
18	Tues. 27	5 ·22	6 ·45	4
19	Wed. 28	6 ·23	7 ·50	5
20	Thur. 29	7 ·24	8 ·52	6
21	Fri. 30	8 ·22	9 ·52	7

May. — *Vijaya.* **Vrishabha—Vaigāsi.** — **Vaiśākha.** *Bahula.* / *Sukla.* — *H. 1187 Safar.*

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
22	Sat. 1	9 ·17	10 ·51	8
23	Sun. 2	10 ·11	11 ·47	9
24	Mon. 3	11 ·04 / 12 ·96	12 ·44	10
25	Tues. 4	13 ·87	13 ·38	11
26	Wed. 5	14 ·78	14 ·31	12
27	Thur. 6	P ·66	15 ·24	13
28	Fri. 7	1 ·56	16 ·17	14
29	Sat. 8	2 ·46	17 ·11	15
30	Sun. 9	3 ·37	18 ·05	16
—31	Mon. 10	4 ·30	19 ·00 / 20 ·96	17
1	Tues. 11	5 ·22	21 ·93	18
2	Wed. 12	6 ·18	22 ·92	19
3	Thur. 13	7 ·15	23 ·94	20
4	Fri. 14	8 ·14	24 ·97	21
5	Sat. 15	9 ·15	... ...	22
6	Sun. 16	10 ·17	25 ·02	23
7	Mon. 17	11 ·23	26 ·09	24
8	Tues. 18	12 ·30	27 ·18	25
9	Wed. 19	13 ·38	1 ·29	26
10	Thur. 20	14 ·46	2 ·40	27
11	Fri. 21	—A ·54	3 ·50	28
12	Sat. 22	1 ·62	4 ·60	—29
13	Sun. 23	2 ·68	5 ·69	1
14	Mon. 24	3 ·73	6 ·77	2
15	Tues. 25	4 ·73	7 ·81	3
16	Wed. 26	5 ·74	8 ·84	4
17	Thur. 27	6 ·72	9 ·85	5
18	Fri. 28	7 ·69	10 ·84	6
19	Sat. 29	8 ·62	11 ·81	7
20	Sun. 30	9 ·54	12 ·77	8
21	Mon. 31	10 ·46	13 ·72	9

June. — *Vijaya.* **Mithuna—Āni.** — **Jyeshtha.** *Bahula.* / *Sukla.* / **Āsh.** — *H. 1187 Rabi-ul awwal.*

Cyclic sidereal year, month and day	Week-day, English month and day	Tithi ending Moment	Nakshatra ending Moment	Muhammadan year, month and day
22	Tues. 1	11 ·36	14 ·65	10
23	Wed. 2	12 ·26	15 ·58	11
24	Thur. 3	13 ·16	16 ·51	12
25	Fri. 4	14 ·07 / P ·96	17 ·45	13
26	Sat. 5	1 ·88	18 ·39	14
27	Sun. 6	2 ·80	19 ·38	15
28	Mon. 7	3 ·73	20 ·29	16
29	Tues. 8	4 ·68	21 ·26	17
30	Wed. 9	5 ·64	22 ·25	18
—31	Thur. 10	6 ·63	23 ·26	19
1	Fri. 11	7 ·64	24 ·29	20
2	Sat. 12	8 ·67	25 ·33	21
3	Sun. 13	9 ·71	26 ·40	22
4	Mon. 14	10 ·73	27 ·49	23
5	Tues. 15	11 ·85	1 ·59	24
6	Wed. 16	12 ·93	2 ·70	25
7	Thur. 17	.. ...	3 ·80	26
8	Fri. 18	13 ·02	4 ·90	27
9	Sat. 19	14 ·10	... ...	28
10	Sun. 20	—A ·16	5 ·00	29
11	Mon. 21	1 ·20	6 ·07	—30
12	Tues. 22	2 ·22	7 ·13	1
13	Wed. 23	3 ·22	8 ·16	2
14	Thur. 24	4 ·20	9 ·17	3
15	Fri. 25	5 ·17	10 ·16	4
16	Sat. 26	6 ·10	11 ·15	5
17	Sun. 27	7 ·04 / 8 ·95	12 ·11	6
18	Mon. 28	9 ·86	13 ·05 / 14 ·99	7
19	Tues. 29	10 ·75	15 ·92	8
20	Wed. 30	11 ·65	16 ·86	9

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1773. **Kollam 949,** { **N. Malabar—Sep.** **Hijra 1187.** **Vikrama 1830.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **March 25.** **Bengal San. 1179.**
P—Paurnimā. **(N. Cycle) Krodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Thur.	1	12 ·55	17 ·79	10	20	Wed.	1	**Bhādrapada.**			19	Mon.	1	**Kārt.** 2 ·54	3 ·30	15
22	Fri.	2	13 ·44	18 ·72	11	21	Thur.	2	**P** ·09	24 ·23	13	20	Tues.	2	3 ·64	4 ·41	16
23	Sat.	3	14 ·36	19 ·67	12	22	Fri.	3	1 ·11	25 ·27	14	21	Wed.	3	4 ·71	5 ·51	17
24	Sun.	4	**P** ·28	20 ·62	13	23	Sat.	4	2 ·18	26 ·33	15	22	Thur.	4	5 ·78	6 ·61	18
25	Mon.	5	1 ·21	21 ·59	14	24	Sun.	5	3 ·18	27 ·40	16	23	Fri.	5	6 ·83	7 ·69	19
26	Tues.	6	2 ·15	22 ·58	15	25	Mon.	6	4 ·25	1 ·49	17	24	Sat.	6	7 ·86	8 ·74	20
27	Wed.	7	3 ·12	23 ·58	16	26	Tues.	7	5 ·31	2 ·59	18	25	Sun.	7	8 ·87	9 ·78	21
28	Thur.	8	4 ·10	24 ·60	17	27	Wed.	8	6 ·39	3 ·70	19	26	Mon.	8	9 ·85	10 ·79	22
29	Fri.	9	5 ·11	25 ·64	18	28	Thur.	9	7 ·48	4 ·81	20	27	Tues.	9	10 ·82	11 ·79	23
30	Sat.	10	6 ·15	26 ·70	19	29	Fri.	10	8 ·56	5 ·91	21	28	Wed.	10	11 ·78	12 ·77	24
31	Sun.	11	7 ·19	27 ·79	20	30	Sat.	11	9 ·63	6 ·99	22	—29	Thur.	11	12 ·72	13 ·73	25
—32	Mon.	12	8 ·26	1 ·89	21	—31	Sun.	12	*Bahula.* 10 ·68	... ...	23	1	Fri.	12	13 ·63	14 ·68	26
1	Tues.	13	9 ·33	2 ·99	22	1	Mon.	13	11 ·70	7 ·06	24	2	Sat.	13	14 ·53	15 ·62	27
2	Wed.	14	10 ·41	... ...	23	2	Tues.	14	12 ·71	8 ·12	25	3	Sun.	14	—**A** ·44	16 ·55	28
3	Thur.	15	11 ·49	3 ·10	24	3	Wed.	15	13 ·70	9 ·14	26	4	Mon.	15	1 ·35	17 ·49	—29
4	Fri.	16	12 ·57	4 ·20	25	4	Thur.	16	14 ·67	10 ·15	27	5	Tues.	16	2 ·25	18 ·42	1
5	Sat.	17	13 ·64	5 ·30	26	5	Fri.	17	—**A** ·62	11 ·13	28	6	Wed.	17	3 ·15	19 ·36	2
6	Sun.	18	14 ·67	6 ·38	27	6	Sat.	18	1 ·55	12 ·10	—29	7	Thur.	18	4 ·07	20 ·30	3
7	Mon.	19	—**A** ·70	7 ·44	28	7	Sun.	19	2 ·47	13 ·07	1				5 ·99		
8	Tues.	20	1 ·70	8 ·48	—29				*Sukla.* 3 ·37	14 ·01	2	8	Fri.	19	6 ·93	21 ·25	4
9	Wed.	21	2 ·69	9 ·49	1	8	Mon.	20	4 ·27	15 ·95	3	9	Sat.	20	7 ·87	22 ·22	5
10	Thur.	22	3 ·64	10 ·50	2	9	Tues.	21	5 ·18	16 ·88	4	10	Sun.	21	8 ·84	23 ·20	6
11	Fri.	23	4 ·58	11 ·48	3	10	Wed.	22	6 ·07	17 ·81	5	11	Mon.	22	9 ·84	24 ·20	7
12	Sat.	24	5 ·52	12 ·44	4				7 ·97	18 ·74		12	Tues.	23	10 ·85	25 ·22	8
13	Sun.	25	6 ·48	13 ·39	5	11	Thur.	23	8 ·88	19 ·68	6	13	Wed.	24	11 ·88	26 ·26	9
14	Mon.	26	7 ·35	14 ·33	6	12	Fri.	24	9 ·81	20 ·63	7	14	Thur.	25	12 ·93	27 ·32	10
15	Tues.	27	8 ·25	15 ·27	7	13	Sat.	25	10 ·74	21 ·58	8	15	Fri.	26	... ...	1 ·40	11
16	Wed.	28	9 ·15	16 ·20	8	14	Sun.	26	11 ·68	22 ·55	9	16	Sat.	27	13 ·01	2 ·50	12
17	Thur.	29	10 ·03	17 ·13	9	15	Mon.	27	12 ·65	23 ·54	10	17	Sun.	28	14 ·09	3 ·60	13
			11 ·93			16	Tues.	28	13 ·63	24 ·56	11	18	Mon.	29	**P** ·17	4 ·71	14
18	Fri.	30	12 ·85	18 ·06	10	17	Wed.	29	14 ·65	25 ·59	12	19	Tues.	30	1 ·26	5 ·81	15
19	Sat.	31	13 ·76	19 ·00	11	18	Thur. ○	30	**P** ·67	26 ·64	13						
				20 ·96													
	Aug.						**Oct.**						**Dec.**				
20	Sun.	1	**Śrāvana.** 14 ·69	21 ·92	12	19	Fri.	1	1 ·72	27 ·70	14	20	Wed.	1	2 ·34	6 ·91	16
21	Mon.	2	**P** ·63	22 ·90	13	20	Sat.	2	2 ·78	1 ·79	15	21	Thur.	2	3 ·41	7 ·99	17
22	Tues.	3	1 ·61	23 ·90	14	21	Sun.	3	3 ·86	2 ·90	16	22	Fri.	3	4 ·46	... ...	18
23	Wed.	4	2 ·58	24 ·91	15	22	Mon.	4	4 ·95	... ...	17	23	Sat.	4	5 ·49	8 ·05	19
24	Thur.	5	3 ·60	25 ·95	16	23	Tues.	5	... ...	3 ·00	18	24	Sun.	5	6 ·50	9 ·09	20
25	Fri.	6	4 ·62	... ...	17	24	Wed.	6	5 ·04	4 ·11	19	25	Mon.	6	7 ·48	10 ·11	21
26	Sat.	7	5 ·66	26 ·02	18	25	Thur.	7	6 ·11	5 ·21	20	26	Tues.	7	8 ·45	11 ·12	22
27	Sun.	8	6 ·73	27 ·10	19	26	Fri.	8	*Bahula.* 7 ·18	6 ·30	21	27	Wed.	8	9 ·40	12 ·10	23
28	Mon.	9	7 ·80	1 ·19	20	27	Sat.	9	8 ·23	7 ·38	22	28	Thur.	9	10 ·34	13 ·07	24
29	Tues.	10	8 ·89	2 ·29	21	28	Sun.	10	9 ·25	8 ·43	23	29	Fri.	10	11 ·25	14 ·02	25
30	Wed.	11	9 ·97	3 ·40	22	29	Mon.	11	10 ·28	9 ·46	24					15 ·96	
—31	Thur.	12	... ...	4 ·51	23	30	Tues.	12	11 ·26	10 ·47	25	—30	Sat.	11	12 ·16	16 ·90	26
1	Fri.	13	10 ·06	5 ·61	24	—31	Wed.	13	12 ·24	11 ·46	26	1	Sun.	12	13 ·07	17 ·83	27
2	Sat.	14	11 ·12	6 ·69	25	1	Thur.	14	13 ·18	12 ·43	27				14 ·98		
3	Sun.	15	12 ·15	7 ·75	26	2	Fri.	15	14 ·11	13 ·40	28	2	Mon.	13	—**A** ·87	18 ·76	28
4	Mon.	16	13 ·19	8 ·79	27	3	Sat.	16	**A** ·03	14 ·35	29	3	Tues.	14	1 ·77	19 ·69	29
5	Tues.	17	14 ·19	9 ·82	28	4	Sun.	17	1 ·93	15 ·28	—30	4	Wed.	15	2 ·69	20 ·63	—30
6	Wed.	18	—**A** ·18	10 ·82	29	5	Mon.	18	*Sukla.* 2 ·84	16 ·21	1	5	Thur.	16	3 ·61	21 ·58	1
7	Thur.	19	1 ·14	11 ·80	—30	6	Tues.	19	3 ·75	17 ·14	2	6	Fri.	17	4 ·55	22 ·55	2
8	Fri.	20	2 ·09	12 ·77	1	7	Wed.	20	4 ·64	18 ·08	3	7	Sat.	18	5 ·51	23 ·53	3
9	Sat.	21	3 ·02	13 ·72	2	♎	Thur.	21	5 ·54	19 ·02	4	8	Sun.	19	6 ·49	24 ·52	4
			4 ·93						6 ·45	20 ·96		9	Mon.	20	7 ·47	25 ·53	5
10	Sun.	22	5 ·85	14 ·67	3	9	Fri.	22	*Śukla.* 7 ·38	21 ·91	5	10	Tues.	21	8 ·48	26 ·57	6
11	Mon.	23	6 ·74	15 ·61	4	10	Sat.	23	8 ·32	22 ·88	6	11	Wed.	22	9 ·53	27 ·63	7
12	Tues.	24	7 ·64	16 ·54	5	11	Sun.	24	9 ·26	23 ·88	7	12	Thur.	23	10 ·58	1 ·71	8
13	Wed.	25	8 ·53	17 ·47	6	12	Mon.	25	10 ·23	24 ·88	8	13	Fri.	24	11 ·65	2 ·80	9
14	Thur.	26	9 ·44	18 ·40	7	13	Tues.	26	11 ·22	25 ·90	9	14	Sat.	25	12 ·74	3 ·90	10
15	Fri.	27	10 ·35	19 ·34	8	14	Wed.	27	*Kārtika.* 12 ·24	26 ·95	10	15	Sun.	26	13 ·83	... ...	11
16	Sat.	28	11 ·28	20 ·29	9	15	Thur.	28	13 ·26	... ...	11	16	Mon.	27	14 ·91	4 ·00	12
17	Sun.	29	12 ·21	21 ·25	10	16	Fri.	29	14 ·31	27 ·01	12	17	Tues.	28	... ...	5 ·12	13
18	Mon.	30	13 ·14	22 ·23	11	17	Sat.	30	**P** ·38	1 ·10	13	18	Wed.	29	**P** ·00	6 ·21	14
19	Tues.	31	14 ·11	23 ·22	12	18	Sun.	31	1 ·46	2 ·20	14	19	Thur.	30	1 ·06	7 ·30	15
												20	Fri.	31	2 ·10	8 ·36	16

Vijaya. **Mithuna—Āṇi.** *Vijaya.* **Karkaṭaka—Ādi.** *Vijaya.* **Siṁha—Āvaṇi.** *Vijaya.* **Kanyā—Puraṭṭāśi.** *Vijaya.* **Tulā—Aippaśi.** *Vijaya.* **Vṛśchika—Kārttigai.** *Vijaya.* **Dhanus—Mārgaḷi.**

Bahula. **Āshāḍha.** *Śukla.* *Bahula.* **Śrāvaṇa.** *Śukla.* *Bahula.* **Bhād.** *Śukla.* *Bahula.* **Āśvina.** *Śukla.* *Bahula.* **Kārttika.** *Śukla.* *Bahula.* **Mārgaśīrsha.** *Śukla.* *Bahula.* **Pausha.**

H. 1187 *Rabī-ul ākhir.* *H.* 1187 *Jamāda'l awwal.* *H.* 1187 *Jamāda'l ākhir.* *H.* 1187 *Rajab.* *H.* 1187 *Sha'bān.* *H.* 1187 *Shawwāl.* *H.* 1187 *Ramaẓān.* *H.* 1187 *Shawwāl.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1774. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·02.** **Śaka 1696.** **Kaliyuga 4875.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·92.** **(S. Cycle) Jaya.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
21	Sat. 1	3 ·14	9 ·41	17
22	Sun. 2	4 ·14	10 ·44	18
23	Mon. 3	5 ·13	11 ·45	19
24	Tues. 4	6 ·09	12 ·43	20
25	Wed. 5	7 ·05 / 8 ·98	13 ·40	21
26	Thur. 6	9 ·89	14 ·35	22
27	Fri. 7	10 ·81	15 ·30	23
28	Sat. 8	11 ·72	16 ·24	24
—29	Sun. 9	12 ·62	17 ·17	25
1	Mon. 10	13 ·52	18 ·10	26
2	Tues. 11	14 ·43	19 ·03 / 20 ·98	27
3	Wed. 12	—**A** ·34	21 ·92	28
4	Thur. 13	1 ·26	22 ·88	—29
5	Fri. 14	2 ·20	23 ·85	1
6	Sat. 15	3 ·15	24 ·84	2
7	Sun. 16	4 ·13	25 ·85	3
8	Mon. 17	5 ·12	26 ·89	4
9	Tues. 18	6 ·14	27 ·94	5
10	Wed. 19	7 ·17	... ...	6
11	Thur. 20	8 ·24	1 ·01	7
12	Fri. 21	9 ·31	2 ·10	8
13	Sat. 22	10 ·39	3 ·20	9
14	Sun. 23	11 ·48	4 ·31	10
15	Mon. 24	12 ·57	5 ·42	11
16	Tues. 25	13 ·65	6 ·52	12
17	Wed. 26	14 ·71	7 ·60	13
18	Thur. 27	**P** ·76	8 ·67	14
19	Fri. 28	1 ·78	9 ·73	15
20	Sat. 29	2 ·78	10 ·76	16
21	Sun. 30	3 ·77	11 ·77	17
22	Mon. 31	4 ·74	12 ·76	18
	Feb.			
23	Tues. 1	5 ·69	13 ·73	19
24	Wed. 2	6 ·61	14 ·70	20
25	Thur. 3	7 ·53	15 ·64	21
26	Fri. 4	8 ·44	16 ·58	22
27	Sat. 5	9 ·34	17 ·51	23
28	Sun. 6	10 ·24	18 ·44	24
29	Mon. 7	11 ·14	19 ·37	25
—30	Tues. 8	12 ·06 / 13 ·97	20 ·31	26
1	Wed. 9	14 ·89	21 ·26	27
2	Thur. 10	—**A** ·83	22 ·21	28
3	Fri. 11	1 ·79	23 ·18	29
4	Sat. 12	2 ·76	24 ·16	—30
5	Sun. 13	3 ·75	25 ·18	1
6	Mon. 14	4 ·77	26 ·20	2
7	Tues. 15	5 ·81	27 ·25	3
8	Wed. 16	6 ·87	1 ·31	4
9	Thur. 17	7 ·94	2 ·40	5
10	Fri. 18	... ...	3 ·50	6
11	Sat. 19	8 ·03	4 ·61	7
12	Sun. 20	9 ·11	5 ·71	8
13	Mon. 21	10 ·19	6 ·82	9
14	Tues. 22	11 ·27	7 ·91	10
15	Wed. 23	12 ·33	8 ·99	11
16	Thur. 24	13 ·38	... ...	12
17	Fri. 25	14 ·40	9 ·04	13
18	Sat. 26	**P** ·41	10 ·08	14
19	Sun. 27	1 ·39	11 ·09	15
20	Mon. 28	2 ·35	12 ·08	16
	March.			
21	Tues. 1	3 ·29	13 ·07	17
22	Wed. 2	4 ·22	14 ·03 / 15 ·98	18
23	Thur. 3	5 ·15	16 ·92	19
24	Fri. 4	6 ·05 / 7 ·96	17 ·85	20
25	Sat. 5	8 ·85	18 ·78	21
26	Sun. 6	9 ·76	19 ·72	22
27	Mon. 7	10 ·66	20 ·65	23
28	Tues. 8	11 ·56	21 ·59	24
29	Wed. 9	12 ·50	22 ·54	25
—30	Thur. 10	13 ·43	23 ·51	26
1	Fri. 11	14 ·40	24 ·50	27
2	Sat. ● 12	—**A** ·37	25 ·50	28
3	Sun. 13	1 ·36	26 ·52	—29
4	Mon. 14	2 ·37	27 ·56	1
5	Tues. 15	3 ·41	1 ·62	2
6	Wed. 16	4 ·47	2 ·71	3
7	Thur. 17	5 ·54	3 ·80	4
8	Fri. 18	6 ·63	4 ·91	5
9	Sat. 19	7 ·71	... ...	6
10	Sun. 20	8 ·81	5 ·01	7
11	Mon. 21	9 ·88	6 ·12	8
12	Tues. 22	10 ·94	7 ·22	9
13	Wed. 23	11 ·98	8 ·30	10
14	Thur. 24	... ...	9 ·36	11
15	Fri. 25	12 ·00	10 ·39	12
16	Sat. 26	13 ·00 / 14 ·98	11 ·41	13
17	Sun. 27	**P** ·94	12 ·41	14
18	Mon. 28	1 ·88	13 ·40	15
19	Tues. 29	2 ·81	14 ·36	16
20	Wed. 30	3 ·73	15 ·31	17
21	Thur. 31	4 ·63	16 ·25	18
	April.			
22	Fri. 1	5 ·53	17 ·19	19
23	Sat. 2	6 ·42	18 ·12	20
24	Sun. 3	7 ·33	19 ·04 / 20 ·99	21
25	Mon. 4	8 ·24	21 ·93	22
26	Tues. 5	9 ·15	22 ·87	23
27	Wed. 6	10 ·07	23 ·84	24
28	Thur. 7	11 ·00 / 12 ·97	24 ·82	25
29	Fri. 8	13 ·94	25 ·82	26
—30	Sat. 9	14 ·92	26 ·83	27
1	Sun. 10	—**A** ·93	27 ·87	28
2	Mon. 11	1 ·98	1 ·94	29
3	Tues. 12	... ...	... ...	—30
4	Wed. 13	2 ·03	2 ·02	1
5	Thur. 14	3 ·11	3 ·10	2
6	Fri. 15	4 ·19	4 ·20	3
7	Sat. 16	5 ·27	5 ·31	4
8	Sun. 17	6 ·36	6 ·41	5
9	Mon. 18	7 ·43	7 ·52	6
10	Tues. 19	8 ·49	8 ·60	7
11	Wed. 20	9 ·53	9 ·67	8
12	Thur. 21	10 ·55	10 ·71	9
13	Fri. 22	11 ·55	11 ·73	10
14	Sat. 23	12 ·52	12 ·74	11
15	Sun. 24	13 ·49	13 ·73	12
16	Mon. 25	14 ·42	14 ·69	13
17	Tues. 26	**P** ·35	15 ·65	14
18	Wed. 27	1 ·27	16 ·59	15
19	Thur. 28	2 ·18	17 ·53	16
20	Fri. 29	3 ·08 / 4 ·97	18 ·46	17
21	Sat. 30	5 ·87	19 ·39	18
	May.			
22	Sun. 1	6 ·77	20 ·32	19
23	Mon. 2	7 ·68	21 ·26	20
24	Tues. 3	8 ·60	22 ·22	21
25	Wed. 4	9 ·54	23 ·18	22
26	Thur. 5	10 ·50	24 ·15	23
27	Fri. 6	11 ·47	25 ·16	24
28	Sat. 7	12 ·45	26 ·15	25
29	Sun. 8	13 ·46	27 ·19	26
30	Mon. 9	14 ·51	1 ·24	27
—31	Tues. 10	—**A** ·56	2 ·31	28
1	Wed. 11	1 ·62	3 ·40	—29
2	Thur. 12	2 ·70	4 ·50	1
3	Fri. 13	3 ·79	5 ·61	2
4	Sat. 14	4 ·87	6 ·72	3
5	Sun. 15	5 ·94	7 ·82	4
6	Mon. 16	... ...	8 ·91	5
7	Tues. 17	6 ·00	9 ·98	6
8	Wed. 18	7 ·04	... ...	7
9	Thur. 19	8 ·06	10 ·03	8
10	Fri. 20	9 ·06	11 ·06	9
11	Sat. 21	10 ·05	12 ·07	10
12	Sun. 22	11 ·00 / 12 ·93	13 ·05	11
13	Mon. 23	13 ·86	14 ·03 / 15 ·98	12
14	Tues. 24	14 ·78	16 ·94	13
15	Wed. 25	**P** ·68	17 ·87	14
16	Thur. 26	1 ·58	18 ·80	15
17	Fri. 27	2 ·48	19 ·73	16
18	Sat. 28	3 ·38	20 ·66	17
19	Sun. 29	4 ·29	21 ·61	18
20	Mon. 30	5 ·19	22 ·56	19
21	Tues. 31	6 ·11	23 ·51	20
	June.			
22	Wed. 1	7 ·04 / 8 ·99	24 ·48	21
23	Thur. 2	9 ·97	25 ·46	22
24	Fri. 3	10 ·95	26 ·48	23
25	Sat. 4	11 ·96	27 ·51	24
26	Sun. 5	12 ·99	1 ·55	25
27	Mon. 6	... ...	2 ·62	26
28	Tues. 7	13 ·05	3 ·70	27
29	Wed. 8	14 ·12	4 ·80	28
30	Thur. 9	—**A** ·19	5 ·92	29
—31	Fri. 10	1 ·28	... ...	—30
1	Sat. 11	2 ·36	6 ·02	1
2	Sun. 12	3 ·42	7 ·12	2
3	Mon. 13	4 ·48	8 ·21	3
4	Tues. 14	5 ·53	9 ·28	4
5	Wed. 15	6 ·54	10 ·34	5
6	Thur. 16	7 ·54	11 ·38	6
7	Fri. 17	8 ·53	12 ·39	7
8	Sat. 18	9 ·49	13 ·38	8
9	Sun. 19	10 ·43	14 ·36	9
10	Mon. 20	11 ·35	15 ·32	10
11	Tues. 21	12 ·28	16 ·27	11
12	Wed. 22	13 ·18	17 ·21	12
13	Thur. 23	14 ·07 / **P** ·97	18 ·14	13
14	Fri. 24	1 ·87	19 ·07	14
15	Sat. 25	2 ·77	20 ·01 / 21 ·94	15
16	Sun. 26	3 ·67	22 ·89	16
17	Mon. 27	4 ·59	23 ·84	17
18	Tues. 28	5 ·52	24 ·80	18
19	Wed. 29	6 ·47	25 ·79	19
20	Thur. 30	7 ·45	26 ·80	20

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1774. **Kollam 950,** Commences **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1188.** Commences **March 14.** **Vikrama 1831.** **Bengal San. 1180.** **(N. Cycle) Viśvāvasu.**

A—Amāvāsyā. **P—Paurnimā.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Fri.	1	8 ·43	27 ·82	21	20	Thur.	1	11 ·80	... ...	24	19	Tues.	1	12 ·16	12 ·00	26
22	Sat.	2	9 ·44	1 ·86	22	21	Fri.	2	12 ·89	7 ·03	25	20	Wed.	2	13 ·15	13 ·01	27
23	Sun.	3	10 ·47	2 ·92	23	22	Sat.	3	13 ·95	8 ·13	26	21	Thur.	3	14 ·11	14 ·01 / 15 ·98	28
24	Mon.	4	11 ·53	... ...	24	23	Sun.	4	14 ·99	9 ·21	27						
25	Tues.	5	12 ·59	3 ·01	25	24	Mon.	5	... ...	10 ·28	28	22	Fri.	4	A ·07 / 1 ·99	16 ·95	—29
26	Wed.	6	13 ·67	4 ·11	26	25	Tues. ●	6	—A ·02	11 ·33	—29						
27	Thur.	7	14 ·75	5 ·21	27	26	Wed.	7	1 ·03	12 ·35	1	23	Sat.	5	2 ·91	17 ·90	1
28	Fri.	8	—A ·83	6 ·32	28	27	Thur.	8	2 ·00 / 3 ·98	13 ·37	2	24	Sun.	6	3 ·83	18 ·84	2
29	Sat.	9	1 ·91	7 ·42	—29							25	Mon.	7	4 ·73	19 77	3
30	Sun.	10	2 ·96	8 ·51	1	28	Fri.	9	4 ·92	14 ·35	3	26	Tues.	8	5 ·63	20 ·70	4
31	Mon.	11	.. ...	9 ·60	2	29	Sat.	10	5 ·15	15 ·32	4	27	Wed.	9	6 ·53	21 ·64	5
32	Tues.	12	3 ·00	10 ·66	3	30	Sun.	11	6 ·76	16 ·28	5	28	Thur.	10	7 ·44	22 ·58	6
1	Wed.	13	4 ·02	11 ·70	4	—31	Mon.	12	7 ·68	17 ·22	6	29	Fri.	11	8 ·35	23 ·52	7
2	Thur.	14	5 ·03	12 ·71	5	1	Tues.	13	8 ·57	18 ·17	7	—30	Sat.	12	9 ·28	24 ·47	8
3	Fri.	15	6 ·01 / 7 ·96	13 ·71	6	2	Wed.	14	9 ·47	19 ·10 / 20 ·03	8	1	Sun.	13	10 ·21	25 ·43	9
4	Sat.	16	8 ·91	14 ·70	7	3	Thur.	15	10 ·37	21 ·96	9	2	Mon.	14	11 ·15	26 ·42	10
5	Sun.	17	9 ·83	15 ·66	8	4	Fri.	16	11 ·27	22 ·89	10	3	Tues.	15	12 ·14	27 ·42	11
6	Mon.	18	10 ·74	16 ·61	9	5	Sat.	17	12 ·19	23 ·85	11	4	Wed.	16	13 ·12	1 ·43	12
7	Tues.	19	11 ·65	17 ·55	10	6	Sun.	18	13 ·11	24 ·80	12	5	Thur.	17	14 ·14	2 ·48	13
8	Wed.	20	12 ·56	18 ·48	11	7	Mon.	19	14 ·04 / P ·98	25 ·77	13	6	Fri.	18	P ·17	3 ·54	14
9	Thur.	21	13 ·45	19 ·41	12							7	Sat.	19	1 ·23	4 ·62	15
10	Fri.	22	14 ·35	20 ·35	13	8	Tues.	20	1 ·95	26 ·76	14	8	Sun.	20	2 ·30	5 ·72	16
11	Sat.	23	P ·26	21 ·28	14	9	Wed.	21	2 ·94	27 ·77	15	9	Mon.	21	3 ·38	6 ·82	17
12	Sun.	24	1 ·15	22 ·22	15	10	Thur.	22	3 ·96	1 ·81	16	10	Tues.	22	4 ·47	7 ·93	18
13	Mon.	25	2 ·07	23 ·17	16	11	Fri.	23	4 ·98	2 ·86	17	11	Wed.	23	5 ·56	... ...	19
14	Tues.	26	3 ·00 / 4 ·96	24 ·13	17	12	Sat.	24	... ...	3 ·92	18	12	Thur.	24	6 ·64	8 ·30	20
15	Wed.	27	5 ·93	25 ·12	18	13	Sun.	25	5 ·03	... ...	19	13	Fri.	25	7 ·70	9 ·12	21
16	Thur.	28	6 ·91	26 ·12	19	14	Mon.	26	6 ·10	4 ·01	20	14	Sat.	26	8 ·75	10 ·21	22
17	Fri.	29	7 ·92	27 ·14	20	15	Tues.	27	7 ·17	5 ·11	21	15	Sun.	27	9 ·78	11 ·27	23
18	Sat.	30	8 ·94	1 ·17	21	16	Wed.	28	8 ·27	6 ·22	22	16	Mon.	28	10 ·79	12 ·31	24
19	Sun.	31	9 ·99	2 ·23	22	17	Thur.	29	9 ·35	7 ·33	23	17	Tues.	29	11 ·77	13 ·33	25
						18	Fri.	30	10 ·42	8 ·43	24	18	Wed.	30	12 ·73	14 ·33	26
	Aug.						**Oct.**						**Dec.**				
20	Mon.	1	... ...	3 ·32	23	19	Sat.	1	11 ·49	9 ·52	25	19	Thur.	1	13 ·69	15 ·32	27
21	Tues.	2	10 ·06	4 ·41	24	20	Sun.	2	12 ·53	10 ·59	26	20	Fri.	2	14 ·61	16 ·29	28
22	Wed.	3	11 ·14	5 ·51	25	21	Mon.	3	13 ·56	11 ·64	27	21	Sat.	3	—A ·54	17 ·24	29
23	Thur.	4	12 ·22	6 ·62	26	22	Tues.	4	14 ·57	12 ·68	28	22	Sun.	4	1 ·45	18 ·18	—30
24	Fri.	5	13 ·30	7 ·72	27	23	Wed.	5	—A ·56	13 ·69	29	23	Mon.	5	2 ·36	19 ·11	1
25	Sat.	6	14 ·38	8 ·83	28	24	Thur.	6	1 ·53	14 ·68	—30					20 ·05 / 21 ·98	
26	Sun.	7	—A ·43	9 ·91	29	25	Fri.	7	2 ·47	15 ·65	1	24	Tues.	6	3 ·26		2
27	Mon.	8	1 ·48	10 ·97	—30	26	Sat.	8	3 ·40	16 ·61	2	25	Wed.	7	4 ·15	22 ·91	3
28	Tues.	9	2 ·50	... ...	1	27	Sun.	9	4 ·31	17 ·57	3	26	Thur.	8	5 ·06 / 6 ·97	23 ·85	4
29	Wed.	10	3 ·51	11 ·01	2	28	Mon.	10	5 ·23	18 ·50	4						
30	Thur.	11	4 ·49	12 ·03	3	29	Tues.	11	6 ·13	19 ·43	5	27	Fri.	9	7 ·90	24 ·80	5
—31	Fri.	12	5 ·46	13 ·04 / 14 ·02	4	30	Wed.	12	7 ·04 / 8 ·94	20 ·36	6	28	Sat.	10	8 ·84	25 ·76	6
												—29	Sun.	11	9 ·80	26 ·75	7
1	Sat.	13	6 ·41	15 ·99	5	—31	Thur.	13	9 ·83	21 ·29	7	1	Mon.	12	10 ·77	27 ·74	8
2	Sun.	14	7 ·33	16 ·94	6	1	Fri.	14	10 ·75	22 ·24	8	2	Tues.	13	11 ·75	1 ·75	9
3	Mon.	15	8 ·24	17 ·88	7	2	Sat.	15	11 ·67	23 ·18	9	3	Wed.	14	12 ·78	2 ·79	10
4	Tues.	16	9 ·15	18 ·82	8	3	Sun.	16	12 ·61	24 ·13	10	4	Thur.	15	13 ·81	3 ·84	11
5	Wed.	17	10 ·06 / 11 ·95	19 ·76	9	4	Mon.	17	13 ·55	25 ·10	11	5	Fri.	16	14 ·87	4 ·93	12
						5	Tues.	18	14 ·53	26 ·09	12	6	Sat.	17	P ·95	... ...	13
6	Thur.	18	12 ·85	20 ·69	10	6	Wed.	19	P ·51	27 ·10	13	7	Sun.	18	... ...	5 ·02	14
7	Fri.	19	13 ·74	21 ·62	11	7	Thur.	20	1 ·53	1 ·12	14	8	Mon.	19	1 ·04	6 ·12	15
8	Sat.	20	14 ·66	22 ·56	12	8	Fri.	21	2 ·55	2 ·17	15	9	Tues.	20	2 ·12	7 ·22	16
9	Sun.	21	P ·58	23 ·50	13	9	Sat.	22	3 ·61	3 ·23	16	10	Wed.	21	3 ·21	8 ·33	17
10	Mon.	22	1 ·51	24 ·47	14	10	Sun	23	4 ·68	4 ·31	17	11	Thur.	22	4 ·29	9 ·44	18
11	Tues.	23	2 ·46	25 ·45	15	11	Mon.	24	5 ·75	5 ·41	18	12	Fri.	23	5 ·35	10 ·52	19
12	Wed.	24	3 ·42	26 ·44	16	12	Tues.	25	6 ·85	6 ·52	19	13	Sat.	24	6 ·40	11 ·58	20
13	Thur.	25	4 ·41	27 ·45	17	13	Wed.	26	7 ·98	7 ·63	20	14	Sun.	25	7 ·42	12 ·63	21
14	Fri.	26	5 ·41	1 ·48	18	14	Thur.	27	... ...	8 ·73	21	15	Mon.	26	8 ·43	13 ·65	22
15	Sat.	27	6 ·45	2 ·55	19	15	Fri.	28	8 ·02	9 ·82	22	16	Tues.	27	9 ·41	14 ·67	23
16	Sun.	28	7 ·50	3 ·62	20	16	Sat.	29	9 ·08	10 ·90	23	17	Wed.	28	10 ·38	15 ·65	24
17	Mon.	29	8 ·57	4 ·71	21	17	Sun.	30	10 ·12	11 ·96	24	18	Thur.	29	11 ·33	16 ·62	25
18	Tues.	30	9 ·63	5 ·81	22	18	Mon.	31	11 ·15	... ...	25	19	Fri.	30	12 ·25	17 ·57	26
19	Wed.	31	10 ·71	6 ·92	23							20	Sat.	21	13 ·17	18 ·51	27

Jaya. Mithuna—Āṇi. Karkaṭaka—Ādi. Śukla. Āshādha. Bahula. Śrāvana. Jaya. Simha—Āvaṇi. Sukla. Bahula. Bhādrapada. Jaya. Kanyā—Puraṭṭāsi. Sukla. Āśvina. Bahula. Jaya. Tulā—Aippasi. Sukla. Kārttika. Bahula. Jaya. Vṛischika—Kārttigai. Sukla. Mārgaṣīrsha. Bahula. Jaya. Dhanus—Mārgaḷi. Sukla. Pauṣha. Bahula.

H. 1188 Jamāda'l awwal. H. 1188 Jamāda'l ākhir. H. 1188 Rajab. H. 1188 Sha'bān. H. 1188 Ramaẓān. H. 1188 Shawwāl.

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1775.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Sankrānti. (Commencement of Indian Sidereal year.)
(Surya Sid.) April 10·28.
(Arya Sid.) April 10·18.

Śaka 1697. **Kaliyuga 4876.**
(S. Cycle) Manmatha.

January – February

SOLAR reckoning: Cyclic sidereal year, month and day.	SOLAR reckoning: Week-day, English month and day.	LUNAR reckoning: Tithi ending Moment.	LUNAR reckoning: Nakshatra ending Moment.	LUNAR reckoning: Muhammadan year, month and day.
	Jan.			
21	SUN. 1	{14 ·08 / A ·99}	19 ·46	28
22	Mon. 2	1 ·89	20 ·39	—29
23	Tues. 3	2 ·79	21 ·32	1
24	Wed. 4	3 ·70	22 ·25	2
25	Thur. 5	4 ·61	23 ·19	3
26	Fri. 6	5 ·54	24 ·13	4
27	Sat. 7	6 ·48	25 ·10	5
28	SUN. 8	7 ·44	26 ·07	6
29	Mon. 9	8 ·41	27 ·06	7
—30	Tues. 10	9 ·41	1 ·07	8
1	Wed. 11	10 ·42	2 ·10	9
2	Thur. 12	11 ·46	3 ·15	10
3	Fri. 13	12 ·51	4 ·23	11
4	Sat. 14	13 ·59	5 ·32	12
5	SUN. 15	14 ·69	6 42	13
6	Mon. 16	P ·77	7 ·52	14
7	Tues. 17	1 ·86	8 ·64	15
8	Wed. 18	2 ·93	9 ·74	16
9	Thur. 19	... ...	10 ·82	17
10	Fri. 20	3 ·00	11 ·89	18
11	Sat. 21	4 ·05	12 ·94	19
12	SUN. 22	5 ·06	13 ·98	20
13	Mon. 23	6 ·07	14 ·99	21
14	Tues. 24	7 ·05	15 ·98	22
15	Wed. 25	{8 ·03 / 9 ·97}	16 ·95	23
16	Thur. 26	10 ·89	17 ·91	24
17	Fri. 27	11 ·81	18 ·85	25
18	Sat. 28	12 ·71	19 ·80	26
19	SUN. 29	13 ·62	20 ·73	27
20	Mon. 30	14 ·52	21 ·66	28
21	Tues. 31	—A ·43	22 ·59	29
	Feb.			
22	Wed. 1	1 ·33	23 ·52	—30
23	Thur. 2	2 ·25	24 ·48	1
24	Fri. 3	3 ·18	25 ·48	2
25	Sat. 4	4 ·13	26 ·40	3
26	SUN. 5	5 ·08	27 ·38	4
27	Mon. 6	6 ·05	1 ·39	5
28	Tues. 7	7 ·05	2 ·42	6
—29	Wed. 8	8 ·06	3 ·47	7
1	Thur. 9	9 ·11	4 ·53	8
2	Fri. 10	10 ·16	5 ·62	9
3	Sat. 11	11 ·24	6 ·72	10
4	SUN. 12	12 ·33	7 ·83	11
5	Mon. 13	13 ·42	8 ·94	12
6	Tues. 14	14 ·50	... ...	13
7	Wed. ○ 15	P ·57	9 ·04	14
8	Thur. 16	1 ·64	10 ·13	15
9	Fri. 17	2 ·69	11 ·20	16
10	Sat. 18	3 ·70	12 ·25	17
11	SUN. 19	4 ·70	13 ·30	18
12	Mon. 20	5 ·68	14 ·31	19
13	Tues. 21	6 ·65	15 ·30	20
14	Wed. 22	7 ·58	16 ·28	21
15	Thur. 23	8 ·51	17 ·24	22
16	Fri. 24	9 ·43	18 ·20	23
17	Sat. 25	10 ·34	19 ·13	24
18	SUN. 26	11 ·24	20 ·07	25
19	Mon. 27	12 ·15	{21 ·00 / 22 ·93}	26
20	Tues. 28	{13 ·05 / 14 ·95}	23 ·87	27

Jan.: *Jaya.* **Makara—Tai.**; *Sukla.* **Pausha.** *Bahula.*; *H. 1188 Zi-l-ka'da.*

Feb.: *Jaya.* **Kumbha—Māsi.**; *Sukla.* **Māgha.** *Bahula.*; *H. 1188 Zi-l-hijja.*

March – April

SOLAR reckoning: Cyclic sidereal year, month and day.	SOLAR reckoning: Week-day, English month and day.	LUNAR reckoning: Tithi ending Moment.	LUNAR reckoning: Nakshatra ending Moment.	LUNAR reckoning: Muhammadan year, month and day.
	March.			
21	Wed. 1	—A ·87	24 ·81	28
22	Thur. 2	1 ·79	25 ·76	29
23	Fri. 3	2 ·73	26 ·73	—30
24	Sat. 4	3 ·69	27 ·71	1
25	SUN. 5	4 ·67	1 ·72	2
26	Mon. 6	5 ·66	2 ·74	3
27	Tues. 7	6 ·66	3 ·78	4
28	Wed. 8	7 ·71	4 ·84	5
29	Thur. 9	8 ·78	5 ·92	6
—30	Fri. 10	9 ·86	... ...	7
1	Sat. 11	10 ·94	6 ·02	8
2	SUN. 12	... ...	7 ·13	9
3	Mon. 13	11 ·03	8 ·28	10
4	Tues. 14	12 ·11	9 ·34	11
5	Wed. 15	13 ·18	10 ·43	12
6	Thur. 16	14 ·24	11 ·51	13
7	Fri. 17	P ·28	12 ·58	14
8	Sat. 18	1 ·30	13 ·61	15
9	SUN. 19	2 ·29	14 ·63	16
10	Mon. 20	3 ·28	15 ·68	17
11	Tues. 21	4 ·24	16 ·61	18
12	Wed. 22	5 ·18	17 ·57	19
13	Thur. 23	6 ·11	18 ·53	20
14	Fri. 24	{7 ·02 / 8 ·93}	19 ·47	21
15	Sat. 25	9 ·82	20 ·41	22
16	SUN. 26	10 ·72	21 ·33	23
17	Mon. 27	11 ·63	22 ·27	24
18	Tues. 28	12 ·54	23 ·21	25
19	Wed. 29	13 ·45	24 ·15	26
20	Thur. 30	14 ·37	25 ·11	27
21	Fri. 31	—A ·31	26 ·06	28
	April.			
22	Sat. 1	1 ·27	27 ·04	29
23	SUN. 2	2 ·25	1 ·04	—30
24	Mon. 3	3 ·24	2 ·05	1
25	Tues. 4	4 ·27	3 ·09	2
26	Wed. 5	5 ·30	4 ·15	3
27	Thur. 6	6 ·36	5 ·22	4
28	Fri. 7	7 ·43	6 ·32	5
29	Sat. 8	8 ·51	7 ·42	6
—30	SUN. 9	9 ·60	8 ·53	7
1	Mon. 10	10 ·67	9 ·64	8
2	Tues. 11	11 ·74	10 ·73	9
3	Wed. 12	12 ·80	11 ·82	10
4	Thur. 13	13 ·85	12 ·89	11
5	Fri. 14	14 ·86	13 ·93	12
6	Sat. 15	P ·85	14 ·95	13
7	SUN. 16	1 ·83	15 ·95	14
8	Mon. 17	2 ·78	16 ·95	15
9	Tues. 18	3 ·73	17 ·91	16
10	Wed. 19	4 ·66	18 ·87	17
11	Thur. 20	5 ·58	19 ·81	18
12	Fri. 21	6 ·48	20 ·74	19
13	Sat. 22	7 ·38	21 ·68	20
14	SUN. 23	8 ·27	22 ·62	21
15	Mon. 24	9 ·17	23 ·54	22
16	Tues. 25	{10 ·08 / 11 ·99}	24 ·48	23
17	Wed. 26	12 ·92	25 ·43	24
18	Thur. 27	13 ·86	26 ·40	25
19	Fri. 28	14 ·82	27 ·37	26
20	Sat. 29	—A ·79	1 ·36	27
21	SUN. 30	1 ·77	2 ·87	28

March: *Jaya.* **Mina—Panguni.**; *Sukla.* **Phālguna.** *Bahula.*; *H. 1189 Muharram.*

April: *Manmatha.* **Mesha—Chittirai.**; *Sukla.* **Chaitra.** *Bahula.*; *H. 1189 Safar.*

May – June

SOLAR reckoning: Cyclic sidereal year, month and day.	SOLAR reckoning: Week-day, English month and day.	LUNAR reckoning: Tithi ending Moment.	LUNAR reckoning: Nakshatra ending Moment.	LUNAR reckoning: Muhammadan year, month and day.
	May.			
22	Mon. 1	2 ·80	3 ·40	—29
23	Tues. 2	3 ·83	4 ·45	1
24	Wed. 3	4 ·89	5 ·53	2
25	Thur. 4	5 ·96	6 ·62	3
26	Fri. 5	... ...	7 ·72	4
27	Sat. 6	6 ·04	8 ·83	5
28	SUN. 7	7 ·11	9 ·94	6
29	Mon. 8	8 ·19	... ...	7
30	Tues. 9	9 ·27	10 ·04	8
—31	Wed. 10	10 ·33	11 ·13	9
1	Thur. 11	11 ·38	12 ·20	10
2	Fri. 12	12 ·38	13 ·24	11
3	Sat. 13	13 ·38	14 ·27	12
4	SUN. 14	14 ·36	15 ·29	13
5	Mon. 15	P ·31	16 ·28	14
6	Tues. 16	1 ·25	17 ·25	15
7	Wed. 17	2 ·17	18 ·20	16
8	Thur. 18	{3 ·09 / 4 ·99}	19 ·15	17
9	Fri. 19	5 ·90	20 ·08	18
10	Sat. 20	6 ·79	{21 ·02 / 22 ·95}	19
11	SUN. 21	7 ·69	23 ·88	20
12	Mon. 22	8 ·59	24 ·82	21
13	Tues. 23	9 ·50	25 ·76	22
14	Wed. 24	10 ·43	26 ·73	23
15	Thur. 25	11 ·36	27 ·69	24
16	Fri. 26	12 ·32	1 ·68	25
17	Sat. 27	13 ·29	2 ·69	26
18	SUN. 28	14 ·29	3 ·71	27
19	Mon. 29	—A ·29	4 ·77	28
20	Tues. 30	1 ·33	5 ·84	29
21	Wed. 31	2 ·39	6 ·92	—30
	June.			
22	Thur. 1	3 ·44	... ...	1
23	Fri. 2	4 ·53	7 ·02	2
24	Sat. 3	5 ·62	8 ·13	3
25	SUN. 4	6 ·70	9 ·24	4
26	Mon. 5	7 ·76	10 ·34	5
27	Tues. 6	8 ·82	11 ·43	6
28	Wed. 7	9 ·86	12 ·51	7
29	Thur. 8	10 ·88	13 ·56	8
30	Fri. 9	11 ·87	14 ·60	9
31	Sat. 10	12 ·85	15 ·61	10
—32	SUN. 11	13 ·81	16 ·60	11
1	Mon. 12	14 ·74	17 ·58	12
2	Tues. 13	P ·67	18 ·53	13
3	Wed. 14	1 ·59	19 ·49	14
4	Thur. 15	2 ·48	20 ·43	15
5	Fri. 16	3 ·39	21 ·36	16
6	Sat. 17	4 ·28	22 ·29	17
7	SUN. 18	5 ·19	23 ·22	18
8	Mon. 19	6 ·08	24 ·15	19
9	Tues. 20	{7 ·00 / 8 ·92}	25 ·10	20
10	Wed. 21	9 ·84	26 ·06	21
11	Thur. 22	10 ·80	27 ·02	22
12	Fri. 23	11 ·77	1 ·01	23
13	Sat. 24	12 ·76	2 ·01	24
14	SUN. 25	13 ·77	3 ·04	25
15	Mon. 26	14 ·81	4 ·08	26
16	Tues. 27	—A ·85	5 ·14	27
17	Wed. 28	1 ·92	6 ·22	28
18	Thur. 29	... ...	7 ·32	—29
19	Fri. 30	2 ·00	8 ·48	1

May: *Manmatha.* **Vrishabha—Vaigāsi.**; *Sukla.* **Vaiśākha.** *Bahula.*; *H. 1189 Rabī-ul awwal.*

June: *Manmatha.* **Mithuna—Āni.**; *Sukla.* **Jyeshtha.** *Bahula.*; *H. 1189 Rabī-ul ākhir.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1775. **Kollam 951,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1189.** **Vikrama 1832.**
A—Amāvāsyā. Commences Commences **March 4.** **Bengal San. 1181.**
P—Paurnimā. **(N. Cycle) Parābhava.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
Manmatha. **Karkataka—Ādi.** 20	Sat. 1	3 ·08	9 ·54	2
21	Sun. 2	4 ·17	10 ·64	3
22	Mon. 3	5 ·24	11 ·74	4
23	Tues. 4	6 ·30	12 ·81	5
24	Wed. 5	7 ·34	13 ·88	6
25	Thur. 6	8 ·36	14 ·91	7
26	Fri. 7	9 ·35	15 ·93	8
27	Sat. 8	10 ·33	16 ·93	9
28	Sun. 9	11 ·28	17 ·91	10
29	Mon. 10	12 ·22	18 ·87	11
30	Tues. 11	13 ·16	19 ·83	12
—31	Wed. 12	14 ·06 / P ·97	20 ·76	13
1	Thur. 13	1 ·87	21 ·70	14
2	Fri. 14	2 ·76	22 ·63	15
3	Sat. 15	3 ·66	23 ·56	16
4	Sun. 16	4 ·56	24 ·50	17
5	Mon. 17	5 ·48	25 ·44	18
6	Tues. 18	6 ·39	26 ·39	19
7	Wed. 19	7 ·33	27 ·35	20
8	Thur. 20	8 ·28	1 ·34	21
9	Fri. 21	9 ·26	2 ·34	22
10	Sat. 22	10 ·24	3 ·35	23
11	Sun. 23	11 ·25	4 ·39	24
12	Mon. 24	12 ·29	5 ·45	25
13	Tues. 25	13 ·33	6 ·53	26
14	Wed. 26	14 ·39	7 ·63	27
15	Thur. 27	—A ·47	8 ·73	28
16	Fri. 28	1 ·56	9 ·84	29
17	Sat. 29	2 ·63	10 ·94	—30
18	Sun. 30	3 ·70	... ...	1
19	Mon. 31	4 ·77	11 ·05	2
	Aug.			
Simha—Āvaṇ. 20	Tues. 1	5 ·80	12 ·13	3
21	Wed. 2	6 ·84	13 ·19	4
22	Thur. 3	7 ·83	14 ·23	5
23	Fri. 4	8 ·81	15 ·25	6
24	Sat. 5	9 ·76	16 ·25	7
25	Sun. 6	10 ·71	17 ·24	8
26	Mon. 7	11 ·65	18 ·21	9
27	Tues. 8	12 ·56	19 ·16	10
28	Wed. 9	13 ·46	20 ·10	11
29	Thur. 10	14 ·36	21 ·04 / 22 ·97	12
30	Fri.○ 11	P ·26	23 ·91	13
31	Sat. 12	1 ·17	24 ·84	14
—32	Sun. 13	2 ·07 / 3 ·97	25 ·77	15
1	Mon. 14	4 ·88	26 ·72	16
2	Tues. 15	5 ·82	27 ·68	17
3	Wed. 16	6 ·77	1 ·66	18
4	Thur. 17	7 ·75	2 ·68	19
5	Fri. 18	8 ·75	3 ·67	20
6	Sat. 19	9 ·74	4 ·70	21
7	Sun. 20	10 ·77	5 ·76	22
8	Mon. 21	11 ·82	6 ·84	23
9	Tues. 22	12 ·89	7 ·93	24
10	Wed. 23	13 ·96	... ...	25
11	Thur. 24	... ...	8 ·03	26
12	Fri. 25	14 ·04	9 ·14	27
13	Sat.● 26	—A ·13	10 ·24	28
14	Sun. 27	1 ·21	11 ·34	—29
15	Mon. 28	2 ·27	12 ·43	1
16	Tues. 29	3 ·32	13 ·50	2
17	Wed. 30	4 ·34	14 ·55	3
18	Thur. 31	5 ·33	15 ·57	4

Śukla. **Āshāḍha.** *Bahula.* **Śrāvaṇa.** *Śukla.* *Bahula.*

H. 1188 *Jamāda'l awwal.* *H.* 1189 *Jamāda'l ākhir.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
Manmatha. **Kanyā—Puraṭṭāśi.** 19	Fri. 1	6 ·32	16 ·58	5
20	Sat. 2	7 ·27	17 ·57	6
21	Sun. 3	8 ·23	18 ·54	7
22	Mon. 4	9 ·16	19 ·50	8
23	Tues. 5	10 ·08 / 11 ·98	20 ·44	9
24	Wed. 6	12 ·88	21 ·38	10
25	Thur. 7	13 ·77	22 ·32	11
26	Fri. 8	14 ·68	23 ·24	12
27	Sat. 9	P ·58	24 ·17	13
28	Sun. 10	1 ·49	25 ·11	14
29	Mon. 11	2 ·41	26 ·06	15
30	Tues. 12	3 ·35	27 ·02 / 1 ·99	16
—31	Wed. 13	4 ·29	2 ·98	17
1	Thur. 14	5 ·27	3 ·99	18
2	Fri. 15	6 ·26	... ...	19
3	Sat. 16	7 ·27	4 ·02	20
4	Sun. 17	8 ·30	5 ·07	21
5	Mon. 18	9 ·36	6 ·14	22
6	Tues. 19	10 ·42	7 ·23	23
7	Wed. 20	11 ·49	8 ·33	24
8	Thur. 21	12 ·57	9 ·43	25
9	Fri. 22	13 ·65	10 ·54	26
10	Sat. 23	14 ·74	11 ·65	27
—11	Sun. 24	—A ·80	12 ·74	28
12	Mon. 25	1 ·85	13 ·81	29
13	Tues. 26	2 ·87	14 ·86	—30
14	Wed. 27	3 ·88	15 ·89	1
15	Thur. 28	4 ·86	16 ·91	2
16	Fri. 29	5 ·82	17 ·90	3
17	Sat. 30	6 ·77	18 ·87	4
	Oct.			
18	Sun. 1	7 ·69	19 ·83	5
19	Mon. 2	8 ·62	20 ·78	6
20	Tues. 3	9 ·52	21 ·72	7
21	Wed. 4	10 ·44	22 ·65	8
22	Thur. 5	11 ·33	23 ·58	9
23	Fri. 6	12 ·23	24 ·51	10
24	Sat. 7	13 ·13	25 ·45	11
25	Sun. 8	14 ·03 / P ·96	26 ·40	12
26	Mon. 9	1 ·91	27 ·35	13
27	Tues. 10	2 ·86	1 ·32	14
28	Wed. 11	3 ·83	2 ·30	15
29	Thur. 12	4 ·83	3 ·31	16
—30	Fri. 13	5 ·83	4 ·33	17
1	Sat. 14	6 ·86	5 ·38	18
2	Sun. 15	7 ·92	6 ·45	19
3	Mon. 16	8 ·98	7 ·53	20
4	Tues. 17	... ...	8 ·63	21
5	Wed. 18	9 ·06	9 ·73	22
6	Thur. 19	10 ·15	10 ·85	23
7	Fri. 20	11 ·24	11 ·95	24
8	Sat. 21	12 ·32	... ...	25
9	Sun. 22	13 ·38	12 ·04	26
10	Mon. 23	14 ·43	13 ·12	27
11	Tues. 24	—A ·46	14 ·17	28
12	Wed. 25	1 ·46	15 ·22	—29
13	Thur. 26	2 ·44	16 ·23	1
14	Fri. 27	3 ·40	17 ·23	2
15	Sat. 28	4 ·35	18 ·20	3
16	Sun. 29	5 ·28	19 ·16	4
17	Mon. 30	6 ·21	20 ·11	5
18	Tues. 31	7 ·11	21 ·05 / 22 ·99	6

Śukla. **Bhādrapada.** *Bahula.* **Āśvina.** *Śukla.* *Bahula.*

H. 1189 *Rajab.* *H.* 1189 *Śha'bān.*

Cyclic sidereal year, month and day.	Week-day English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
Manmatha. **Vṛiśchika—Kārttigai.** 19	Wed. 1	8 ·01 / 9 ·92	23 ·92	7
20	Thur. 2	10 ·83	24 ·85	8
21	Fri. 3	11 ·72	25 ·78	9
22	Sat. 4	12 ·63	26 ·73	10
23	Sun. 5	13 ·56	27 ·68	11
24	Mon. 6	14 ·50	1 ·65	12
25	Tues. 7	P ·45	2 ·63	13
26	Wed. 8	1 ·42	3 ·63	14
27	Thur. 9	2 ·42	4 ·66	15
28	Fri. 10	3 ·43	5 ·70	16
29	Sat. 11	4 ·47	6 ·75	17
—30	Sun. 12	5 ·52	7 ·83	18
1	Mon. 13	6 ·59	8 ·93	19
2	Tues. 14	7 ·67	... ...	20
3	Wed. 15	8 ·77	9 ·04	21
4	Thur. 16	9 ·86	10 ·15	22
5	Fri. 17	10 ·93	11 ·25	23
6	Sat. 18	11 ·99	12 ·34	24
7	Sun. 19	... ...	13 ·42	25
8	Mon. 20	12 ·04	14 ·49	26
9	Tues. 21	13 ·08	15 ·53	27
10	Wed. 22	14 ·07	16 ·55	28
—11	Thur. 23	—A ·05	17 ·55	29
12	Fri. 24	1 ·02 / 2 ·96	18 ·53	—30
13	Sat. 25	3 ·90	19 ·51	1
14	Sun. 26	4 ·82	20 ·46	2
15	Mon. 27	5 ·74	21 ·40	3
16	Tues. 28	6 ·63	22 ·33	4
17	Wed. 29	7 ·53	23 ·26	5
18	Thur. 30	8 ·44	24 ·19	6
	Dec.			
19	Fri. 1	9 ·35	25 ·13	7
20	Sat. 2	10 ·26	26 ·07	8
21	Sun. 3	11 ·17	27 ·02 / 1 ·98	9
22	Mon. 4	12 ·12	2 ·95	10
23	Tues. 5	13 ·08	3 ·96	11
24	Wed. 6	14 ·05	4 ·97	12
25	Thur. 7	P ·05	... ...	13
26	Fri. 8	1 ·07	5 ·01	14
27	Sat. 9	2 ·11	6 ·06	15
28	Sun. 10	3 ·16	7 ·14	16
—29	Mon. 11	4 ·23	8 ·24	17
1	Tues. 12	5 ·33	9 ·34	18
2	Wed. 13	6 ·42	10 ·45	19
3	Thur. 14	7 ·50	11 ·55	20
4	Fri. 15	8 ·58	12 ·65	21
5	Sat. 16	9 ·64	13 ·74	22
6	Sun. 17	10 ·68	14 ·80	23
7	Mon. 18	11 ·72	15 ·85	24
8	Tues. 19	12 ·71	16 ·87	25
9	Wed. 20	13 ·70	17 ·88	26
10	Thur. 21	14 ·65	18 ·86	27
11	Fri. 22	—A ·60	19 ·84	28
12	Sat. 23	1 ·53	20 ·79	—29
13	Sun. 24	2 ·44	21 ·73	1
14	Mon. 25	3 ·36	22 ·67	2
15	Tues. 26	4 ·26	23 ·60	3
16	Wed. 27	5 ·17	24 ·54	4
17	Thur. 28	6 ·07 / 7 ·97	25 ·47	5
18	Fri. 29	8 ·89	26 ·41	6
19	Sat. 30	9 ·82	27 ·35	7
20	Sun. 31	10 ·77	1 ·31	8

Śukla. **Kārttika.** *Bahula.* **Mārgaśīrsha.** *Śukla.* *Bahula.*

H. 1189 *Shawwāl.* *H.* 1189 *Ramaẓān.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20, P. Ash. 21. Ṳ. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1776. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·53.** **Śaka 1698.** **Kaliyuga 4877.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·43.** **(S. Cycle) Durmukha.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
21	Mon. 1	11 ·72	2 ·29	9	22	Fri. 1	11 ·02	7 ·06	10	23	Wed. 1	13 ·59	13 ·25	12
22	Tues. 2	12 ·70	3 ·28	10	23	Sat. 2	12 ·08	8 ·14	11	24	Thur. 2	14 ·66	14 ·35	13
23	Wed. 3	13 ·69	4 ·29	11	24	Sun. 3	13 ·16	9 ·23	12	25	Fri. 3	P ·69	15 ·42	14
24	Thur. 4	14 ·72	5 ·32	12	25	Mon. 4	14 ·25	10 ·34	13	26	Sat. 4	1 ·71	16 ·46	15
25	Fri. 5	P ·75	6 ·37	13	26	Tues. 5	P ·33	11 ·46	14	27	Sun. 5	2 ·69	17 ·49	16
26	Sat. 6	1 ·80	7 ·45	14	27	Wed. 6	1 ·42	12 ·56	15	28	Mon. 6	3 ·67	18 ·50	17
27	Sun. 7	2 ·89	8 ·54	15	28	Thur. 7	2 ·48	13 ·65	16	29	Tues. 7	4 ·62	19 ·49	18
28	Mon. 8	3 ·97	9 ·64	16	29	Fri. 8	3 ·54	14 ·73	17	30	Wed. 8	5 ·56	20 ·47	19
29	Tues. 9	... ...	10 ·74	17	—30	Sat. 9	4 ·59	15 ·79	18	—31	Thur. 9	6 ·49	21 ·42	20
—30	Wed. 10	4 ·06	11 ·84	18	1	Sun. 10	5 ·60	16 ·83	19	1	Fri. 10	7 ·40	22 ·37	21
1	Thur. 11	5 ·15	12 ·96	19	2	Mon. 11	6 ·60	17 ·85	20	2	Sat. 11	8 ·30	23 ·30	22
2	Fri. 12	6 ·23	... ...	20	3	Tues. 12	7 ·58	18 ·85	21	3	Sun. 12	9 ·20	24 ·23	23
3	Sat. 13	7 ·28	13 ·04	21	4	Wed. 13	8 ·53	19 ·83	22	4	Mon. 13	10 ·11	25 ·17	24
4	Sun. 14	8 ·33	14 ·11	22	5	Thur. 14	9 ·47	20 ·79	23	5	Tues. 14	11 ·00 / 12 ·90	26 ·10	25
5	Mon. 15	9 ·36	15 ·16	23	6	Fri. 15	10 ·39	21 ·75	24					
6	Tues. 16	10 ·35	16 ·19	24	7	Sat. 16	11 ·31	22 ·69	25	6	Wed. 15	13 ·81	27 ·04 / 1 ·98	26
7	Wed. 17	11 ·34	17 ·20	25	8	Sun. 17	12 ·22	23 ·62	26	7	Thur. 16	14 ·73	2 ·94	27
8	Thur. 18	12 ·30	18 ·20	26	9	Mon. 18	13 ·12	24 ·55	27	8	Fri. 17	—A ·68	3 ·91	28
9	Fri. 19	13 ·25	19 ·17	27	10	Tues. 19	14 ·02 / A ·93	25 ·48	28	9	Sat. 18	1 ·64	4 ·90	29
10	Sat. 20	14 ·17	20 ·13	28	11	Wed. 20	1 ·83	26 ·43	29	10	Sun. 19	2 ·62	5 ·91	—30
11	Sun. ● 21	A ·08 / 1 ·99	21 ·07	29	12	Thur. 21	2 ·74	27 ·36	—30	11	Mon. 20	3 ·60	6 ·93	1
12	Mon. 22	2 ·89	22 ·01 / 23 ·95	—30	13	Fri. 22	3 ·67	1 ·31	1	12	Tues. 21	4 ·61	7 ·98	2
13	Tues. 23	3 ·80	24 ·87	1	14	Sat. 23	4 ·61	2 ·28	2	13	Wed. 22	5 ·66	... ...	3
14	Wed. 24	4 ·70	25 ·81	2	15	Sun. 24	5 ·58	3 ·25	3	14	Thur. 23	6 ·71	8 ·06	4
15	Thur. 25	5 ·61	26 ·74	3	16	Mon. 25	6 ·55	4 ·25	4	15	Fri. 24	7 ·78	9 ·14	5
16	Fri. 26	6 ·53	27 ·68	4	17	Tues. 26	7 ·55	5 ·27	5	16	Sat. 25	8 ·86	10 ·24	6
17	Sat. 27	7 ·47	1 ·65	5	18	Wed. 27	8 ·57	6 ·31	6	17	Sun. 26	9 ·95	11 ·35	7
18	Sun. 28	8 ·41	2 ·62	6	19	Thur. 28	9 ·61	7 ·37	7	18	Mon. 27	... ...	12 ·45	8
19	Mon. 29	9 ·36	3 ·60	7	20	Fri. 29	10 ·66	8 ·44	8	19	Tues. 28	10 ·03	13 ·56	9
20	Tues. 30	10 ·34	4 ·61	8	21	Sat. 30	11 ·74	9 ·53	9	20	Wed. 29	11 ·10	14 ·65	10
21	Wed. 31	11 ·34	5 ·63	9	22	Sun. 31	12 ·83	10 ·64	10	21	Thur. 30	12 ·16	15 ·73	11
										22	Fri. 31	13 ·18	16 ·78	12
	Feb.					**April.**					**June.**			
22	Thur. 1	12 ·36	6 ·69	10	23	Mon. 1	13 ·91	11 ·75	11	23	Sat. 1	14 ·20	17 ·81	13
23	Fri. 2	13 ·40	7 ·75	11	24	Tues. 2	... ...	12 ·85	12	24	Sun. 2	P ·19	18 ·82	14
24	Sat. 3	14 ·46	8 ·84	12	25	Wed. 3	14 ·00	13 ·95	13	25	Mon. 3	1 ·18	19 ·82	15
25	Sun. ○ 4	P ·54	9 ·93	13	26	Thur. 4	P ·06	... ...	14	26	Tues. 4	2 ·13	20 ·80	16
26	Mon. 5	1 ·62	... ...	14	27	Fri. 5	1 ·12	14 ·03	15	27	Wed. 5	3 ·07 / 4 ·99	21 ·75	17
27	Tues. 6	2 ·71	10 ·04	15	28	Sat. 6	2 ·16	15 ·11	16					
28	Wed. 7	3 ·79	11 ·15	16	29	Sun. 7	3 ·17	16 ·15	17	28	Thur. 6	5 ·89	22 ·70	18
—29	Thur. 8	4 ·88	12 ·26	17	—30	Mon. 8	4 ·17	17 ·17	18	29	Fri. 7	6 ·80	23 ·64	19
1	Fri. 9	5 ·94	13 ·35	18	1	Tues. 9	5 ·15	18 ·17	19	30	Sat. 8	7 ·69	24 ·58	20
2	Sat. 10	6 ·98	14 ·42	19	2	Wed. 10	6 ·09	19 ·16	20	31	Sun. 9	8 ·60	25 ·51	21
3	Sun. 11	7 ·99	15 ·48	20	3	Thur. 11	7 ·03 / 8 ·96	20 ·13	21	—32	Mon. 10	9 ·50	26 ·44	22
4	Mon. 12	8 ·99	16 ·51	21	4	Fri. 12	9 ·87	21 ·09	22	1	Tues. 11	10 ·40	27 ·38	23
5	Tues. 13	9 ·98	17 ·53	22	5	Sat. 13	10 ·77	22 ·08 / 23 ·96	23	2	Wed. 12	11 ·31	1 ·32	24
6	Wed. 14	10 ·93	18 ·52	23	6	Sun. 14	11 ·68	24 ·89	24	3	Thur. 13	12 ·23	2 ·28	25
7	Thur. 15	11 ·87	19 ·50	24	7	Mon. 15	12 ·58	25 ·82	25	4	Fri. 14	13 ·17	3 ·24	26
8	Fri. 16	12 ·79	20 ·46	25	8	Tues. 16	13 ·48	26 ·76	26	5	Sat. 15	14 ·12	4 ·23	27
9	Sat. 17	13 ·72	21 ·41	26	9	Wed. 17	14 ·38	27 ·70	27	6	Sun. 16	—A ·10	5 ·23	28
10	Sun. 18	14 ·63	22 ·35	27	10	Thur. 18	—A ·30	1 ·65	28	7	Mon. 17	1 ·09	6 ·25	—29
11	Mon. 19	—A ·53	23 ·29	28	11	Fri. 19	1 ·22	2 ·61	—29	8	Tues. 18	2 ·10	7 ·30	1
12	Tues. 20	1 ·43	24 ·22	—29	12	Sat. 20	2 ·17	3 ·58	1	9	Wed. 19	3 ·14	8 ·36	2
13	Wed. 21	2 ·32	25 ·14	1	13	Sun. 21	3 ·12	4 ·58	2	10	Thur. 20	4 ·20	9 ·45	3
14	Thur. 22	3 ·23	26 ·08	2	14	Mon. 22	4 ·09	5 ·59	3	11	Fri. 21	5 ·25	10 ·54	4
15	Fri. 23	4 ·15	27 ·03 / 1 ·99	3	15	Tues. 23	5 ·09	6 ·62	4	12	Sat. 22	6 ·33	11 ·65	5
16	Sat. 24	5 ·08	2 ·95	4	16	Wed. 24	6 ·11	7 ·67	5	13	Sun. 23	7 ·42	12 ·76	6
17	Sun. 25	6 ·02 / 7 ·99	3 ·93	5	17	Thur. 25	7 ·15	8 ·74	6	14	Mon. 24	8 ·49	13 ·86	7
18	Mon. 26	8 ·96	4 ·93	6	18	Fri. 26	8 ·20	9 ·84	7	15	Tues. 25	9 ·57	14 ·96	8
19	Tues. 27	9 ·95	5 ·96	7	19	Sat. 27	9 ·28	10 ·94	8	16	Wed. 26	10 ·63	... ...	9
20	Wed. 28	10 ·99	... ...	8	20	Sun. 28	10 ·37	... ...	9	17	Thur. 27	11 ·66	15 ·03	10
21	Thur. 29	... ...	6 ·00	9	21	Mon. 29	11 ·44	11 ·05	10	18	Fri. 28	12 ·68	16 ·09	11
					22	Tues. 30	12 ·52	12 ·16	11	19	Sat. 29	13 ·67	17 ·13	12
										20	Sun. 30	14 ·66	18 ·15	13

Manmatha. **Makara—Tai.** *Pausha.* *Bahula.* *Zi-l-ka'da.* *H.* 1189 *Muharram.* *Sukla.* *Māgha.* *Zi-l-hijja.* *H.* 1189 *Manmatha.* **Kumbha—Māgh.** *Sukla.* *Phālguna.* *Bahula.* *H.* 1190 *Muharram.* *Manmatha.* **Mīna—Pāguna.** *Sukla.* *Chaitra.* *Bahula.* *H.* 1190 *Safar.* *Durmukha.* **Mēsha—Chittirai.** *Sukla.* *Vaiśākha.* *Bahula.* *H.* 1190 *Rabī-ul awwal.* *Durmukha.* **Vrishabha—Vaigāsi.** *Sukla.* *Jyeshtha.* *Bahula.* *H.* 1190 *Rabī-ul ākhir.* *Durmukha.* **Mithuna—Āni.** *Sukla.* *Āshādha.* *Bahula.* *H.* 1190 *Jamāda'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12 U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1776. **Kollam 952,** { **N. Malabar—Sep.** **Hijra 1190.** **Vikrama 1833.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 21.** **Bengal San. 1182.**
P—Paurnimā. **(N. Cycle) Plavaṅga.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Mon.	1	**P** ·60	19 ·15	14	20	Sun.	1	4 ·88	27 ·39	17	20	Fri.	1	*Bahula.* 6 ·71	7 ·87	19
22	Tues.	2	1 ·55	20 ·13	15	21	Mon.	2	5 ·80	1 ·33	18	21	Sat.	2	7 ·72	8 ·92	20
23	Wed.	3	2 ·47	21 ·09	16	22	Tues.	3	6 ·72	2 ·27	19	22	Sun.	3	8 ·77	9 ·98	21
24	Thur.	4	3 ·38	22 ·04 / 23 ·99	17	23	Wed.	4	7 ·65	3 ·23	20	23	Mon.	4	9 ·82	... ...	22
25	Fri.	5	4 ·28	24 ·92	18	24	Thur.	5	8 ·60	4 ·20	21	24	Tues.	5	10 ·90	10 ·05	23
26	Sat.	6	5 ·18	25 ·85	19	25	Fri.	6	9 ·57	5 ·20	22	25	Wed.	6	11 ·97	11 ·15	24
27	Sun.	7	6 ·07 / **7** ·97	26 ·78	20	26	Sat.	7	10 ·57	6 ·21	23	26	Thur.	7	... ...	12 ·25	25
28	Mon.	8	8 ·88	27 ·71	21	27	Sun.	8	11 ·57	7 ·24	24	27	Fri.	8	12 ·07	13 ·37	26
29	Tues.	9	9 ·78	1 ·66	22	28	Mon.	9	12 ·61	8 ·29	25	28	Sat.	9	13 ·16	14 ·47	27
30	Wed.	10	10 ·71	2 ·61	23	29	Tues.	10	13 ·67	9 ·35	26	29	Sun.	10	14 ·23	15 ·56	28
—31	Thur.	11	11 ·64	3 ·57	24	30	Wed.	11	14 ·73	10 ·45	27	—30	Mon.	11	**A** ·29	16 ·64	29
1	Fri.	12	12 ·61	4 ·55	25	—31	Thur.	12	**A** ·81	11 ·55	28	1	Tues.	12	1 ·33	17 ·70	—30
2	Sat.	13	13 ·58	5 ·55	26	1	Fri.	13	1 ·89	12 ·66	29	2	Wed.	13	2 ·36	18 ·74	1
3	Sun.	14	14 ·56	6 ·57	27	2	Sat.	14	2 ·98	13 ·76	—30	3	Thur.	14	3 ·35	19 ·77	2
4	Mon.	15	—**A** ·58	7 ·61	28	3	Sun.	15	... ...	14 ·86	1	4	Fri.	15	4 ·35	20 ·77	3
5	Tues.	16	1 ·61	8 ·67	29	4	Mon.	16	3 ·06	15 ·96	2	5	Sat.	16	5 ·31	21 ·75	4
6	Wed.	17	2 ·67	9 ·75	—30	5	Tues.	17	4 ·13	... ...	3	6	Sun.	17	6 ·26	22 ·72	5
7	Thur.	18	3 ·73	10 ·84	1	6	Wed.	18	5 ·16	16 ·03	4	7	Mon.	18	7 ·18	23 ·67	6
8	Fri.	19	4 ·81	11 ·94	2	7	Thur.	19	6 ·18	17 ·08	5	8	Tues.	19	8 ·11	24 ·62	7
9	Sat.	20	5 ·89	... ...	3	8	Fri.	20	7 ·18	18 ·11	6	9	Wed.	20	9 ·01 / 10 ·91	25 ·55	8
10	Sun.	21	6 ·96	12 ·06	4	9	Sat.	21	8 ·16	19 ·12	7	10	Thur.	21	11 ·81	26 ·48	9
11	Mon.	22	... ...	13 ·16	5	10	Sun.	22	9 ·13	20 ·12	8	11	Fri.	22	12 ·72	27 ·41	10
12	Tues.	23	7 ·04	14 ·26	6	11	Mon.	23	10 ·07	21 ·09	9	12	Sat.	23	13 ·63	1 ·34	11
13	Wed.	24	8 ·11	15 ·34	7	12	Tues.	24	11 ·00 / 12 ·91	22 ·05 / 23 ·00	10	13	Sun.	24	14 ·54	2 ·29	12
14	Thur.	25	9 ·14	16 ·40	8	13	Wed.	25	13 ·82	24 ·93	11	14	Mon.	25	**P** ·47	3 ·24	13
15	Fri.	26	10 ·16	17 ·45	9	14	Thur.	26	14 ·73	25 ·87	12	15	Tues.	26	1 ·40	4 ·20	14
16	Sat.	27	11 ·16	18 ·47	10	15	Fri.	27	**P** ·62	26 ·80	13	16	Wed.	27	2 ·36	5 ·17	15
17	Sun.	28	12 ·14	19 ·47	11	16	Sat.	28	1 ·52	27 ·72	14	17	Thur.	28	3 ·34	6 ·17	16
18	Mon.	29	13 ·09	20 ·45	12	17	Sun.	29	2 ·42	1 ·67	15	18	Fri.	29	4 ·33	7 ·19	17
19	Tues.	○30	14 ·03 / **P** ·96	21 ·42	13	18	Mon.	30	3 ·34	2 ·61	16	19	Sat.	30	5 ·36	8 ·23	18
20	Wed.	31	1 ·87	22 ·38	14												
	Aug.						**Oct.**						**Dec.**				
21	Thur.	1	2 ·77	23 ·31	15	19	Tues.	1	4 ·26	3 ·56	17	20	Sun.	1	*Bahula.* 6 ·39	9 ·28	19
22	Fri.	2	3 ·68	24 ·26	16	20	Wed.	2	5 ·20	4 ·55	18	21	Mon.	2	7 ·45	10 ·36	20
23	Sat.	3	4 ·57	25 ·19	17	21	Thur.	3	6 ·15	5 ·52	19	22	Tues.	3	8 ·52	11 ·46	21
24	Sun.	4	5 ·47	26 ·12	18	22	Fri.	4	7 ·13	6 ·53	20	23	Wed.	4	9 ·62	12 ·56	22
25	Mon.	5	6 ·37	27 ·06 / 1 ·99	19	23	Sat.	5	8 ·12	7 ·55	21	24	Thur.	5	10 ·70	13 ·67	23
26	Tues.	6	**7** ·28	2 ·94	20	24	Sun.	6	9 ·12	8 ·60	22	25	Fri.	6	11 ·79	14 ·77	24
27	Wed.	7	8 ·20	3 ·90	21	25	Mon.	7	10 ·17	9 ·67	23	26	Sat.	7	12 ·87	15 ·87	25
28	Thur.	8	9 ·13	4 ·88	22	26	Tues.	8	11 ·22	10 ·75	24	27	Sun.	8	13 ·93	16 ·95	26
29	Fri.	9	10 ·09	5 ·88	23	27	Wed.	9	12 ·30	11 ·85	25	28	Mon.	9	14 ·97	... ...	27
30	Sat.	10	**11** ·06	6 ·89	24	28	Thur	10	13 ·38	12 ·95	26	29	Tues.	10	—**A** ·99	17 ·01	28
31	Sun.	11	12 ·06	7 ·92	25	29	Fri.	11	14 ·47	... ...	27	—30	Wed	11	... ...	18 ·07	—29
—32	Mon.	12	13 ·06	8 ·98	26	—30	Sat.	12	—**A** ·54	13 ·06	28	1	Thur.	12	1 ·00 / 2 ·98	19 ·09	1
1	Tues.	12	14 ·08	... ...	27	1	Sun.	13	1 ·62	14 ·17	—29	2	Fri.	13	3 ·93	20 ·10	2
2	Wed.	14	—**A** ·14	9 ·05	28	2	Mon.	14	**2** ·69	15 ·26	1	3	Sat.	14	4 ·89	21 ·08	3
3	Thur.	15	1 ·21	10 ·14	—29	3	Tues.	15	3 ·72	16 ·34	2	4	Sun.	15	5 ·81	22 ·05	4
4	Fri.	16	2 ·30	11 ·25	1	4	Wed.	16	4 ·76	17 ·39	3	5	Mon.	16	6 ·73	23 ·01 / 24 ·95	5
5	Sat.	17	3 ·38	12 ·35	2	5	Thur.	17	5 ·75	18 ·43	4	6	Tues.	17	**7** ·64	25 ·89	6
6	Sun.	18	4 ·46	13 ·46	3	6	Fri.	18	6 ·74	19 ·45	5	7	Wed.	18	8 ·55	26 ·82	7
7	Mon.	19	5 ·53	14 ·56	4	7	Sat.	19	7 ·70	20 ·45	6	8	Thur.	19	9 ·44	27 ·75	8
8	Tues.	20	6 ·60	15 ·64	5	8	Sun.	20	8 ·65	21 ·42	7	9	Fri.	20	10 ·34	1 ·69	9
9	Wed.	21	7 ·63	16 ·72	6	9	Mon.	21	9 ·58	22 ·38	8	10	Sat.	21	11 ·26	2 ·62	10
10	Thur.	22	8 ·66	17 ·77	7	10	Tues.	22	10 ·49	23 ·33	9	11	Sun.	22	12 ·17	3 ·57	11
11	Fri.	23	9 ·65	18 ·79	8	11	Wed.	23	11 ·40	24 ·27	10	12	Mon.	23	13 ·10	4 ·53	12
12	Sat.	24	10 ·63	19 ·80	9	12	Thur.	24	12 ·30	25 ·21	11	13	Tues.	24	14 ·04	5 ·50	13
13	Sun.	25	11 ·59	20 ·78	10	13	Fri.	25	13 ·20	26 ·15	12	14	Wed.	25	**P** ·00 / ·98	6 ·50	14
14	Mon.	26	12 ·54	21 ·76	11	14	Sat.	26	14 ·10	27 ·06	13	15	Thur.	26	2 ·99	7 ·51	15
15	Tues.	27	13 ·47	22 ·72	12	15	Sun.	27	**P** ·01 / 1 ·92	1 ·00 / 2 ·94	14	16	Fri.	27	... ...	8 ·54	16
16	Wed.	28	14 ·38	23 ·66	13	16	Mon.	28	2 ·85	3 ·90	15	17	Sat.	28	3 ·00	9 ·59	17
17	Thur.	29	**P** ·27	24 ·59	14	17	Tues.	29	3 ·79	4 ·87	16	18	Sun.	29	**4** ·04	10 ·66	18
18	Fri.	30	1 ·18	25 ·52	15	18	Wed.	30	4 ·74	5 ·85	17	19	Mon.	30	5 ·11	11 ·75	19
19	Sat.	31	2 ·07 / 3 ·98	26 ·46	16	19	Thur.	31	5 ·72	6 ·85	18	20	Tues.	31	6 ·18	12 ·86	20

Durmukha. **Karkaṭaka—Ādi.** *H.* 1190 *Jamāda'l awwal.* — *Durmukha.* **Kanyā—Puraṭṭāsi.** *H.* 1190 *Rajab.* — *Durmukha.* **Siṁha—Āvani.** *H.* 1190 *Rajab.* — *Durmukha.* **Tulā—Aippaśi.** *H.* 1190 *Ramażān.* — *Durmukha.* **Vṛśchika—Kārttigai.** *H.* 1190 *Shawwāl.* — *Durmukha.* **Dhanus—Mārgali.** *H.* 1190 *Zi-l-ka'da.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1777. **Mēsha Sankrānti** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) April 9·79. **Śaka 1699.** **Kaliyuga 4878.**
Lunar Eclipse. ○ (Arya Sid.) April 9·69. **(S. Cycle) Hemalamba.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
21	Wed. 1	7 ·27	13 ·96	21
22	Thur. 2	8 ·35	... ...	22
23	Fri. 3	9 ·45	14 ·07	23
24	Sat. 4	10 ·52	15 ·17	24
25	Sun. 5	11 ·57	16 ·25	25
26	Mon. 6	12 ·62	17 ·33	26
27	Tues. 7	13 ·64	18 ·38	27
28	Wed. 8	14 ·64	19 ·41	28
—29	Thur. 9	—**A** ·63	20 ·42	29
1	Fri. 10	1 ·59	21 ·41	—30
2	Sat. 11	2 ·53	22 ·39	1
3	Sun. 12	3 ·46	23 ·35	2
4	Mon. 13	4 ·38	24 ·29	3
5	Tues. 14	5 ·28	25 ·23	4
6	Wed. 15	6 ·18	26 ·16	5
7	Thur. 16	7 ·08	27 ·10	6
8	Fri. 17	8 ·00 / 9 ·90	1 ·03 / 2 ·96	7
9	Sat. 18	10 ·82	3 ·90	8
10	Sun. 19	11 ·75	4 ·86	9
11	Mon. 20	12 ·69	5 ·84	10
12	Tues. 21	13 ·65	6 ·82	11
13	Wed. 22	14 ·62	7 ·83	12
14	Thur. ○ 23	ℙ ·63	8 ·85	13
15	Fri. 24	1 ·64	9 ·90	14
16	Sat. 25	2 ·70	10 ·96	15
17	Sun. 26	3 ·76	... ...	16
18	Mon. 27	4 ·83	11 ·06	17
19	Tues. 28	5 ·92	12 ·16	18
20	Wed. 29	... ...	13 ·26	19
21	Thur. 30	6 ·00	14 ·37	20
22	Fri. 31	7 ·10	15 ·47	21
	Feb.			
23	Sat. 1	8 ·17	16 ·57	22
24	Sun. 2	9 ·23	17 ·64	23
25	Mon. 3	10 ·26	18 ·70	24
26	Tues. 4	11 ·29	19 ·73	25
27	Wed. 5	12 ·28	20 ·74	26
28	Thur. 6	13 ·26	21 ·74	27
29	Fri. 7	14 ·22	22 ·72	28
—30	Sat. 8	—**A** ·15	23 ·68	—29
1	Sun. 9	1 ·09	24 ·63	1
2	Mon. 10	2 ·00 / 3 ·91	25 ·56	2
3	Tues. 11	4 ·80	26 ·50	3
4	Wed. 12	5 ·71	27 ·43	4
5	Thur. 13	6 ·62	1 ·36	5
6	Fri. 14	7 ·52	2 ·30	6
7	Sat. 15	8 ·44	3 ·24	7
8	Sun. 16	9 ·37	4 ·19	8
9	Mon. 17	10 ·32	5 ·17	9
10	Tues. 18	11 ·27	6 ·15	10
11	Wed. 19	12 ·25	7 ·15	11
12	Thur. 20	13 ·25	8 ·17	12
13	Fri. 21	14 ·27	9 ·21	13
14	Sat. 22	ℙ ·33	10 ·28	14
15	Sun. 23	1 ·38	11 ·36	15
16	Mon. 24	2 ·46	12 ·45	16
17	Tues. 25	3 ·55	13 ·56	17
18	Wed. 26	4 ·63	14 ·67	18
19	Thur. 27	5 ·71	15 ·78	19
20	Fri. 28	6 ·79	16 ·87	20

Durmukha. **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.* *H.* 1190 *Zi-l-hijja.*

Durmukha. **Kumbha—Māśi.** *Sukla.* **Māgha.** *Bahula.* *H.* 1191 *Muharram.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
21	Sat. 1	7 ·85	17 ·95	21
22	Sun. 2	8 ·89	... ...	22
23	Mon. 3	9 ·90	18 ·01	23
24	Tues. 4	10 ·89	19 ·05	24
25	Wed. 5	11 ·88	20 ·07	25
26	Thur. 6	12 ·82	21 ·07	26
27	Fri. 7	13 ·76	22 ·05	27
28	Sat. 8	14 ·70	23 ·01 / 24 ·96	28
—29	Sun. 9	—**A** ·61	25 ·91	29
1	Mon. 10	1 ·52	26 ·84	—30
2	Tues. 11	2 ·42	27 ·77	1
3	Wed. 12	3 ·32	1 ·70	2
4	Thur. 13	4 ·21	2 ·63	3
5	Fri. 14	5 ·12	3 ·57	4
6	Sat. 15	6 ·04 / 7 ·96	4 ·53	5
7	Sun. 16	8 ·90	5 ·49	6
8	Mon. 17	9 ·86	6 ·47	7
9	Tues. 18	10 ·85	7 ·47	8
10	Wed. 19	11 ·85	8 ·48	9
11	Thur. 20	12 ·88	9 ·53	10
12	Fri. 21	13 ·92	10 ·59	11
13	Sat. 22	14 ·97	11 ·66	12
14	Sun. 23	... ...	12 ·75	13
15	Mon. 24	ℙ ·06	13 ·86	14
16	Tues. 25	1 ·14	14 ·97	15
17	Wed. 26	2 ·23	... ...	16
18	Thur. 27	3 ·31	15 ·08	17
19	Fri. 28	4 ·38	16 ·17	18
20	Sat. 29	5 ·43	17 ·25	19
21	Sun. 30	6 ·47	18 ·32	20
22	Mon. 31	7 ·48	19 ·36	21
	April.			
23	Tues. 1	8 ·47	20 ·39	22
24	Wed. 2	9 ·45	21 ·39	23
25	Thur. 3	10 ·40	22 ·38	24
26	Fri. 4	11 ·34	23 ·34	25
27	Sat. 5	12 ·27	24 ·30	26
28	Sun. 6	13 ·18	25 ·25	27
29	Mon. 7	14 ·09 / **A** ·98	26 ·18	28
30	Tues. 8	1 ·88	27 ·11	—29
—31	Wed. 9	2 ·78	1 ·04 / 2 ·97	1
1	Thur. 10	3 ·69	3 ·92	2
2	Fri. 11	4 ·59	4 ·87	3
3	Sat. 12	5 ·52	5 ·82	4
4	Sun. 13	6 ·46	6 ·80	5
5	Mon. 14	7 ·42	7 ·79	6
6	Tues. 15	8 ·41	8 ·81	7
7	Wed. 16	9 ·40	9 ·84	8
8	Thur. 17	10 ·43	10 ·89	9
9	Fri. 18	11 ·47	11 ·97	10
10	Sat. 19	12 ·53	... ...	11
11	Sun. 20	13 ·61	12 ·05	12
12	Mon. 21	14 ·69	13 ·16	13
13	Tues. 22	ℙ ·77	14 ·27	14
14	Wed. 23	1 ·84	15 ·37	15
15	Thur. 24	2 ·92	16 ·47	16
16	Fri. 25	3 ·97	17 ·56	17
17	Sat. 26	... ...	18 ·63	18
18	Sun. 27	4 ·02	19 ·68	19
19	Mon. 28	5 ·02	20 ·71	20
20	Tues. 29	6 ·02	21 ·72	21
21	Wed. 30	7 ·00 / 8 ·04	22 ·71	22

Durmukha. **Phālguna.** *Sukla.* **Mīna—Pāṅguni.** *Bahula.* *H.* 1191 *Śafar.*

Hemalambu. **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.* *H.* 1191 *Rabī-ul awwal.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
22	Thur. 1	9 ·87	23 ·68	23
23	Fri. 2	10 ·80	24 ·64	24
24	Sat. 3	11 ·71	25 ·58	25
25	Sun. 4	12 ·62	26 ·52	26
26	Mon. 5	13 ·52	27 ·45	27
27	Tues. 6	14 ·41	1 ·38	28
28	Wed. 7	—**A** ·30	2 ·32	29
29	Thur. 8	1 ·21	3 ·26	—30
30	Fri. 9	2 ·12	4 ·20	1
—31	Sat. 10	3 ·06 / 4 ·99	5 ·15	2
1	Sun. 11	5 ·95	6 ·12	3
2	Mon. 12	6 ·93	7 ·12	4
3	Tues. 13	7 ·92	8 ·13	5
4	Wed. 14	8 ·95	9 ·15	6
5	Thur. 15	9 ·98	10 ·20	7
6	Fri. 16	... ...	11 ·27	8
7	Sat. 17	10 ·04	12 ·35	9
8	Sun. 18	11 ·11	13 ·46	10
9	Mon. 19	12 ·18	14 ·57	11
10	Tues. 20	13 ·28	15 ·68	12
11	Wed. 21	14 ·37	16 ·78	13
12	Thur. 22	ℙ ·43	17 ·86	14
13	Fri. 23	1 ·48	18 ·95	15
14	Sat. 24	2 ·52	... ...	16
15	Sun. 25	3 ·53	19 ·00	17
16	Mon. 26	4 ·52	20 ·03	18
17	Tues. 27	5 ·50	21 ·04	19
18	Wed. 28	6 ·46	22 ·03	20
19	Thur. 29	7 ·38	23 ·02 / 24 ·97	21
20	Fri. 30	8 ·29	25 ·92	22
21	Sat. 31	9 ·21	26 ·86	23
	June.			
22	Sun. 1	10 ·12	27 ·79	24
23	Mon. 2	11 ·01 / 12 ·91	1 ·73	25
24	Tues. 3	13 ·81	2 ·66	26
25	Wed. 4	14 ·71	3 ·59	27
26	Thur. 5	—**A** ·62	4 ·53	28
27	Fri. 6	1 ·56	5 ·49	—29
28	Sat. 7	2 ·49	6 ·46	1
29	Sun. 8	3 ·45	7 ·45	2
30	Mon. 9	4 ·42	8 ·45	3
—31	Tues. 10	5 ·42	9 ·47	4
1	Wed. 11	6 ·43	10 ·51	5
2	Thur. 12	7 ·47	11 ·58	6
3	Fri. 13	8 ·52	12 ·67	7
4	Sat. 14	9 ·58	13 ·76	8
5	Sun. 15	10 ·66	14 ·87	9
6	Mon. 16	11 ·75	15 ·97	10
7	Tues. 17	12 ·84	... ...	11
8	Wed. 18	13 ·91	16 ·08	12
9	Thur. 19	14 ·96	17 ·18	13
10	Fri. 20	ℙ ·00	18 ·25	14
11	Sat. 21	1 ·01	19 ·31	15
12	Sun. 22	2 ·00 / 3 ·98	20 ·35 / 21 ·36	16 / 17
13	Mon. 23	4 ·94	22 ·37	18
14	Tues. 24	5 ·87	23 ·35	19
15	Wed. 25	6 ·79	24 ·31	20
16	Thur. 26	7 ·70	25 ·26	21
17	Fri. 27	8 ·59	26 ·20	22
18	Sat. 28	9 ·50	27 ·14	23
19	Sun. 29	10 ·40	1 ·07	24
20	Mon. 30			

Hemalamba. **Vrishabha—Vaigāśi.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 1191 *Jamād il awwal.*

Hemalamba. **Mithuna—Āni.** *Sukla.* **Jyeshtha.** *Bahula.* *H.* 1191 *Rabī-ul akhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1777. **Kollam 953,** { **N. Malabar—Sep.** **Hijra 1191.** **Vikrama 1834.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Feb. 9.** **Bengal San. 1183.**
P—Paurnimā. **(N. Cycle) Kilaka.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
31	Tues. 1	11 ·30	2 ·00 / 3 ·93	25
32	Wed. 2	12 ·19	4 ·87	26
33	Thur. 3	13 ·11	5 ·82	27
34	Fri. ● 4	14 ·04 / **A** ·97	6 ·79	28
35	Sat. 5	1 ·02	7 ·77	29
36	Sun. 6	2 ·90	8 ·77	—30
37	Mon. 7	3 ·89	9 ·78	1
38	Tues. 8	4 ·90	10 ·82	2
39	Wed. 9	5 ·95	11 ·89	3
40	Thur. 10	... ...	12 ·97	4
41	Fri. 11	6 ·00	... ...	5
—42	Sat. 12	7 ·07	13 ·06	6
1	Sun. 13	8 ·15	14 ·16	7
2	Mon. 14	9 ·23	15 ·27	8
3	Tues. 15	10 ·31	16 ·39	9
4	Wed. 16	11 ·38	17 ·48	10
5	Thur. 17	12 ·44	18 ·56	11
6	Fri. 18	13 ·47	19 ·62	12
7	Sat. 19	14 ·49	20 ·66	13
8	Sun. ○ 20	**P** ·48	21 ·69	14
9	Mon. 21	1 ·46	22 ·69	15
10	Tues. 22	2 ·41	23 ·67	16
11	Wed. 23	3 ·34	24 ·64	17
12	Thur. 24	4 ·27	25 ·59	18
13	Fri. 25	5 ·19	26 ·54	19
14	Sat. 26	6 ·09 / 7 ·99	27 ·48	20
15	Sun. 27	8 ·90	1 ·41	21
16	Mon. 28	9 ·79	2 ·33	22
17	Tues. 29	10 ·70	3 ·27	23
18	Wed. 30	11 ·60	4 ·20	24
19	Thur. 31	12 ·51	5 ·16	25
	Aug.			
20	Fri. 1	13 ·45	6 ·12	26
21	Sat. 2	14 ·40	7 ·10	27
—22	Sun. 3	**A** ·39	8 ·09	28
23	Mon. 4	1 ·38	9 ·10	—29
24	Tues. 5	2 ·38	10 ·14	1
25	Wed. 6	3 ·42	11 ·20	2
26	Thur. 7	4 ·47	12 ·27	3
27	Fri. 8	5 ·54	13 ·37	4
28	Sat. 9	6 ·62	14 ·46	5
29	Sun. 10	7 ·71	15 ·57	6
30	Mon. 11	8 ·79	16 ·68	7
—31	Tues. 12	9 ·87	17 ·78	8
1	Wed. 13	10 ·92	18 ·86	9
2	Thur. 14	11 ·95	19 ·93	10
3	Fri. 15	12 ·98	20 ·99	11
4	Sat. 16	13 ·97	... ...	12
5	Sun. 17	14 ·95	21 ·01	13
6	Mon. 18	**P** ·91	22 ·02	14
7	Tues. 19	1 ·85	23 ·00 / 24 ·97	15
8	Wed. 20	2 ·77	25 ·93	16
9	Thur. 21	3 ·68	26 ·88	17
10	Fri. 22	4 ·59	27 ·81	18
11	Sat. 23	5 ·49	1 ·74	19
12	Sun. 24	6 ·38	2 ·67	20
13	Mon. 25	7 ·28	3 ·60	21
14	Tues. 26	8 ·19	4 ·55	22
15	Wed. 27	9 ·10	5 ·49	23
16	Thur. 28	10 ·02 / 11 ·96	6 ·45	24
17	Fri. 29	12 ·91	7 ·42	25
18	Sat. 30	13 ·89	8 ·41	26
19	Sun. 31	14 ·88	9 ·43	27

Hemalamba. **Karkaṭaka—Ādi.** *Śukla.* **Āshādha.** *Bahula.* **Śrāvaṇa.** *Śukla.* **Śrāvaṇa.** *Bahula.* **Bhādrapada.** *H.* 1191 *Jumādal ākhir.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
20	Mon. 1	—**A** ·90	10 ·46	28
21	Tues. 2	1 ·93	11 ·51	29
22	Wed. 3	2 ·99	12 ·58	—30
23	Thur. 4	... ...	13 ·66	1
24	Fri. 5	3 ·05	14 ·77	2
25	Sat. 6	4 ·13	15 ·88	3
26	Sun. 7	5 ·20	16 ·98	4
27	Mon. 8	6 ·29	... ...	5
28	Tues. 9	7 ·38	17 ·08	6
29	Wed. 10	8 ·44	18 ·17	7
30	Thur. 11	9 ·48	19 ·24	8
—31	Fri. 12	10 ·50	20 ·30	9
1	Sat. 13	11 ·49	21 ·33	10
2	Sun. 14	12 ·47	22 ·34	11
3	Mon. 15	13 ·43	23 ·38	12
4	Tues. 16	14 ·38	24 ·30	13
5	Wed. 17	**P** ·30	25 ·27	14
6	Thur. 18	1 ·22	26 ·22	15
7	Fri. 19	2 ·12	27 ·15	16
8	Sat. 20	3 ·02 / 4 ·92	1 ·08	17
9	Sun. 21	5 ·81	2 ·01 / 3 ·95	18
10	Mon. 22	6 ·72	4 ·89	19
11	Tues. 23	7 ·63	5 ·83	20
12	Wed. 24	8 ·56	6 ·78	21
13	Thur. 25	9 ·50	7 ·75	22
14	Fri. 26	10 ·45	8 ·74	23
15	Sat. 27	11 ·43	9 ·75	24
16	Sun. 28	12 ·42	10 ·77	25
17	Mon. 29	13 ·44	11 ·82	26
18	Tues. 30	14 ·47	12 ·88	27
	Oct.			
19	Wed. 1	—**A** ·53	13 ·97	28
20	Thur. 2	1 ·60	... ...	—29
21	Fri. 3	2 ·70	14 ·07	1
22	Sat. 4	3 ·77	15 ·17	2
23	Sun. 5	4 ·84	16 ·28	3
24	Mon. 6	5 ·92	17 ·38	4
25	Tues. 7	6 ·98	18 ·47	5
26	Wed. 8	... ...	19 ·56	6
27	Thur. 9	7 ·03	20 ·61	7
28	Fri. 10	8 ·04	21 ·65	8
29	Sat. 11	9 ·06	22 ·66	9
30	Sun. 12	10 ·03	23 ·66	10
—31	Mon. 13	11 ·00 / 12 ·94	24 ·64	11
1	Tues. 14	13 ·86	25 ·60	12
2	Wed. 15	14 ·78	26 ·55	13
3	Thur. 16	**P** ·68	27 ·49	14
4	Fri. 17	1 ·59	1 ·42	15
5	Sat. 18	2 ·48	2 ·36	16
6	Sun. 19	3 ·39	3 ·29	17
7	Mon. 20	4 ·29	4 ·22	18
8	Tues. 21	5 ·20	5 ·16	19
9	Wed. 22	6 ·14	6 ·11	20
10	Thur. 23	7 ·08	7 ·09	21
11	Fri. 24	8 ·03	8 ·07	22
12	Sat. 25	9 ·01	9 ·07	23
13	Sun. 26	10 ·01	10 ·09	24
14	Mon. 27	11 ·02	11 ·13	25
15	Tues. 28	12 ·05	12 ·19	26
16	Wed. 29	13 ·12	13 ·27	27
17	Thur. 30	14 ·20	14 ·37	28
18	Fri. 31	—**A** ·28	15 ·47	29

Hemalamba. **Kanyā—Puraṭṭāsi.** *Bahula.* **Āśvina.** *Śukla.* **Āśvina.** *Bahula.* **Tulā—Aippaśi.** *H.* 1191 *Śha'bān.* *H.* 1191 *Ramazān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
19	Sat. 1	1 ·36	16 ·59	—30
20	Sun. 2	2 ·45	17 ·68	1
21	Mon. 3	3 ·52	18 ·78	2
22	Tues. 4	4 ·58	19 ·86	3
23	Wed. 5	5 ·63	20 ·92	4
24	Thur. 6	6 ·65	21 ·96	5
25	Fri. 7	7 ·65	22 ·98	6
26	Sat. 8	8 ·62	23 ·99	7
27	Sun. 9	9 ·59	24 ·97	8
28	Mon. 10	10 ·54	25 ·94	9
—29	Tues. 11	11 ·47	26 ·89	10
1	Wed. 12	12 ·38	27 ·83	11
2	Thur. 13	13 ·28	1 ·77	12
3	Fri. 14	14 ·19	2 ·70	13
4	Sat. 15	**P** ·09	3 ·63	14
5	Sun. 16	1 ·00 / 2 ·90	4 ·56	15
6	Mon. 17	3 ·82	5 ·50	16
7	Tues. 18	4 ·75	6 ·46	17
8	Wed. 19	5 ·68	7 ·42	18
9	Thur. 20	6 ·64	8 ·39	19
10	Fri. 21	7 ·62	9 ·39	20
11	Sat. 22	8 ·63	10 ·40	21
12	Sun. 23	9 ·65	11 ·44	22
13	Mon. 24	10 ·68	12 ·50	23
14	Tues. 25	11 ·74	13 ·58	24
15	Wed. 26	12 ·82	14 ·67	25
16	Thur. 27	13 ·91	15 ·77	26
17	Fri. 28	14 ·99	16 ·88	27
18	Sat. 29	... ...	17 ·99	28
19	Sun. 30	—**A** ·07	... ...	—29
	Dec.			
20	Mon. 1	1 ·14	18 ·09	1
21	Tues. 2	2 ·22	19 ·17	2
22	Wed. 3	3 ·26	20 ·23	3
23	Thur. 4	4 ·28	21 ·28	4
24	Fri. 5	5 ·27	22 ·31	5
25	Sat. 6	6 ·25	23 ·32	6
26	Sun. 7	7 ·22	24 ·30	7
27	Mon. 8	8 ·16	25 ·27	8
28	Tues. 9	9 ·09	26 ·22	9
29	Wed. 10	10 ·00 / 11 ·91	27 ·17	10
—30	Thur. 11	12 ·82	1 ·11	11
1	Fri. 12	13 ·71	2 ·04 / 3 ·97	12
2	Sat. 13	14 ·62	4 ·90	13
3	Sun. 14	**P** ·52	5 ·83	14
4	Mon. 15	1 ·44	6 ·79	15
5	Tues. 16	2 ·37	7 ·75	16
6	Wed. 17	3 ·32	8 ·72	17
7	Thur. 18	4 ·28	9 ·71	18
8	Fri. 19	5 ·27	10 ·72	19
9	Sat. 20	6 ·26	11 ·75	20
10	Sun. 21	7 ·28	12 ·81	21
11	Mon. 22	8 ·33	13 ·88	22
12	Tues. 23	9 ·39	14 ·97	23
13	Wed. 24	10 ·47	... ...	24
14	Thur. 25	11 ·56	15 ·07	25
15	Fri. 26	12 ·65	16 ·18	26
16	Sat. 27	13 ·73	17 ·29	27
17	Sun. 28	14 ·80	18 ·39	28
18	Mon. 29	—**A** ·87	19 ·48	29
19	Tues. 30	1 ·90	20 ·54	—30
20	Wed. 31	2 ·93	21 ·60	1

Hemalamba. **Vṛiśchika—Kārttigai.** *Śukla.* **Kārttika.** *Bahula.* **Mārgaśirsha.** *Śukla.* **Mārgaśirsha.** *Bahula.* **Dhanus—Mārgaḷi.** *H.* 1191 *Shawwāl.* *H.* 1191 *Zi-l-ka'da.*

18. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1778. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ☉ **(Surya Sid.) April 10·05.** **Śaka 1700.** **Kaliyuga 4879.**
Lunar Eclipse. ☾ **(Arya Sid.) April 9·95.** **(S. Cycle) Vilamba.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
21	Thur. 1	3 ·92	22 ·63	2
22	Fri. 2	4 ·90	23 ·64	3
23	Sat. 3	5 ·86	24 ·63	4
24	Sun. 4	6 ·81	25 ·60	5
25	Mon. 5	7 ·73	26 ·57	6
26	Tues. 6	8 ·64	27 ·51	7
27	Wed. 7	9 ·56	1 ·45	8
28	Thur. 8	10 ·46	2 ·38	9
—29	Fri. 9	11 ·36	3 ·31	10
1	Sat. 10	12 ·27	4 ·24	11
2	Sun. 11	13 ·18	5 ·18	12
3	Mon. 12	14 ·09	6 ·12	13
4	Tues. 13	P ·02 1 ·97	7 ·08	14
5	Wed. 14	2 ·92	8 ·05	15
6	Thur. 15	3 ·91	9 ·03	16
7	Fri. 16	4 ·94	10 ·05	17
8	Sat. 17	5 ·94	11 ·07	18
9	Sun. 18	6 ·97	12 ·12	19
10	Mon. 19	... ...	13 ·19	20
11	Tues. 20	7 ·04	14 ·27	21
12	Wed. 21	8 ·12	15 ·37	22
13	Thur. 22	9 ·21	16 ·48	23
14	Fri. 23	10 ·30	17 ·59	24
15	Sat. 24	11 ·39	18 ·69	25
16	Sun. 25	12 ·46	19 ·78	26
17	Mon. 26	13 ·51	20 ·86	27
18	Tues. 27	14 ·56	21 ·92	28
19	Wed. 28	—A ·57	22 ·95	29
20	Thur. 29	1 ·56	23 ·96	—30
21	Fri. 30	2 ·54	24 ·95	1
22	Sat. 31	3 ·50	25 ·93	2
	Feb.			
23	Sun. 1	4 ·44	26 ·90	3
24	Mon. 2	5 ·36	27 ·85	4
25	Tues. 3	6 ·28	1 ·78	5
26	Wed. 4	7 ·18	2 ·72	6
27	Thur. 5	8 ·09 9 ·99	3 ·64	7
28	Fri. 6	10 ·89	4 ·58	8
29	Sat. 7	11 ·80	5 ·52	9
—30	Sun. 8	12 ·72	6 ·46	10
1	Mon. 9	13 ·65	7 ·41	11
2	Tues. 10	14 ·60	8 ·38	12
3	Wed. 11	P ·55	9 ·37	13
4	Thur. 12	1 ·54	10 ·37	14
5	Fri. 13	2 ·54	11 ·39	15
6	Sat. 14	3 ·58	12 ·43	16
7	Sun. 15	4 ·61	13 ·49	17
8	Mon. 16	5 ·68	14 ·58	18
9	Tues. 17	6 ·76	15 ·67	19
10	Wed. 18	7 ·85	16 ·78	20
11	Thur. 19	8 ·93	17 ·89	21
12	Fri. 20	... ...	18 ·99	22
13	Sat. 21	9 ·01	... ...	23
14	Sun. 22	10 ·08	19 ·09	24
15	Mon. 23	11 ·14	20 ·17	25
16	Tues. 24	12 ·19	21 ·23	26
17	Wed. 25	13 ·19	22 ·27	27
18	Thur. 26	14 ·19	23 ·28	28
19	Fri. 27	—A ·16	24 ·28	29
20	Sat. 28	1 ·11	25 ·27	—30

Hemalamba. **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.* *H.* 1191 *Zi-l-hijja.*

Hemalamba. **Kumbha—Māsi.** *Sukla.* **Māgha.** *Bahula.* *H.* 1192 *Muharram.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
21	Sun. 1	2 ·05 3 ·98	26 ·23	1
22	Mon. 2	4 ·90	27 ·18	2
23	Tues. 3	5 ·80	1 ·12	3
24	Wed. 4	6 ·71	2 ·05 3 ·99	4
25	Thur. 5	7 ·60	4 ·92	5
26	Fri. 6	8 ·50	5 ·85	6
27	Sat. 7	9 ·41	6 ·79	7
28	Sun. 8	10 ·33	7 ·74	8
29	Mon. 9	11 ·26	8 ·70	9
—30	Tues. 10	12 ·20	9 ·69	10
1	Wed. 11	13 ·17	10 ·69	11
2	Thur. 12	14 ·15	11 ·70	12
3	Fri. 13	P ·15	12 ·74	13
4	Sat. 14	1 ·18	13 ·81	14
5	Sun. 15	2 ·21	14 ·88	15
6	Mon. 16	3 ·28	15 ·97	16
7	Tues. 17	4 ·36	... ...	17
8	Wed. 18	5 ·45	16 ·08	18
9	Thur. 19	6 ·53	17 ·18	19
10	Fri. 20	7 ·63	18 ·29	20
11	Sat. 21	8 ·69	19 ·39	21
12	Sun. 22	9 ·74	20 ·47	22
13	Mon. 23	10 ·78	21 ·54	23
14	Tues. 24	11 ·78	22 ·58	24
15	Wed. 25	12 ·78	23 ·60	25
16	Thur. 26	13 ·74	24 ·61	26
17	Fri. 27	14 ·70	25 ·60	27
18	Sat. 28	—A ·64	26 ·56	28
19	Sun. 29	1 ·57	27 ·52	—29
20	Mon. 30	2 ·48	1 ·46	1
21	Tues. 31	3 ·38	2 ·40	2
	April.			
22	Wed. 1	4 ·27	3 ·33	3
23	Thur. 2	5 ·17	4 ·26	4
24	Fri. 3	6 ·09 7 ·99	5 ·19	5
25	Sat. 4	8 ·91	6 ·13	6
26	Sun. 5	9 ·83	7 ·09	7
27	Mon. 6	10 ·77	8 ·04	8
28	Tues. 7	11 ·74	9 ·02	9
29	Wed. 8	12 ·72	10 ·01	10
—30	Thur. 9	13 ·72	11 ·02	11
1	Fri. 10	14 ·74	12 ·15	12
2	Sat. 11	P ·78	13 ·11	13
3	Sun. 12	1 ·84	14 ·19	14
4	Mon. 13	2 ·92	15 ·28	15
5	Tues. 14	... ...	16 ·38	16
6	Wed. 15	3 ·01	17 ·48	17
7	Thur. 16	4 ·09	18 ·60	18
8	Fri. 17	5 ·18	19 ·70	19
9	Sat. 18	6 ·24	20 ·78	20
10	Sun. 19	7 ·30	21 ·85	21
11	Mon. 20	8 ·33	22 ·90	22
12	Tues. 21	9 ·34	23 ·93	23
13	Wed. 22	10 ·33	24 ·94	24
14	Thur. 23	11 ·29	25 ·92	25
15	Fri. 24	12 ·24	26 ·89	26
16	Sat. 25	13 ·18	27 ·85	27
17	Sun. 26	14 ·11	1 ·80	28
18	Mon. 27	A ·02 1 ·93	2 ·74	29
19	Tues. 28	2 ·82	3 ·67	—30
20	Wed. 29	3 ·72	4 ·60	1
21	Thur. 30	4 ·62	5 ·53	2

Hemalamba. **Mīna—Paṅgu.** *Sukla.* **Phālguna.** *Bahula.* *H.* 1192 *Śafar.*

Vilamba. **Mēsha—Chittirai.** *Sukla.* **Chaitra.** *Bahula.* *H.* 1192 *Rabī-ul awwal.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
22	Fri. 1	5 ·52	6 ·47	3
23	Sat. 2	6 ·44	7 ·42	4
24	Sun. 3	7 ·36	8 ·37	5
25	Mon. 4	8 ·32	9 ·34	6
26	Tues. 5	9 ·27	10 ·31	7
27	Wed. 6	10 ·24	11 ·34	8
28	Thur. 7	11 ·24	12 ·38	9
29	Fri. 8	12 ·27	13 ·42	10
30	Sat. 9	13 ·32	14 ·49	11
—31	Sun. 10	14 ·37	15 ·58	12
1	Mon. 11	P ·44	16 ·68	13
2	Tues. 12	1 ·52	17 ·79	14
3	Wed. 13	2 ·61	18 ·90	15
4	Thur. 14	3 ·69	... ...	16
5	Fri. 15	4 ·76	19 ·00	17
6	Sat. 16	5 ·81	20 ·08	18
7	Sun. 17	6 ·84	21 ·16	19
8	Mon. 18	7 ·85	22 ·22	20
9	Tues. 19	8 ·84	23 ·25	21
10	Wed. 20	9 ·82	24 ·26	22
11	Thur. 21	10 ·76	25 ·25	23
12	Fri. 22	11 ·69	26 ·23	24
13	Sat. 23	12 ·62	27 ·18	25
14	Sun. 24	13 ·53	1 ·13	26
15	Mon. 25	14 ·43	2 ·08	27
16	Tues. 26	—A ·32	3 ·01 4 ·94	28
17	Wed. 27	1 ·23	5 ·87	—29
18	Thur. 28	2 ·12	6 ·81	1
19	Fri. 29	3 ·02 4 ·94	7 ·75	2
20	Sat. 30	5 ·87	8 ·71	3
21	Sun. 31	6 ·81	9 ·67	4
	June.			
22	Mon. 1	7 ·76	10 ·66	5
23	Tues. 2	8 ·75	11 ·67	6
24	Wed. 3	9 ·74	12 ·69	7
25	Thur. 4	10 ·77	13 ·73	8
26	Fri. 5	11 ·80	14 ·80	9
27	Sat. 6	12 ·86	15 ·88	10
28	Sun. 7	13 ·94	16 ·98	11
29	Mon. 8	... ...	... ...	12
30	Tues. 9	14 ·02	17 ·09	13
—31	Wed. 10	P ·10	18 ·19	14
1	Thur. 11	1 ·18	19 ·30	15
2	Fri. 12	2 ·25	20 ·39	16
3	Sat. 13	3 ·29	21 ·47	17
4	Sun. 14	4 ·32	22 ·53	18
5	Mon. 15	5 ·34	23 ·57	19
6	Tues. 16	6 ·32	24 ·58	20
7	Wed. 17	7 ·30	25 ·58	21
8	Thur. 18	8 ·25	26 ·56	22
9	Fri. 19	9 ·20	27 ·53	23
10	Sat. 20	10 ·11	1 ·47	24
11	Sun. 21	11 ·03 12 ·93	2 ·42	25
12	Mon. 22	13 ·82	3 ·35	26
13	Tues. 23	14 ·72	4 ·28	27
14	Wed. 24	—A ·61	5 ·22	28
15	Thur. 25	1 ·52	6 ·15	29
16	Fri. 26	2 ·43	7 ·09	—30
17	Sat. 27	3 ·36	8 ·04	1
18	Sun. 28	4 ·29	9 ·00 10 ·99	2
19	Mon. 29	5 ·24	11 ·09	3
20	Tues. 30	6 ·23	... ...	4

Vilamba. **Vrishabha—Vaigāśi.** *Sukla.* **Vaiśākha.** *Bahula.* *H.* 1192 *Rabī-ul ākhir.*

Vilamba. **Mithuna—Āni.** *Sukla.* **Jyeshṭha.** *Bahula.* *H.* 1192 *Jamāda'l awwal.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1778. **Kollam 954,** { **N. Malabar—Sep.** **Hijra 1192.** **Vikrama 1835.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Jan. 30.** **Bengal San. 1184.**
P—Paurnimā. **(N. Cycle) Saumya.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Wed.	1	7 ·22	12 ·00	5	20	Tues.	1	*Śukla.* 10 ·63	19 ·20	8	19	Sun.	1	12 ·92	25 ·20	10
22	Thur.	2	8 ·24	13 ·04	6	21	Wed.	2	11 ·70	20 ·30	9	20	Mon.	2	13 ·88	26 ·20	11
23	Fri.	3	9 ·28	14 ·10	7	22	Thur.	3	12 ·76	21 ·39	10	21	Tues.	3	14 ·83	27 ·19	12
24	Sat.	4	10 ·34	15 ·19	8	23	Fri.	4	13 ·79	22 ·46	11	22	Wed.	4	**P** ·75	1 ·16	13
25	Sun.	5	11 ·40	16 ·28	9	24	Sat.	5	14 ·81	23 ·51	12	23	Thur.	5	1 ·66	2 ·11	14
26	Mon.	6	12 ·48	17 ·38	10	25	Sun.	6	**P** ·81	24 ·55	13	24	Fri.	6	2 57	3 ·05 4 ·98	15
27	Tues.	7	13 ·57	18 ·49	11	26	Mon.	7	1 ·77	25 ·56	14						
28	Wed.	8	14 ·64	19 ·60	12	27	Tues.	8	2 ·74	26 ·55	15	25	Sat.	7	3 ·47	5 ·91	16
29	Thur.	9	**P** ·72	20 ·70	13	28	Wed.	9	3 ·68	27 ·52	16	26	Sun.	8	4 ·37	6 ·85	17
30	Fri.	10	1 ·77	21 ·78	14	29	Thur.	10	4 ·61	1 ·48	17	27	Mon.	9	5 ·27	7 ·78	18
31	Sat.	11	2 ·80	22 ·84	15	30	Fri.	11	5 ·52	2 ·43	18	28	Tues.	10	6 ·19	8 ·72	19
—32	Sun.	12	3 ·81	23 ·88	16	—31	Sat.	12	6 ·42	3 ·37	19	29	Wed.	11	7 ·11	9 ·67	20
1	Mon.	13	4 ·81	24 ·90	17	1	Sun.	13	7 ·32	4 ·30	20	—30	Thur.	12	8 ·03	10 ·63	21
2	Tues.	14	5 ·78	25 ·90	18	2	Mon.	14	8 ·22	5 ·23	21				9 ·97		
3	Wed.	15	6 ·72	26 ·89	19	3	Tues.	15	9 ·12	6 ·16	22	1	Fri.	13	10 ·92	11 ·61	22
4	Thur.	16	7 ·67	27 ·86	20	4	Wed.	16	10 ·03 11 ·95	7 ·11	23	2	Sat.	14	11 ·91	12 ·61	23
5	Fri.	17	8 ·59	1 ·81	21							3	Sun.	15	12 ·92	13 ·62	24
6	Sat.	18	9 ·50	2 ·75	22	5	Thur.	17	12 ·87	8 ·05	24	4	Mon.	16	13 ·93	14 ·66	25
7	Sun.	19	10 ·40	3 ·69	23					9 ·00		5	Tues.	17	14 ·97	15 ·71	26
8	Mon.	20	11 ·30	4 ·62	24	6	Fri.	18	13 ·81	10 ·97	25	6	Wed.	18	... ...	16 ·80	27
9	Tues.	21	12 ·20	5 ·55	25	7	Sat.	19	14 ·75	11 ·95	26	7	Thur.	19	—**A** ·04	17 ·89	28
10	Wed.	22	13 ·10	6 ·49	26	8	Sun.	20	—**A** ·73	12 ·97	27	8	Fri.	20	1 ·12	18 ·99	—29
11	Thur.	23	14 ·01 **A** ·91	7 ·42	27	9	Mon.	21	1 ·73	13 ·99	28	9	Sat.	21	2 ·20	... ...	1
12	Fri.	24	1 ·83	8 ·37	28	10	Tues.	22	2 ·74	... ...	—29	10	Sun.	22	3 ·29	19 ·10	2
13	Sat.	25	2 ·77	9 ·34	—29	11	Wed.	23	3 ·79	14 ·04	1	11	Mon.	23	4 ·37	20 ·20	3
14	Sun.	26	3 ·73	10 ·32	1	12	Thur.	24	4 ·84	15 ·10	2	12	Tues.	24	5 ·45	21 ·31	4
15	Mon.	27	4 ·71	11 ·31	2	13	Fri.	25	5 ·91	16 ·18	3	13	Wed.	25	6 ·50	22 ·39	5
16	Tues.	28	5 ·69	12 ·32	3	14	Sat.	26	6 ·99	17 ·28	4	14	Thur.	26	7 ·55	23 ·46	6
17	Wed.	29	6 ·72	13 ·36	4	15	Sun.	27	... ...	18 ·39	5	15	Fri.	27	8 ·57	24 ·50	7
18	Thur.	30	7 ·75	14 ·42	5	16	Mon.	28	7 ·08	19 ·50	6	16	Sat.	28	9 ·56	25 ·52	8
19	Fri.	31	8 ·80	15 ·49	6	17	Tues.	29	8 ·16	20 ·60	7	17	Sun.	29	10 ·54	26 ·54	9
	Aug.						**Oct.**						**Dec.**				
20	Sat.	1	9 ·87	16 ·58	7	18	Wed.	30	9 ·24	21 ·69	8	18	Mon.	30	11 ·49	27 ·52	10
21	Sun.	2	10 ·96	17 ·68	8	19	Thur.	1	10 ·30	22 ·77	9	19	Tues.	1	12 ·44	1 ·49	11
22	Mon.	3	... ...	18 ·79	9	20	Fri.	2	11 ·33	23 ·83	10	20	Wed.	2	13 ·37	2 ·44	12
23	Tues.	4	11 ·04	19 ·90	10	21	Sat.	3	12 ·35	24 ·87	11	21	Thur.	3	14 ·29	3 ·38	13
24	Wed.	5	12 ·13	... ...	11	22	Sun.	4	13 ·35	25 ·88	12	22	Fri.○	4	**P** ·19	4 ·32	14
25	Thur.	6	13 ·19	20 ·00	12	23	Mon.	5	14 ·33	26 ·88	13	23	Sat.	5	1 ·10	5 ·26	15
26	Fri.	7	14 ·24	21 ·09	13	24	Tues.	6	**P** ·30	27 ·85	14	24	Sun.	6	2 ·00 3 ·90	6 ·19	16
27	Sat.	8	**P** ·29	22 ·15	14	25	Wed.	7	1 ·23	1 ·82	15						
28	Sun.	9	1 ·30	23 ·20	15	26	Thur.	8	2 ·16	2 ·77	16	25	Mon.	7	4 ·81	7 ·12	17
29	Mon.	10	2 ·29	24 ·22	16	27	Fri.	9	3 ·06 4 ·97	3 ·71	17	26	Tues.	8	5 ·73	8 ·05 9 ·00	18
30	Tues.	11	3 ·26	25 ·24	17	28	Sat.	10	5 ·88	4 ·64	18	27	Wed.	9	6 ·66	10 ·97	19
—31	Wed.	12	4 ·22	26 ·22	18	29	Sun.	11	6 ·79	5 ·57	19	28	Thur.	10	7 ·60	11 ·94	20
1	Thur.	13	5 ·17	27 ·19	19	30	Mon.	12	7 ·68	6 ·51	20	—29	Fri.	11	8 ·56	12 ·93	21
2	Fri.	14	6 ·09	1 ·15	20	—31	Tues.	13	8 ·58	7 ·44	21	1	Sat.	12	9 ·55	13 ·94	22
3	Sat.	15	7 ·00 8 ·90	2 ·09	21	1	Wed.	14	9 ·50	8 ·38	22	2	Sun.	13	10 ·54	14 ·97	23
4	Sun.	16	9 ·80	3 ·03 4 ·96	22	2	Thur.	15	10 ·43	9 ·33	23	3	Mon.	14	11 ·57	... ...	24
5	Mon.	17	10 ·70	5 ·89	23	3	Fri.	16	11 ·38	10 ·30	24	4	Tues.	15	12 ·62	15 ·08	25
6	Tues.	18	11 ·60	6 ·82	24	4	Sat.	17	12 ·33	11 ·28	25	5	Wed.	16	13 ·69	16 ·10	26
7	Wed.	19	12 ·50	7 ·76	25	5	Sun.	18	13 ·31	12 ·29	26	6	Thur.	17	14 ·76	17 ·19	27
8	Thur.	20	13 ·41	8 ·71	26	6	Mon.	19	14 ·30	13 ·31	27	7	Fri.	18	—**A** ·86	18 ·29	28
9	Fri.	21	14 ·34	9 ·67	27	7	Tues.	20	—**A** ·31	14 ·35	28	8	Sat.	19	1 ·94	19 ·39	29
10	Sat.	22	—**A** ·28	10 ·64	28	8	Wed.	21	1 ·36	15 ·41	29	9	Sun.	20	... ...	20 ·51	—30
11	Sun.	23	1 ·23	11 ·63	29	9	Thur.	22	2 ·42	16 ·48	—30	10	Mon.	21	2 ·01	21 ·61	1
12	Mon.	24	2 ·20	12 ·64	—30	10	Fri.	23	3 ·49	17 ·58	1	11	Tues.	22	3 ·09	22 ·70	2
13	Tues.	25	3 ·20	13 ·68	1	11	Sat.	24	4 ·57	18 ·69	2	12	Wed.	23	4 ·15	23 ·76	3
14	Wed.	26	4 ·21	14 ·73	2	12	Sun.	25	5 ·66	19 ·80	3	13	Thur.	24	5 ·19	24 ·81	4
15	Thur.	27	5 ·26	15 ·80	3	13	Mon.	26	6 ·75	20 ·90	4	14	Fri.	25	6 ·20	25 ·84	5
16	Fri.	28	6 ·31	16 ·88	4	14	Tues.	27	7 ·83	... ...	5	15	Sat.	26	7 ·21	26 ·86	6
17	Sat.	29	7 ·38	17 ·98	5	15	Wed.	28	8 ·88	21 ·00	6	16	Sun.	27	8 ·18	27 ·85	7
18	Sun.	30	8 ·45	... ...	6	16	Thur.	29	9 ·92	22 ·08	7	17	Mon.	28	9 ·14	1 ·82	8
19	Mon.	31	9 ·53	18 ·09	7	17	Fri.	30	10 ·95	23 ·14	8	18	Tues.	29	10 ·09	2 ·77	9
						18	Sat.	31	11 ·94	24 ·18	9	19	Wed.	30	11 ·00 12 ·92	3 ·72	10
												20	Thur.	31	13 ·83	4 ·67	11

Vilamba. **Karkataka—Ādi.** *Śukla.* **Āshādha.** *Bahula.* *H.* 1192 *Jamādu'l akhir.*

Vilamba. **Kanyā—Purattāsi.** *Śukla.* *Bahula.* *H.* 1192 *Rajab.*

Vilamba. **Siṁha—Āvani.** *Śukla.* **Śrāvaṇa.** *Bahula.* *H.* 1192 *Sha'bān.*

Vilamba. **Tulā—Aippasi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 1192 *Ramazān.*

Vilamba. **Vṛiśchika—Kārttigai.** *Śukla.* **Āśvina.** *Bahula.* *H.* 1192 *Shawwāl.*

Vilamba. **Dhanus—Mārgaḷi.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1192 *Zi-l-ka'da.*

Vilamba. **Makara—Tai.** *Śukla.* **Mārgasīrsha.** *Bahula.* *H.* 1192 *Zi-l-ḥijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1779. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·31.** **Śaka 1701.** **Kaliyuga 4880.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·21.** **(S. Cycle) Vikārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Fri.	1	14 ·74	5 ·60	12	21	Mon.	1	11 ·62	9 ·01 } 10 ·96 }	12	22	Sat.	1	1 ·59	16 ·64	14
22	Sat.	2	**P** ·63	6 ·52	13							23	Sun.	2	2 ·63	17 ·71	15
23	Sun.	3	1 ·54	7 ·45	14	22	Tues.	2	**P** ·55	11 ·92	13	24	Mon.	3	3 ·70	18 ·80	16
24	Mon.	4	2 ·45	8 ·39	15	23	Wed.	3	1 ·50	12 ·91	14	25	Tues.	4	4 ·77	19 ·89	17
25	Tues.	5	3 ·36	9 ·34	16	24	Thur.	4	2 ·46	13 ·91	15	26	Wed.	5	5 ·86	... ...	18
26	Wed.	6	4 ·30	10 ·30	17	25	Fri.	5	3 ·45	14 ·92	16	27	Thur.	6	6 ·93	20 ·00	19
27	Thur.	7	5 ·25	11 ·27	18	26	Sat.	6	4 ·44	15 ·96	17	28	Fri.	7	... ...	21 ·12	20
28	Fri.	8	6 ·21	12 ·25	19	27	Sun.	7	5 ·47	... ...	18	29	Sat.	8	7 ·01	22 ·22	21
29	Sat.	9	7 ·19	13 ·26	20	28	Mon.	8	6 ·53	16 ·02	19	30	Sun.	9	8 ·08	23 ·31	22
30	Sun.	10	8 ·20	14 ·29	21	29	Tues.	9	7 ·59	17 ·09	20	31	Mon.	10	9 ·13	24 ·38	23
1	Mon.	11	9 ·22	15 ·34	22	30	Wed.	10	8 ·67	18 ·20	21	1	Tues.	11	10 ·17	25 ·43	24
2	Tues.	12	10 ·26	16 ·41	23	1	Thur.	11	9 ·76	19 ·30	22	2	Wed.	12	11 ·17	26 ·47	25
3	Wed.	13	11 ·33	17 ·49	24	2	Fri.	12	10 ·85	20 ·41	23	3	Thur.	13	12 ·16	27 ·48	26
4	Thur.	14	12 ·41	18 ·59	25	3	Sat.	13	11 ·93	21 ·51	24	4	Fri.	14	13 ·13	1 ·47	27
5	Fri.	15	13 ·50	19 ·70	26	4	Sun.	14	12 ·98	22 ·60	25	5	Sat.	15	14 ·07	2 ·44	28
6	Sat.	16	14 ·59	20 ·81	27	5	Mon.	15	... ...	23 ·70	26	6	Sun.	16	**A** ·01 1 ·92 }	3 ·40	29
7	Sun.	17	**A** ·68	21 ·91	28	6	Tues.	16	13 ·04	24 ·76	27	7	Mon.	17	2 ·84	4 ·35	1
8	Mon.	18	1 ·74	... ...	29	7	Wed.	17	14 ·07	25 ·80	28	8	Tues.	18	3 ·74	5 ·30	2
9	Tues.	19	2 ·80	22 ·00	1	8	Thur.	18	**A** ·08	26 ·82	29	9	Wed.	19	4 ·65	6 ·23	3
10	Wed.	20	3 ·84	23 ·07	2	9	Fri.	19	1 ·07	27 ·82	1	10	Thur.	20	5 ·54	7 ·16	4
11	Thur.	21	4 ·85	24 ·13	3	10	Sat.	20	2 ·04	1 ·82	2	11	Fri.	21	6 ·43	8 ·09	5
12	Fri.	22	5 ·85	25 ·17	4	11	Sun.	21	3 ·00 } 4 ·94 }	2 ·78	3	12	Sat.	22	7 ·34	9 ·02 } 10 ·97 }	6
13	Sat.	23	6 ·82	26 ·18	5	12	Mon.	22	5 ·86	3 ·74	4						
14	Sun.	24	7 ·79	27 ·17	6	13	Tues.	23	6 ·77	4 ·68	5	13	Sun.	23	8 ·25	11 ·93	7
15	Mon.	25	8 ·72	1 ·15	7	14	Wed.	24	7 ·68	5 ·61	6	14	Mon.	24	9 ·18	12 ·89	8
16	Tues.	26	9 ·64	2 ·11	8	15	Thur.	25	8 ·57	6 ·55	7	15	Tues.	25	10 ·12	13 ·88	9
17	Wed.	27	10 ·56	3 ·07	9	16	Fri.	26	9 ·47	7 ·48	8	16	Wed.	26	11 ·09	14 ·88	10
18	Thur.	28	11 ·46	4 ·00 } 5 ·93 }	10	17	Sat.	27	10 ·38	8 ·41	9	17	Thur.	27	12 ·07	15 ·91	11
19	Fri.	29	12 ·37	6 ·86	11	18	Sun.	28	11 ·29	9 ·35	10	18	Fri.	28	13 ·07	16 ·95	12
20	Sat.	30	13 ·27	7 ·79	12	19	Mon.	29	12 ·20	10 ·29	11	19	Sat.	29	14 ·08	... ...	13
21	Sun.	31	14 ·18	8 ·74	13	20	Tues.	30	13 ·13	11 ·25	12	20	Sun.○	30	**P** ·13	17 ·02	14
	Feb.					21	Wed.	31	14 ·08	12 ·24	13	21	Mon.	31	1 ·20	18 ·10	15
22	Mon.	1	**P** ·08	9 ·68	14		**April.**						**June.**				
23	Tues.	2	1 ·00 } 2 ·94 }	10 ·63	15	22	Thur.	1	**P** ·04	13 ·23	14	22	Tues.	1	2 ·26	19 ·19	16
24	Wed.	3	3 ·89	11 ·60	16	23	Fri.	2	1 ·03	14 ·24	15	23	Wed.	2	3 ·35	20 ·31	17
25	Thur.	4	4 ·85	12 ·58	17	24	Sat.	3	2 ·02	15 ·27	16	24	Thur.	3	4 ·43	21 ·41	18
26	Fri.	5	5 ·83	13 ·68	18	25	Sun.	4	3 ·06	16 ·32	17	25	Fri.	4	5 ·52	22 ·52	19
27	Sat.	6	6 ·83	14 ·61	19	26	Mon.	5	4 ·10	17 ·40	18	26	Sat.	5	6 ·57	23 ·61	20
28	Sun.	7	7 ·87	15 ·65	20	27	Tues.	6	5 ·16	18 ·50	19	27	Sun.	6	7 ·62	24 ·68	21
29	Mon.	8	8 ·92	16 ·71	21	28	Wed.	7	6 ·25	19 ·60	20	28	Mon.	7	8 ·66	25 ·74	22
1	Tues.	9	9 ·98	17 ·79	22	29	Thur.	8	7 ·33	20 ·70	21	29	Tues.	8	9 ·66	26 ·79	23
2	Wed.	10	... ...	18 ·89	23	30	Fri.	9	8 ·42	21 ·81	22	30	Wed.	9	10 ·65	27 ·80	24
3	Thur.	11	10 ·06	19 ·99	24	1	Sat.	10	9 ·49	22 ·92	23	31	Thur.	10	11 ·62	1 ·80	25
4	Fri.	12	11 ·14	... ...	25	2	Sun.	11	10 ·55	... ...	24	32	Fri.	11	12 ·58	2 ·77	26
5	Sat.	13	12 ·22	20 ·11	26	3	Mon.	12	11 ·60	23 ·00	25	1	Sat.	12	13 ·50	3 ·74	27
6	Sun.	14	13 ·31	21 ·21	27	4	Tues.	13	12 ·64	24 ·07	26	2	Sun.	13	14 ·43	4 ·70	28
7	Mon.	15	14 ·38	22 ·30	28	5	Wed.	14	13 ·64	25 ·12	27	3	Mon.	14	**A** ·34	5 ·64	29
8	Tues.	16	**A** ·44	23 ·38	29	6	Thur.	15	14 ·63	26 ·14	28	4	Tues.	15	1 ·24	6 ·57	30
9	Wed.	17	1 ·47	24 ·45	30	7	Fri.	16	**A** ·60	27 ·16	29	5	Wed.	16	2 ·13	7 ·50	1
10	Thur.	18	2 ·49	25 ·49	1	8	Sat.	17	1 ·55	1 ·14	30	6	Thur.	17	3 ·03 4 ·94 }	8 ·43	2
11	Fri.	19	3 ·48	26 ·50	2	9	Sun.	18	2 ·49	2 ·11	1						
12	Sat.	20	4 ·45	27 ·50	3	10	Mon.	19	3 ·41	3 ·07	2	7	Fri.	18	5 ·84	9 ·36	3
13	Sun.	21	5 ·40	1 ·48	4	11	Tues.	20	4 ·33	4 ·01 } 5 ·96 }	3	8	Sat.	19	6 ·75	10 ·31	4
14	Mon.	22	6 ·33	2 ·45	5	12	Wed.	21	5 ·23	6 ·89	4	9	Sun	20	7 ·68	11 ·26	5
15	Tues.	23	7 ·26	3 ·40	6	13	Thur.	22	6 ·13	7 ·82	5	10	Mon.	21	8 ·61	12 ·22	6
16	Wed.	24	8 ·18	4 ·34	7	14	Fri.	23	7 ·02 8 ·92 }	8 ·75	6	11	Tues.	22	9 ·57	13 ·20	7
17	Thur.	25	9 ·09 10 ·99 }	5 ·27	8	15	Sat.	24	9 ·83	9 ·68	7	12	Wed.	23	10 ·55	14 ·21	8
18	Fri.	26	11 ·88	6 ·20	9	16	Sun.	25	10 ·74	10 ·63	8	13	Thur.	24	11 ·56	15 ·22	9
19	Sat.	27	12 ·79	7 ·14	10	17	Mon.	26	11 ·68	11 ·59	9	14	Fri.	25	12 ·56	16 ·26	10
20	Sun.	28	13 ·67	8 ·07	11	18	Tues.	27	12 ·62	12 ·56	10	15	Sat.	26	13 ·61	17 ·32	11
						19	Wed.	28	13 ·58	13 ·55	11	16	Sun.	27	14 ·67	18 ·40	12
						20	Thur.	29	14 ·57	14 ·56	12	17	Mon.	28	**P** ·73	19 ·50	13
						21	Fri.	30	**P** ·55	15 ·59	13	18	Tues.	29	1 ·81	20 ·61	14
												19	Wed.	30	2 ·90	21 ·71	15

Vilamba. **Makara—Tai.** *Bahula.* *Sukla.* *Bahula.* *Vilamba.* **Kumbha—Māśi.** *Sukla.* *Bahula.* *H.* 1192 *Zi-l-ḥijja.* *H.* 1193 *Muharram.* *H.* 1193 *Śafar.* *Vilamta.* **Mīna—Pānguni.** *Sukla.* *Bahula.* *Vikārin.* **Mēsha—Chittirai.** *Sukla.* *Bahula.* *H.* 1193 *Rabī-ul awwal.* *H.* 1193 *Rabī-ul ākhir.* *Vikārin.* **Vrishabha—Vaigāśi.** *Sukla.* *Bahula.* *H.* 1193 *Jamādā'l awwal.* *H.* 1193 *Jamāda'l ākhir.* *Vikārin.* **Mithuna—Āni.** *Sukla.* *Bahula.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1779. **Kollam 955,** { **N. Malabar—Sep.** **Hijra 1193.** **Vikrama 1836.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Jan. 19.** **Bengal San. 1185.**
P—Paurnimā. **(N. Cycle) Śādhāraṇa.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.			
20	Thur. 1	3 ·99	22 ·82	16
21	Fri. 2	... ...	23 ·91	17
22	Sat. 3	4 ·05	24 ·99	18
23	Sun. 4	5 ·10	... ...	19
24	Mon. 5	6 ·14	25 ·05	20
25	Tues. 6	7 ·14	26 ·10	21
26	Wed. 7	8 ·13	27 ·12	22
27	Thur. 8	9 ·10	1 ·12	23
28	Fri. 9	10 ·05 11 ·98	2 ·10	24
29	Sat. 10	12 ·91	3 ·08	25
30	Sun. 11	13 ·81	4 ·03 5 ·97	26
31	Mon. 12	14 ·72	6 ·90	27
1	Tues. 13	A ·61	7 ·83	28
2	Wed. 14	1 ·50	8 ·77	29
3	Thur. 15	2 ·41	9 ·70	1
4	Fri. 16	3 ·31	10 ·64	2
5	Sat. 17	4 ·23	11 ·59	3
6	Sun. 18	5 ·15	12 ·55	4
7	Mon. 19	6 ·09	13 ·54	5
8	Tues. 20	7 ·05	14 ·53	6
9	Wed. 21	8 ·03	15 ·54	7
10	Thur. 22	9 ·03	16 ·57	8
11	Fri. 23	10 ·04	17 ·63	9
12	Sat. 24	11 ·09	18 ·70	10
13	Sun. 25	12 ·18	19 ·80	11
14	Mon. 26	13 ·21	20 ·90	12
15	Tues. 27	14 ·29	... ...	13
16	Wed. 28	P ·38	21 ·01	14
17	Thur. 29	1 ·45	22 ·12	15
18	Fri. 30	2 ·52	23 ·21	16
19	Sat. 31	3 ·58	24 ·31	17
	Aug.			
20	Sun. 1	4 ·61	25 ·37	18
21	Mon. 2	5 ·63	26 ·42	19
22	Tues. 3	6 ·61	27 ·44	20
23	Wed. 4	7 ·59	1 ·45	21
24	Thur. 5	8 ·53	2 ·44	22
25	Fri. 6	9 ·47	3 ·41	23
26	Sat. 7	10 ·40	4 ·37	24
27	Sun. 8	11 ·31	5 ·31	25
28	Mon. 9	12 ·21	6 ·24	26
29	Tues. 10	13 ·10	7 ·18	27
30	Wed. 11	14 ·01 A ·91	8 ·11	28
31	Thur. 12	1 ·81	9 ·04 10 ·98	29
32	Fri. 13	2 ·72	11 ·92	30
1	Sat. 14	3 ·64	12 ·89	1
2	Sun. 15	4 ·58	13 ·86	2
3	Mon. 16	5 ·54	14 ·86	3
4	Tues. 17	6 ·53	15 ·86	4
5	Wed. 18	7 ·53	16 ·89	5
6	Thur. 19	8 ·53	17 ·94	6
7	Fri. 20	9 ·57	... ...	7
8	Sat. 21	10 ·63	18 ·02	8
9	Sun. 22	11 ·71	19 ·10	9
10	Mon. 23	12 ·79	20 ·20	10
11	Tues. 24	13 ·86	21 ·30	11
12	Wed. 25	14 ·95	22 ·41	12
13	Thur. 26	... ...	23 ·52	13
14	Fri. 27	P ·03	24 ·61	14
15	Sat. 28	1 ·08	25 ·68	15
16	Sun. 29			16
17	Mon. 30			17
18	Tues. 31			18

Vikārin. **Karkataka—Ādi.** *Sukla.* *Bahula.* **Āsh.** **Śrāvaṇa.** **Adhika Śrāvaṇa.** *Bahula.* *Sukla.* **Bhādrapada.** *Bahula.* *H.* 1193 *Jamāda'l ākhir.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Sep.			
19	Wed. 1	5 ·09	2 ·77	19
20	Thur. 2	6 ·05 7 ·99	3 ·74	20
21	Fri. 3	8 ·91	4 ·68	21
22	Sat. 4	9 ·83	5 ·64	22
23	Sun. 5	10 ·73	6 ·59	23
24	Mon. 6	11 ·62	7 ·52	24
25	Tues. 7	12 ·52	8 ·45	25
26	Wed. 8	13 ·41	9 ·38	26
27	Thur. 9	14 ·33	10 ·31	27
28	Fri. 10	A ·24	11 ·26	28
29	Sat. 11	1 ·17	12 ·22	29
30	Sun. 12	2 ·11	13 ·19	1
31	Mon. 13	3 ·06	14 ·17	2
1	Tues. 14	4 ·05	15 ·18	3
2	Wed. 15	5 ·05	16 ·20	4
3	Thur. 16	6 ·06	17 ·26	5
4	Fri. 17	7 ·10	18 ·32	6
5	Sat. 18	8 ·16	19 ·40	7
6	Sun. 19	9 ·22	20 ·50	8
7	Mon. 20	10 ·30	21 ·61	9
8	Tues. 21	11 ·39	22 ·72	10
9	Wed. 22	12 ·47	23 ·82	11
10	Thur. 23	13 ·56	24 ·91	12
11	Fri. 24	14 ·61	25 ·99	13
12	Sat. 25	P ·65	... ...	14
13	Sun. 26	1 ·67	26 ·04	15
14	Mon. 27	2 ·66	27 ·09	16
15	Tues. 28	3 ·63	1 ·10	17
16	Wed. 29	4 ·60	2 ·10	18
17	Thur. 30	5 ·53	3 ·07	19
	Oct.			
18	Fri. 1	6 ·45	4 ·03 5 ·99	20
19	Sat. 2	7 ·37	6 ·93	21
20	Sun. 3	8 ·27	7 ·86	22
21	Mon. 4	9 ·18	8 ·79	23
22	Tues. 5	10 ·08 11 ·97	9 ·72	24
23	Wed. 6	12 ·88	10 ·65	25
24	Thur. 7	13 ·79	11 ·60	26
25	Fri. 8	14 ·72	12 ·55	27
26	Sat. 9	A ·67	13 ·52	28
27	Sun. 10	1 ·63	14 ·50	29
28	Mon. 11	2 ·61	15 ·50	30
29	Tues. 12	3 ·61	16 ·53	1
30	Wed. 13	4 ·63	17 ·57	2
31	Thur. 14	5 ·66	18 ·63	3
1	Fri. 15	6 ·72	19 ·71	4
2	Sat. 16	7 ·79	20 ·80	5
3	Sun. 17	8 ·88	21 ·91	6
4	Mon. 18	9 ·97	... ...	7
5	Tues. 19	... ...	22 ·02	8
6	Wed. 20	10 ·05	23 ·12	9
7	Thur. 21	11 ·13	24 ·22	10
8	Fri. 22	12 ·18	25 ·30	11
9	Sat. 23	13 ·23	26 ·36	12
10	Sun. 24	14 ·25	27 ·40	13
11	Mon. 25	P ·24	1 ·42	14
12	Tues. 26	1 ·21	2 ·42	15
13	Wed. 27	2 ·18	3 ·40	16
14	Thur. 28	3 ·11	4 ·36	17
15	Fri. 29	4 ·03 5 ·95	5 ·33	18
16	Sat. 30	6 ·86	6 ·27	19
17	Sun. 31	7 ·76	7 ·20	20

Vikārin. **Kanyā—Purattāśi.** *Sukla.* *Bahula.* **Āśvina.** **Tulā—Aippaśi.** *Sukla.* *Bahula.* *H.* 1193 *Ramazān.* *H.* 1193 *Shawwāl.* *H.* 1193 *Śha'bān.*

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Nov.			
19	Mon. 1	8 ·66	8 ·13	21
20	Tues. 2	9 ·56	9 ·06 10 ·00	22
21	Wed. 3	10 ·47	11 ·94	23
22	Thur. 4	11 ·38	12 ·89	24
23	Fri. 5	12 ·32	13 ·85	25
24	Sat. 6	13 ·25	14 ·82	26
25	Sun. 7	14 ·22	15 ·83	27
26	Mon. 8	A ·20	16 ·84	28
27	Tues. 9	1 ·21	17 ·88	29
28	Wed. 10	2 ·23	18 ·93	1
29	Thur. 11	3 ·28	... ...	2
30	Fri. 12	4 ·33	19 ·01	3
1	Sat. 13	5 ·40	20 ·11	4
2	Sun. 14	6 ·49	21 ·21	5
3	Mon. 15	7 ·59	22 ·32	6
4	Tues. 16	8 ·67	23 ·42	7
5	Wed. 17	9 ·74	24 ·52	8
6	Thur. 18	10 ·80	25 ·61	9
7	Fri. 19	11 ·85	26 ·68	10
8	Sat. 20	12 ·86	27 ·72	11
9	Sun. 21	13 ·85	1 ·74	12
10	Mon. 22	14 ·82	2 ·75	13
11	Tues. ○ 23	P ·79	3 ·73	14
12	Wed. 24	1 ·73	4 ·71	15
13	Thur. 25	2 ·66	5 ·66	16
14	Fri. 26	3 ·57	6 ·60	17
15	Sat. 27	4 ·49	7 ·54	18
16	Sun. 28	5 ·38	8 ·47	19
17	Mon. 29	6 ·28	9 ·41	20
18	Tues. 30	7 ·18	10 ·34	21
	Dec.			
19	Wed. 1	8 ·10	11 ·27	22
20	Thur. 2	9 ·01 10 ·93	12 ·22	23
21	Fri. 3	11 ·88	13 ·18	24
22	Sat. 4	12 ·85	14 ·16	25
23	Sun. 5	13 ·83	15 ·15	26
24	Mon. 6	14 ·84	16 ·16	27
25	Tues. 7	A ·87	17 ·19	28
26	Wed. 8	1 ·92	18 ·24	29
27	Thur. 9	2 ·91	19 ·32	30
28	Fri. 10	... ...	20 ·41	1
29	Sat. 11	3 ·05	21 ·51	2
30	Sun. 12	4 ·15	22 ·62	3
1	Mon. 13	5 ·23	23 ·72	4
2	Tues. 14	6 ·31	24 ·82	5
3	Wed. 15	7 ·39	25 ·90	6
4	Thur. 16	8 ·45	26 ·98	7
5	Fri. 17	9 ·48	... ...	8
6	Sat. 18	10 ·51	27 ·03	9
7	Sun. 19	11 ·49	1 ·06	10
8	Mon. 20	12 ·47	2 ·07	11
9	Tues. 21	13 ·42	3 ·07	12
10	Wed. 22	14 ·36	4 ·04 5 ·99	13
11	Thur. 23	P ·29	6 ·94	14
12	Fri. 24	1 ·20	7 ·87	15
13	Sat. 25	2 ·10	8 ·82	16
14	Sun. 26	3 ·01 4 ·92	9 ·74	17
15	Mon. 27	5 ·82	10 ·67	18
16	Tues. 28	6 ·73	11 ·61	19
17	Wed. 29	7 ·65	12 ·55	20
18	Thur. 30	8 ·57	13 ·52	21
19	Fri. 31	9 ·53	14 ·49	22

Vikārin. **Simha—Āvaṇi.** **Dhanus—Mārgaḷi.** *Bahula.* *Sukla.* **Kārttika.** **Mārgaśirsha.** *Bahula.* *Sukla.* **Vṛiśchika—Karttigai.** *H.* 1193 *Shawwāl.* *H.* 1193 *Zi-l-ka'da.* *H.* 1193 *Zi-l-hijja.*

13. Hasta. 14. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1780. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·57.** **Śaka 1702.** **Kaliyuga 4881.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·47.** **(S. Cycle) Śārvari.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
20	Sat.	1	10 ·49	15 ·47	23	22	Wed.	1	11 ·90	20 ·31	24	23	Mon.	1	12 ·40	26 ·53	26
21	Sun.	2	11 ·48	16 ·48	24	23	Thur.	2	12 ·98	21 ·41	25	24	Tues.	2	13 ·46	27 ·59	27
22	Mon.	3	12 ·48	17 ·50	25	24	Fri.	3	... ...	22 ·52	26	25	Wed.	3	14 ·49	1 ·65	28
23	Tues.	4	13 ·51	18 ·55	26	25	Sat.	4	13 ·07	23 ·63	27	26	Thur.	4	—**A** ·50	2 ·68	—29
24	Wed.	5	14 ·56	19 ·63	27	26	Sun.	5	14 ·15	24 ·73	28	27	Fri.	5	1 ·48	3 ·69	1
25	Thur.	6	—**A** ·62	20 ·71	28	27	Mon.	6	**A** ·22	25 ·83	—29	28	Sat.	6	2 ·44	4 ·69	2
26	Fri.	7	1 ·70	21 ·81	—29	28	Tues.	7	1 ·29	26 ·91	1	29	Sun.	7	3 ·39	5 ·66	3
27	Sat.	8	2 ·79	22 ·91	1	29	Wed.	8	2 ·35	27 ·98	2	30	Mon.	8	4 ·32	6 ·62	4
28	Sun.	9	3 ·88	... ...	2	—30	Thur.	9	3 ·39	... ...	3	—31	Tues.	9	5 ·25	7 ·57	5
—29	Mon.	10	4 ·96	23 ·02	3	1	Fri.	10	4 ·39	1 ·02	4	1	Wed.	10	6 ·15	8 ·51	6
1	Tues.	11	... ...	24 ·13	4	2	Sat.	11	5 ·38	2 ·04	5	2	Thur.	11	7 ·05	9 ·45	7
2	Wed.	12	5 ·04	25 ·22	5	3	Sun.	12	6 ·34	3 ·04	6				8 ·95		
3	Thur.	13	6 ·09	26 ·29	6				*Śukla.*	4 ·03		3	Fri.	12	9 ·85	10 ·38	8
4	Fri.	14	7 ·13	27 ·35	7	4	Mon.	13	7 ·30	5 ·99	7	4	Sat.	13	10 ·75	11 ·31	9
5	Sat.	15	8 ·15	1 ·38	8	5	Tues.	14	8 ·23	6 ·96	8	5	Sun.	14	11 ·65	12 ·24	10
6	Sun.	16	9 ·13	2 ·40	9	6	Wed.	15	9 ·15	7 ·90	9	6	Mon.	15	12 ·57	13 ·18	11
7	Mon.	17	10 ·11	3 ·39	10	7	Thur.	16	10 ·06	8 ·83	10	7	Tues.	16	13 ·49	14 ·15	12
8	Tues.	18	11 ·07	4 ·37	11				11 ·96			8	Wed.	17	14 ·45	15 ·11	13
			12 ·01			8	Fri.	17	12 ·87	9 ·76	11	9	Thur. ○	18	**P** ·41	16 ·10	14
9	Wed.	19	13 ·93	5 ·33	12	9	Sat.	18	13 ·77	10 ·69	12	10	Fri.	19	1 ·40	17 ·10	15
10	Thur.	20	14 ·83	6 ·28	13	10	Sun.	19	14 ·68	11 ·63	13	11	Sat.	20	2 ·39	18 ·12	16
11	Fri.	21	**P** ·74	7 ·22	14	11	Mon.	20	**P** ·58	12 ·57	14	12	Sun.	21	3 ·42	19 ·17	17
12	Sat.	22	1 ·64	8 ·15	15	12	Tues.	21	1 ·50	13 ·51	15	13	Mon.	22	4 ·47	20 ·24	18
13	Sun.	23	2 ·54	9 ·08	16	13	Wed.	22	2 ·43	14 ·47	16	14	Tues.	23	5 ·53	21 ·32	19
				10 ·01		14	Thur.	23	3 ·38	15 ·45	17	15	Wed.	24	6 ·60	22 ·41	20
14	Mon.	24	3 ·45	11 ·95	17	15	Fri.	24	4 ·35	16 ·45	18	16	Thur.	25	7 ·68	23 ·52	21
15	Tues.	25	4 ·37	12 ·90	18	16	Sat.	25	5 ·33	17 ·46	19	17	Fri.	26	8 ·77	24 ·63	22
16	Wed.	26	5 ·29	13 ·85	19	17	Sun.	26	6 ·34	18 ·49	20	18	Sat.	27	9 ·85	25 ·74	23
17	Thur.	27	6 ·22	14 ·81	20	18	Mon.	27	7 ·37	19 ·55	21	19	Sun.	28	10 ·91	26 ·83	24
18	Fri.	28	7 ·17	15 ·80	21	19	Tues.	28	8 ·41	20 ·62	22	20	Mon.	29	11 ·96	27 ·90	25
19	Sat.	29	8 ·13	16 ·80	22	20	Wed.	29	9 ·48	21 ·72	23	21	Tues.	30	12 ·98	1 ·96	26
20	Sun.	30	9 ·12	17 ·82	23	21	Thur.	30	10 ·56	22 ·82	24	22	Wed.	31	13 ·99	... ...	27
21	Mon.	31	10 ·13	18 ·87	24	22	Fri.	31	11 ·65	23 ·92	25						
	Feb.						**April.**						**June.**				
22	Tues.	1	11 ·16	19 ·93	25	23	Sat.	1	12 ·73	... ...	26	23	Thur.	1	14 ·97	2 ·60	
23	Wed.	2	12 ·21	... ...	26	24	Sun.	2	13 ·82	24 ·03	27	24	Fri.	2	—**A** ·95	3 ·02	29
24	Thur.	3	13 ·27	20 ·01	27	25	Mon.	3	14 ·88	25 ·13	28				1 ·90	4 ·02	
25	Fri.	4	14 ·35	21 ·11	28	26	Tues.	4	—**A** ·93	26 ·22	29	25	Sat.	3		5 ·99	— 30
26	Sat.	5	—**A** ·44	22 ·21	29	27	Wed.	5	1 ·96	27 ·29	—30	26	Sun.	4	2 ·83	6 ·96	1
27	Sun.	6	1 ·53	23 ·33	—30	28	Thur.	6	2 ·96	1 ·34	1	27	Mon.	5	3 ·74	7 ·90	2
28	Mon.	7	2 ·61	24 ·43	1	29	Fri.	7	3 ·95	2 ·36	2	28	Tues.	6	4 ·64	8 ·85	3
—29	Tues.	8	3 ·69	25 ·52	2	—30	Sat.	8	4 ·91	3 ·37	3	29	Wed.	7	5 ·55	9 ·79	4
1	Wed.	9	4 ·74	26 ·60	3	1	Sun.	9	5 ·86	4 ·35	4	30	Thur.	8	6 ·45	10 ·72	5
2	Thur.	10	5 ·77	27 ·66	4	2	Mon.	10	6 ·79	5 ·33	5	31	Fri.	9	7 ·35	11 ·64	6
3	Fri.	11	6 ·78	1 ·71	5	3	Tues.	11	7 ·71	6 ·28	6	—32	Sat.	10	8 ·25	12 ·58	7
4	Sat.	12	7 ·76	2 ·72	6	4	Wed.	12	8 ·62	7 ·23	7	1	Sun.	11	9 ·15	13 ·53	8
5	Sun.	13	8 ·75	3 ·72	7	5	Thur.	13	9 ·52	8 ·17	8				10 ·07		
6	Mon.	14	9 ·69	4 ·70	8	6	Fri.	14	10 ·43	9 ·10	9	2	Mon.	12	11 ·99	14 ·48	9
7	Tues.	15	10 ·63	5 ·66	9					10 ·04		3	Tues.	13	12 ·93	15 ·44	10
8	Wed.	16	11 ·55	6 ·62	10	7	Sat.	15	11 ·32	11 ·97	10	4	Wed.	14	13 ·89	16 ·42	11
9	Thur.	17	12 ·47	7 ·56	11	8	Sun.	16	12 ·23	12 ·90	11	5	Thur.	15	14 ·88	17 ·42	12
10	Fri.	18	13 ·37	8 ·49	12	9	Mon.	17	13 ·13	13 ·85	12	6	Fri.	16	**P** ·88	18 ·45	13
11	Sat.	19	14 ·28	9 ·42	13	10	Tues.	18	14 ·05	14 ·80	13	7	Sat.	17	1 ·90	19 ·48	14
12	Sun.	20	**P** ·17	10 ·35	14				**P** ·98			8	Sun.	18	2 ·94	20 ·54	15
			1 ·07			11	Wed.	19	1 ·93	15 ·78	14	9	Mon.	19	... ...	21 ·62	16
13	Mon.	21	2 ·98	11 ·28	15	12	Thur.	20	2 ·89	16 ·77	15	10	Tues.	20	3 ·00	22 ·71	17
14	Tues.	22	3 ·90	12 ·23	16	13	Fri.	21	3 ·87	17 ·78	16	11	Wed.	21	4 ·07	23 ·82	18
15	Wed.	23	4 ·84	13 ·18	17	14	Sat.	22	4 ·88	18 ·81	17	12	Thur.	22	5 ·15	24 ·93	19
16	Thur.	24	5 ·79	14 ·14	18	15	Sun.	23	5 ·91	19 ·85	18	13	Fri.	23	6 ·24	... ...	20
17	Fri.	25	6 ·76	15 ·12	19	16	Mon.	24	6 ·96	20 ·93	19	14	Sat.	24	7 ·31	25 ·04	21
18	Sat.	26	7 ·74	16 ·12	20	17	Tues.	25	... ...	... ...	20	15	Sun.	25	8 ·38	26 ·13	22
19	Sun.	27	8 ·74	17 ·14	21	18	Wed.	26	7 ·02	21 ·02	21	16	Mon.	26	9 ·43	27 ·21	23
20	Mon.	28	9 ·78	18 ·18	22	19	Thur.	27	8 ·11	22 ·12	22	17	Tues.	27	10 ·47	1 ·27	24
21	Tues.	29	10 ·88	19 ·24	23	20	Fri.	28	9 ·19	23 ·22	23	18	Wed.	28	11 ·47	2 ·30	25
						21	Sat.	29	10 ·27	24 ·33	24	19	Thur.	29	12 ·45	3 ·32	26
						22	Sun.	30	11 ·34	25 ·44	25	20	Fri.	30	13 ·43	4 ·34	27

Vikārin. **Makara—Tai.** *Śukla.* **Pausha.** *Bahula.* *Śārvari.* **Kumbha—Māsi.** *Śukla.* **Māgha.** *Bahula.* *Vikārin.* **Mīna—Panguni.** *Śukla.* **Phālguna.** *Bahula.* *Śārvari.* **Mēsha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* *Śārvari.* **Mithuna—Āni.** *Śukla.* **Jyeshtha.** *Bahula.* *Śārvari.* **Vrishabha—Vaigāsi.** *Śukla.* **Vaiśākha.** *Bahula.*

H. 1194 *Muharram.* *H.* 1194 *Śafar.* *H.* 1194 *Rabī-ul awwal.* *H.* 1194 *Rabī-ul ākhir.* *H.* 1194 *Jamādal awwal.* *H.* 1194 *Jamādal ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1780. **Kollam 956,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra** { **1194** Commences **Jan. 8.** / **1195** Do. **Dec. 28.** **Vikrama 1837.** **Bengal San. 1186.** **(N. Cycle) Virodhakṛit.**

A—Amāvāsyā. Commences
P—Paurnimā.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Sat.	1	14 ·38	5 ·32	28	20	Fri.	1	3 ·63	13 ·53	2	20	Wed.	1	5 ·50	19 ·06	4
22	Sun.	2	—**A** ·31	6 ·29	—29	21	Sat.	2	4 ·55	14 ·48	3	21	Thur.	2	6 ·52	20 ·10	5
23	Mon.	3	1 ·22	7 ·24	1	22	Sun.	3	5 ·48	15 ·43	4	22	Fri.	3	7 ·56	21 ·15	6
24	Tues.	4	2 ·14	8 ·18	2	23	Mon.	4	6 ·42	16 ·41	5	23	Sat.	4	8 ·63	22 ·23	7
25	Wed.	5	3 ·03 4 ·98	9 ·12	3	24	Tues.	5	7 ·38	17 ·39	6	24	Sun.	5	9 ·71	23 ·32	8
						25	Wed.	6	8 ·35	18 ·40	7	25	Mon.	6	10 ·79	24 ·42	9
26	Thur.	6	5 ·83	10 ·05 11 ·98	4	26	Thur.	7	9 ·36	19 ·42	8	26	Tues.	7	11 ·89	25 ·54	10
27	Fri.	7	6 ·72	12 ·92	5	27	Fri.	8	10 ·37	20 ·47	9	27	Wed.	8	12 ·97	26 ·64	11
28	Sat.	8	7 ·63	13 ·86	6	28	Sat.	9	11 ·42	21 ·54	10	28	Thur.	9	... ...	27 ·74	12
29	Sun.	9	8 ·54	14 ·81	7	29	Sun.	10	12 ·47	22 ·62	11	29	Fri.	10	13 ·05	1 ·82	13
30	Mon.	10	9 ·47	15 ·77	8	30	Mon.	11	13 ·54	23 ·72	12	—30	Sat.	11	14 ·09	2 ·89	14
—31	Tues.	11	10 ·41	16 ·75	9	—31	Tues.	12	14 ·63	24 ·83	13	1	Sun.○	12	**P** ·12	3 ·94	15
1	Wed.	12	11 ·37	17 ·74	10	1	Wed.	13	**P** ·71	25 ·93	14	2	Mon.	13	1 ·15	4 ·96	16
2	Thur.	13	12 ·36	18 ·76	11	2	Thur.	14	1 ·80	... ...	15	3	Tues.	14	2 ·13	5 ·97	17
3	Fri.	14	13 ·35	19 ·79	12	3	Fri.	15	2 ·87	26 ·04	16	4	Wed.	15	3 ·11	6 ·95	18
4	Sat.	15	14 ·38	20 ·85	13	4	Sat.	16	3 ·93	27 ·13	17	5	Thur.	16	4 ·06	7 ·92	19
5	Sun.	16	**P** ·42	21 ·92	14	5	Sun.	17	4 ·96	1 ·21	18	6	Fri.	17	5 ·01 6 ·93	8 ·88	20
6	Mon.	17	1 ·47	... ...	15	6	Mon.	18	5 ·98	2 ·26	19						
7	Tues.	18	2 ·54	22 ·01	16	7	Tues.	19	6 ·96	3 ·30	20	7	Sat.	18	7 ·86	9 ·82	21
8	Wed.	19	3 ·63	23 ·12	17	8	Wed.	20	7 ·93	4 ·31	21	8	Sun.	19	8 ·76	10 ·76	22
9	Thur.	20	4 ·71	24 ·23	18	9	Thur.	21	8 ·90	5 ·32	22	9	Mon.	20	9 ·65	11 ·69	23
10	Fri.	21	5 ·78	25 ·34	19	10	Fri.	22	9 ·83	6 ·31	23	10	Tues.	21	10 ·56	12 ·61	24
11	Sat.	22	6 ·85	26 ·43	20	11	Sat.	23	10 ·75	7 ·25	24	11	Wed.	22	11 ·47	13 ·54	25
12	Sun.	23	7 ·91	27 ·52	21	12	Sun.	24	11 ·66	8 ·20	25	12	Thur.	23	12 ·38	14 ·49	26
13	Mon.	24	8 ·94	1 ·60	22	13	Mon.	25	12 ·57	9 ·14	26	13	Fri.	24	13 ·29	15 ·44	27
14	Tues.	25	9 ·95	2 ·64	23	14	Tues.	26	13 ·47	10 ·08	27	14	Sat.	25	14 ·22	16 ·40	28
15	Wed.	26	10 ·94	3 ·66	24	15	Wed.	27	14 ·37	11 ·01 12 ·94	28	15	Sun.	26	—**A** ·17	17 ·37	29
16	Thur.	27	11 ·91	4 ·67	25	16	Thur.	28	—**A** ·27	13 ·87	29	16	Mon.	27	1 ·13	18 ·37	—30
17	Fri.	28	12 ·85	5 ·65	26	17	Fri.	29	1 ·17	14 ·81	—30	17	Tues.	28	2 ·12	19 ·38	1
18	Sat.	29	13 ·79	6 ·63	27	18	Sat.	30	2 ·09	15 ·77	1	18	Wed.	29	3 ·12	20 ·41	2
19	Sun.	30	14 ·71	7 ·58	28							19	Thur.	30	4 ·15	21 ·46	3
20	Mon.	31	—**A** ·62	8 ·53	29												
	Aug.						**Oct.**						**Dec.**				
21	Tues.	1	1 ·52	9 ·46	—30	19	Sun.	1	3 ·02 4 ·97	16 ·74	2	20	Fri.	1	5 ·19	22 ·53	4
22	Wed.	2	2 ·42	10 ·39	1	20	Mon.	2	5 ·92	17 ·72	3	21	Sat.	2	6 ·26	23 ·62	5
23	Thur.	3	3 ·32	11 ·32	2	21	Tues.	3	6 ·90	18 ·72	4	22	Sun.	3	7 ·33	24 ·73	6
24	Fri.	4	4 ·22	12 ·26	3	22	Wed.	4	7 ·90	19 ·74	5	23	Mon.	4	8 ·43	25 ·84	7
25	Sat.	5	5 ·12	13 ·20	4	23	Thur.	5	8 ·92	20 ·79	6	24	Tues.	5	9 ·51	26 ·94	8
26	Sun.	6	6 ·03 7 ·96	14 ·14	5	24	Fri.	6	9 ·97	21 ·85	7	25	Wed.	6	10 ·59	... ...	9
						25	Sat.	7	... ...	22 ·93	8	26	Thur.	7	11 ·69	27 ·04	10
27	Mon.	7	8 ·89	15 ·10	6	26	Sun.	8	10 ·02	... ...	9	27	Fri.	8	12 ·73	1 ·13	11
28	Tues.	8	9 ·86	16 ·07	7	27	Mon.	9	11 ·10	23 ·02	10	28	Sat.	9	13 ·77	2 ·21	12
29	Wed.	9	10 ·84	17 ·07	8	28	Tues.	10	12 ·19	24 ·12	11	29	Sun.	10	14 ·78	3 ·25	13
30	Thur.	10	11 ·85	18 ·08	9	29	Wed.	11	13 ·29	25 ·24	12	—30	Mon.	11	**P** ·78	4 ·28	14
31	Fri.	11	12 ·86	19 ·11	10	—30	Thur.	12	14 ·36	26 ·34	13	1	Tues.	12	1 ·75	5 ·29	15
—32	Sat.	12	13 ·89	20 ·16	11	1	Fri.	13	**P** ·43	27 ·44	14	2	Wed.	13	2 ·69	6 ·28	16
1	Sun.	13	14 ·96	21 ·23	12	2	Sat.	14	1 ·49	1 ·52	15	3	Thur.	14	3 ·64	7 ·26	17
2	Mon.	14	... ...	22 ·32	13	3	Sun.	15	2 ·52	2 ·58	16	4	Fri.	15	4 ·56	8 ·21	18
3	Tues.	15	**P** ·03	23 ·42	14	4	Mon.	16	3 ·55	3 ·61	17	5	Sat.	16	5 ·48	9 ·16	19
4	Wed.	16	1 ·12	24 ·53	15	5	Tues.	17	4 ·53	4 ·64	18	6	Sun.	17	6 ·39	10 ·09	20
5	Thur.	17	2 ·20	25 ·64	16	6	Wed.	18	5 ·51	5 ·64	19	7	Mon.	18	7 ·29	11 ·02 12 ·95	21
6	Fri.	18	3 ·28	26 ·73	17	7	Thur.	19	6 ·46	6 ·62	20	8	Tues.	19	8 ·19	13 ·89	22
7	Sat.	19	4 ·34	27 ·83	18	8	Fri.	20	7 ·40	7 ·58	21	9	Wed.	20	9 ·08	14 ·83	23
8	Sun.	20	5 ·39	1 ·90	19	9	Sat.	21	8 ·33	8 ·54	22	10	Thur.	21	10 ·00 11 ·92	15 ·77	24
9	Mon.	21	6 ·43	2 ·95	20	10	Sun.	22	9 ·24	9 ·49	23						
10	Tues.	22	7 ·45	3 ·98	21	11	Mon.	23	10 ·15	10 ·42	24	11	Fri.	22	12 ·86	16 ·73	25
11	Wed.	23	8 ·48	4 ·99	22	12	Tues.	24	11 ·04 12 ·95	11 ·35	25	12	Sat.	23	13 ·81	17 ·70	26
12	Thur.	24	9 ·40	5 ·99	23							13	Sun.	24	14 ·78	18 ·69	27
13	Fri.	25	10 ·37	6 ·96	24	13	Wed.	25	13 ·85	12 ·28	26	14	Mon.	25	—**A** ·76	19 ·70	28
14	Sat.	26	11 ·30	7 ·92	25	14	Thur.	26	14 ·75	13 ·21	27	15	Tues.	26	1 ·77	20 ·72	29
15	Sun.	27	12 ·22	8 ·86	26	15	Fri.	27	—**A** ·67	14 ·16	28	16	Wed.	27	2 ·80	21 ·77	—30
16	Mon.	28	13 ·13	9 ·80	27	16	Sat.	28	1 ·61	15 ·11	—29	17	Thur.	28	3 ·84	22 ·84	1
17	Tues.	29	14 ·03 **A** ·93	10 ·73	28	17	Sun.	29	2 ·55	16 ·07	1	18	Fri.	29	4 ·92	23 ·93	2
18	Wed.	30	1 ·82	11 ·67	—29	18	Mon.	30	3 ·51	17 ·04	2	19	Sat.	30	... ...	... ...	3
19	Thur.	31	2 ·73	12 ·60	1	19	Tues.	31	4 ·50	18 ·04	3	20	Sun.	31	5 ·00	24 ·03	4

Śārvari. **Karkataka—Ādi.** *Śukla.* **Āshāḍha.** *Bahula.* *H.* 1194 *Rajab.*

Śārvari. **Kanyā—Purattāśi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 1194 *Ramazān.*

Śārvari. **Siṁha—Āvaṇi.** *Śukla.* **Śrāvaṇa.** *Bahula.* *H.* 1194 *Sha'bān.*

Śārvari. **Tulā—Aippasi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 1194 *Shawwāl.*

Śārvari. **Vṛiśchika—Kārttigai.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1194 *Zi-l-ḳa'da.*

Śārvari. **Dhanus—Mārgaḷi.** *Śukla.* **Mārgaśīrsha.** *Bahula.* *H.* 1194 *Zi-l-ḥijja.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1781. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·83.** **Śaka 1703.** **Kaliyuga 4882.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·73.** **(S. Cycle) Plava.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Mon.	1	6 ·09	25 ·13	5	21	Thur	1	6 ·65	2 ·13	5	22	Tues.	1	8 ·63	9 ·84	7
22	Tues.	2	7 ·17	26 ·24	6	22	Fri.	2	7 ·68	3 ·19	6	23	Wed.	2	9 ·55	10 ·79	8
23	Wed.	3	8 ·25	27 ·34	7	23	Sat.	3	8 ·69	4 ·23	7	24	Thur.	3	10 ·46	11 ·73	9
24	Thur.	4	9 ·33	1 ·44	8	24	Sun.	4	9 ·67	5 ·26	8	25	Fri.	4	11 ·36	12 ·66	10
25	Fri.	5	10 ·37	2 ·51	9	25	Mon.	5	10 ·65	6 ·26	9	26	Sat.	5	12 ·26	13 ·60	11
26	Sat.	6	11 ·41	3 ·56	10	26	Tues.	6	11 ·58	7 ·25	10	27	Sun.	6	13 ·15	14 ·53	12
27	Sun.	7	12 ·43	4 ·60	11	27	Wed.	7	12 ·51	8 ·21	11	28	Mon.	7	14 ·05	15 ·46	13
28	Mon.	8	13 ·42	5 ·61	12	28	Thur.	8	13 ·45	9 ·16	12				P ·96		
—29	Tues.	9	14 ·39	6 ·61	13	—29	Fri.	9	14 ·36	10 ·12	13	29	Tues.	8	1 ·88	16 ·49	14
1	Wed.	10	P ·35	7 ·59	14	1	Sat.	10	P ·26	11 ·05	14	30	Wed.	9	2 ·82	17 ·35	15
2	Thur.	11	1 ·28	8 ·55	15					12 ·98		—31	Thur.	10	3 ·77	18 ·32	16
3	Fri.	12	2 ·21	9 ·49	16	2	Sun.	11	1 ·16	13 ·91	15	1	Fri.	11	4 ·73	19 ·32	17
4	Sat.	13	3 ·13	10 ·43	17	3	Mon.	12	2 ·07	14 ·84	16	2	Sat.	12	5 ·71	20 ·32	18
5	Sun.	14	4 ·03	11 ·36	18				3 ·96			3	Sun.	13	6 ·71	21 ·34	19
6	Mon.	15	5 ·93	12 ·30	19	4	Tues.	13	4 ·87	15 ·79	17	4	Mon.	14	7 ·75	22 ·38	20
7	Tues.	16	6 ·83	13 ·23	20	5	Wed.	14	5 ·79	16 ·72	18	5	Tues.	15	8 ·80	23 ·45	21
8	Wed.	17	7 ·74	14 ·17	21	6	Thur.	15	6 ·72	17 ·69	19	6	Wed.	16	9 ·86	24 ·54	22
9	Thur.	18	8 ·65	15 ·11	22	7	Fri.	16	7 ·68	18 ·67	20	7	Thur.	17	10 ·93	25 ·63	23
10	Fri.	19	9 ·56	16 ·06	23	8	Sat.	17	8 ·64	19 ·66	21	8	Fri.	18	... ...	26 ·74	24
11	Sat.	20	10 ·51	17 ·03	24	9	Sun.	18	9 ·63	20 ·68	22	9	Sat.	19	11 ·02	27 ·84	25
12	Sun.	21	11 ·45	18 ·02	25	10	Mon.	19	10 ·64	21 ·71	23	10	Sun.	20	12 ·10	1 ·95	26
13	Mon.	22	12 ·42	19 ·02	26	11	Tues.	20	11 ·67	22 ·77	24	11	Mon.	21	13 ·18	... ...	27
14	Tues.	23	13 ·40	20 ·04	27	12	Wed.	21	12 ·72	23 ·84	25	12	Tues.	22	14 ·24	2 ·05	28
15	Wed.	24	14 ·42	21 ·08	28	13	Thur.	22	13 ·79	24 ·93	26	13	Wed.	23	A ·29	3 ·13	29
16	Thur.	25	—A ·44	22 ·15	29	14	Fri.	23	14 ·88	... ...	27	14	Thur.	24	1 ·31	4 ·18	—30
17	Fri.	26	1 ·50	23 ·23	—30	15	Sat.	24	—A ·96	25 ·03	28	15	Fri.	25	2 ·32	5 ·22	1
18	Sat.	27	2 ·57	24 ·33	1	16	Sun.	25	... ...	26 ·14	29	16	Sat.	26	3 ·30	6 ·23	2
19	Sun.	28	3 ·65	25 ·48	2	17	Mon.	26	1 ·05	27 ·25	—30	17	Sun.	27	4 ·27	7 ·24	3
20	Mon.	29	4 ·74	26 ·54	3	18	Tues.	27	2 ·13	1 ·35	1	18	Mon.	28	5 ·22	8 ·21	4
21	Tues.	30	5 ·82	27 ·65	4	19	Wed.	28	3 ·19	2 ·43	2	19	Tues.	29	6 ·14	9 ·18	5
22	Wed.	31	6 ·91	1 ·74	5	20	Thur.	29	4 ·23	3 ·50	3	20	Wed.	30	7 ·05	10 ·12	6
			7 ·98			21	Fri.	30	5 ·26	4 ·56	4				8 ·96		
						22	Sat.	31	6 ·27	5 ·58	5	21	Thur.	31	9 ·86	11 ·06	7
	Feb.						**April.**						**June.**				
23	Thur.	1	... ...	2 ·82	6	23	Sun.	1	7 ·25	6 ·59	6	22	Fri.	1	10 ·76	12 ·00	8
24	Fri.	2	8 ·03	3 ·88	7	24	Mon.	2	8 ·22	7 ·57	7					13 ·93	
25	Sat.	3	9 ·05	4 ·92	8	25	Tues.	3	9 ·16	8 ·54	8	23	Sat.	2	11 ·65	14 ·87	9
26	Sun.	4	10 ·07	5 ·93	9	26	Wed.	4	10 ·10	9 ·51	9	24	Sun.	3	12 ·56	15 ·80	10
27	Mon.	5	11 ·06	6 ·94	10	27	Thur.	5	11 ·02	10 ·45	10	25	Mon.	4	13 ·47	16 ·74	11
28	Tues.	6	12 ·03	7 ·92	11	28	Fri.	6	12 ·93	11 ·39	11	26	Tues.	5	14 ·38	17 ·69	12
29	Wed.	7	13 ·97	8 ·88	12	29	Sat.	7	13 ·82	12 ·32	12	27	Wed.	6	P ·32	18 ·66	13
—30	Thur.	8	14 ·91	9 ·83	13	30	Sun.	8	14 ·72	13 ·25	13	28	Thur.	7	1 ·26	19 ·64	14
1	Fri.	9	P ·84	10 ·77	14	—31	Mon.	9	P ·62	14 ·19	14	29	Fri.	8	2 ·23	20 ·64	15
2	Sat.	10	1 ·75	11 ·71	15	1	Tues.	10	1 ·53	15 ·12	15	30	Sat.	9	3 ·20	21 ·66	16
3	Sun.	11	2 ·66	12 ·64	16	2	Wed.	11	2 ·44	16 ·07	16	—31	Sun.	10	4 ·21	22 ·69	17
4	Mon.	12	3 ·55	13 ·57	17	3	Thur.	12	3 ·35	17 ·02	17	1	Mon.	11	5 ·23	23 ·76	18
5	Tues.	13	4 ·46	14 ·50	18				4 ·28	18 ·99		2	Tues.	12	6 ·27	24 ·84	19
6	Wed.	14	5 ·36	15 ·44	19	4	Fri.	13	5 ·24	19 ·98	18	3	Wed.	13	7 ·34	25 ·93	20
7	Thur.	15	6 ·27	16 ·40	20	5	Sat.	14	6 ·20	... ...	19	4	Thur.	14	8 ·41	... ..	21
8	Fri.	16	7 ·19	17 ·36	21	6	Sun.	15	7 ·19	20 ·00	20	5	Fri.	15	9 ·49	26 ·04	22
9	Sat.	17	8 ·13	18 ·34	22	7	Mon.	16	8 ·19	21 ·03	21	6	Sat.	16	10 ·57	27 ·14	23
10	Sun.	18	9 ·09	19 ·34	23	8	Tues.	17	9 ·23	22 ·07	22	7	Sun.	17	11 ·66	1 ·26	24
11	Mon.	19	10 ·05	20 ·35	24	9	Wed.	18	10 ·28	23 ·14	23	8	Mon.	18	12 ·72	2 ·35	25
12	Tues.	20	11 ·03	21 ·40	25	10	Thur.	19	11 ·36	24 ·23	24	9	Tues.	19	13 ·77	3 ·43	26
13	Wed.	21	12 ·04	22 ·46	26	11	Fri.	20	12 ·43	25 ·34	25	10	Wed.	20	14 ·79	4 ·49	27
14	Thur.	22	13 ·07	23 ·53	27	12	Sat.	21	13 ·51	26 ·44	26	11	Thur.	21	—A ·80	5 ·53	28
15	Fri.	23	14 ·13	24 ·63	28	13	Sun.	22	14 ·59	27 ·55	27	12	Fri.	22	1 ·78	6 ·56	—29
16	Sat.	24	—A ·19	25 ·73	—29	14	Mon.	23	—A ·66	1 ·65	28	13	Sat.	23	2 ·75	7 ·56	1
17	Sun.	25	1 ·28	26 ·85	1	15	Tues.	24	1 ·73	2 ·74	—29	14	Sun.	24	3 ·70	8 ·54	2
18	Mon.	26	2 ·37	27 ·95	2	16	Wed.	25	2 ·78	3 ·82	1	15	Mon.	25	4 ·63	9 ·51	3
19	Tues.	27	3 ·44	... ...	3	17	Thur.	26	3 ·81	4 ·87	2	16	Tues.	26	5 ·55	10 ·46	4
20	Wed.	28	4 ·52	1 ·05	4	18	Fri.	27	4 ·81	5 ·90	3	17	Wed.	27	6 ·45	11 ·40	5
			5 ·60			19	Sat.	28	5 ·79	6 ·91	4	18	Thur.	28	7 ·34	12 ·34	6
						20	Sun.	29	6 ·76	7 ·90	5	19	Fri.	29	8 ·25	13 ·27	7
						21	Mon.	30	7 ·70	8 ·88	6	20	Sat.	30	9 ·14	14 ·20	8

Śrāvaṇ. **Makara—Tai.** *Śukla.* **Pausha.** *Bahula.* *Śrāvaṇ.* **Mina—Pāguni.** *H.* 1195 *Muharram.* *Plava.* **Vrishabha—Vaigāśi.** *H.* 1195 *Jamāda'l awwal.*

Śrāvaṇ. **Kumbha—Māśi.** *Śukla.* **Māgha.** *Bahula.* *Plava.* **Mēsha—Chittirai.** *H.* 1195 *Safar.* *H.* 1195 *Rabī-ul ākhir.* *Plava.* **Mithuna—Āni.** *Śukla.* **Jyeshṭha.** *Bahula.* *H.* 1195 *Jamāda'l ākhir.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1781. **Kollam 957,** { **N. Malabar—Sep.** **Hijra 1196.** **Vikrama 1838.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Dec. 17.** **Bengal San. 1187.**
P—Paurnimā. **(N. Cycle) Paridhāvin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
Plava. **Mithuna—Āṇi.**	**July.**			
21	Sun. 1	10 ·05 / 11 ·95	15 ·13	9
22	Mon. 2	12 ·87	16 ·07	10
23	Tues. 3	13 ·80	17 ·03 / 18 ·99	11
24	Wed. 4	14 ·73	19 ·97	12
25	Thur. 5	P ·70	20 ·96	13
26	Fri. 6	1 ·68	21 ·97	14
27	Sat. 7	2 ·68	... ...	15
28	Sun. 8	3 ·70	22 ·02	16
29	Mon. 9	4 ·76	23 ·07	17
30	Tues. 10	5 ·82	24 ·14	18
31	Wed. 11	6 ·89	25 ·23	19
32	Thur. 12	7 ·97	26 ·33	20
1	Fri. 13	... ...	27 ·45	21
2	Sat. 14	8 ·05	1 ·56	22
3	Sun. 15	9 ·14	2 ·65	23
4	Mon. 16	10 ·20	3 ·74	24
5	Tues. 17	11 ·25	4 ·80	25
6	Wed 18	12 ·27	5 ·86	26
7	Thur. 19	13 ·28	6 ·88	27
8	Fri. 20	14 ·26	7 ·89	28
9	Sat. 21	A ·23	8 ·87	29
10	Sun. 22	1 ·18	9 ·84	30
11	Mon. 23	2 ·10	10 ·79	1
12	Tues. 24	3 ·03 / 4 ·94	11 ·75	2
13	Wed. 25	5 ·84	12 ·68	3
14	Thur. 26	6 ·74	13 ·61	4
15	Fri. 27	7 ·64	14 ·54	5
16	Sat. 28	8 ·54	15 ·47	6
17	Sun. 29	9 ·44	16 ·42	7
18	Mon. 30	10 ·36	17 ·36	8
19	Tues. 31	11 ·28	18 ·32	9
Plava. **Karkata—Āḍi.**	**Aug.**	*Śukla.* **Āshāḍha.**	*Bahula.*	*H.* 1195 *Rajab.*
20	Wed. 1	12 ·22	19 ·29	10
21	Thur. 2	13 ·18	20 ·28	11
22	Fri. 3	14 ·17	21 ·30	12
23	Sat. 4	P ·17	22 ·33	13
24	Sun. 5	1 ·18	23 ·38	14
25	Mon. 6	2 ·23	24 ·45	15
26	Tues. 7	3 ·29	25 ·53	16
27	Wed. 8	4 ·37	26 ·64	17
28	Thur. 9	5 ·44	27 ·75	18
29	Fri. 10	6 ·53	1 ·86	19
30	Sat. 11	7 ·61	2 ·95	20
31	Sun. 12	8 ·67	... ...	21
1	Mon. 13	9 ·73	3 ·04	22
2	Tues. 14	10 ·75	4 ·11	23
3	Wed. 15	11 ·77	5 ·17	24
4	Thur. 16	12 ·75	6 ·20	25
5	Fri. 17	13 ·73	7 ·21	26
6	Sat. 18	14 ·68	8 ·20	27
7	Sun. 19	A ·61	9 ·17	28
8	Mon. 20	1 ·53	10 ·14	29
9	Tues. 21	2 ·43	11 ·08	1
10	Wed. 22	3 ·34	12 ·02 / 13 ·95	2
11	Thur. 23	4 ·24	14 ·88	3
12	Fri. 24	5 ·13	15 ·82	4
13	Sat. 25	6 ·03 / 7 ·94	16 ·75	5
14	Sun. 26	8 ·86	17 ·70	6
15	Mon. 27	9 ·79	18 ·65	7
16	Tues. 28	10 ·73	19 ·62	8
17	Wed. 29	11 ·68	20 ·61	9
18	Thur. 30	12 ·67	21 ·62	10
19	Fri. 31	13 ·67	22 ·64	11
Plava. **Siṁha—Āvaṇi.**	**Sep.**	*Śukla.* **Śrāvaṇa.**	*Bahula.*	*H.* 1195 *Śha'bān.*
20	Sat. 1	P ·18	23 ·38	14
21	Sun. 2	1 ·18	24 ·45	15
22	Mon. 3	2 ·23	25 ·53	16
23	Tues. 4	3 ·29	26 ·64	17
24	Wed. 5	4 ·37	27 ·75	18
25	Thur. 6	5 ·44	1 ·86	19
26	Fri. 7	6 ·53	2 ·95	20
27	Sat. 8	7 ·61	3 ·04	21
28	Sun. 9	8 ·67	4 ·11	22
29	Mon. 10	9 ·73	5 ·17	23
30	Tues. 11	10 ·75	6 ·20	24
31	Wed. 12	11 ·77	7 ·21	25
1	Thur. 13	12 ·75	8 ·20	26
2	Fri. 14	13 ·73	9 ·17	27
3	Sat. 15	14 ·68	10 ·14	28
4	Sun. 16	A ·61	11 ·08	29
5	Mon. 17	1 ·53	12 ·02 / 13 ·95	30
6	Tues. 18	2 ·43	14 ·88	1
7	Wed. 19	3 ·34	15 ·82	2
8	Thur. 20	4 ·24	16 ·75	3
9	Fri. 21	5 ·13	17 ·70	4
10	Sat. 22	6 ·03 / 7 ·94	18 ·65	5
11	Sun. 23	8 ·86	19 ·62	6
12	Mon. 24	9 ·79	20 ·61	7
13	Tues. 25	10 ·73	21 ·62	8
14	Wed. 26	11 ·68	22 ·64	9
15	Thur. 27	12 ·67	23 ·68	10
16	Fri. 28	13 ·67	24 ·75	11
Plava. **Kanyā—Puraṭṭāśi.**	**Oct.**	*Śukla.* **Bhādrapada.**	*Bahula.*	*H.* 1195 *Ramazān.*
17	Sat. 29	14 ·69	25 ·87	12
18	Sun. 30	P ·74	26 ·99	13
19	Mon. 31	1 ·80	28 ·13	14
Plava. **Tulā—Aippaśi.**	**Nov.**	*Śukla.* **Āśvina.**	*Bahula.*	*H.* 1195 *Shawwāl.*
20	Tues. 1	P ·86	29 ·28	15
21	Wed. 2	1 ·93	30 ·44	16
22	Thur. 3	3 ·01	31 ·61	17
23	Fri. 4	4 ·10	32 ·78	18
24	Sat. 5	5 ·19	33 ·96	19
25	Sun. 6	6 ·28	35 ·14	20
26	Mon. 7	7 ·37	36 ·32	21
27	Tues. 8	8 ·46	37 ·50	22
28	Wed. 9	9 ·55	38 ·68	23
29	Thur. 10	10 ·64	39 ·86	24
30	Fri. 11	11 ·73	41 ·04	25
31	Sat. 12	12 ·82	42 ·22	26
1	Sun. 13	13 ·91	43 ·40	27
2	Mon. 14	15 ·00	44 ·58	28
3	Tues. 15	16 ·09	45 ·76	29
4	Wed. 16	17 ·18	46 ·94	30
5	Thur. 17	18 ·27	48 ·12	1
6	Fri. 18	19 ·36	49 ·30	2
7	Sat. 19	20 ·45	50 ·48	3
8	Sun. 20	21 ·54	51 ·66	4
9	Mon. 21	22 ·63	52 ·84	5
10	Tues. 22	23 ·72	54 ·02	6
11	Wed. 23	24 ·81	55 ·20	7
12	Thur. 24	25 ·90	56 ·38	8
13	Fri. 25	26 ·99	57 ·56	9
14	Sat. 26	28 ·08	58 ·74	10
15	Sun. 27	29 ·17	59 ·92	11
16	Mon. 28	30 ·26	61 ·10	12
17	Tues. 29	31 ·35	62 ·28	13
18	Wed. 30	32 ·44	63 ·46	14
Plava. **Vṛiśchika—Kārttigai.**	**Dec.**	*Śukla.* **Kārttika.**	*Bahula.*	*H.* 1195 *Zi-l-ka'da.*
19	Thur. 1	P ·19	2 ·86	14
20	Fri. 2	1 ·27	3 ·96	15
21	Sat. 3	2 ·33	... ...	16
22	Sun. 4	3 ·38	4 ·04	17
23	Mon. 5	4 ·42	5 ·11	18
24	Tues. 6	5 ·44	6 ·15	19
25	Wed. 7	6 ·43	7 ·18	20
26	Thur. 8	7 ·40	8 ·19	21
27	Fri. 9	8 ·36	9 ·17	22
28	Sat. 10	9 ·30	10 ·14	23
29	Sun. 11	10 ·22	11 ·09	24
30	Mon. 12	11 ·13	12 ·04 / 13 ·98	25
1	Tues. 13	12 ·03 / 13 ·93	14 ·90	26
2	Wed. 14	14 ·83	15 ·83	27
3	Thur. 15	A ·75	16 ·77	28
4	Fri. 16	1 ·65	17 ·70	29
5	Sat. 17	2 ·58	18 ·66	30
6	Sun. 18	3 ·50	19 ·62	1
7	Mon. 19	4 ·45	20 ·59	2
8	Tues. 20	5 ·42	21 ·58	3
9	Wed. 21	6 ·40	22 ·59	4
10	Thur. 22	7 ·41	23 ·63	5
11	Fri. 23	8 ·44	24 ·68	6
12	Sat. 24	9 ·49	25 ·75	7
13	Sun. 25	10 ·55	26 ·84	8
14	Mon. 26	11 ·63	27 ·94	9
15	Tues. 27	12 ·73	... ...	10
16	Wed. 28	13 ·81	1 ·06	11
17	Thur. 29	14 ·89	2 ·16	12
18	Fri. 30	P ·96	3 ·26	13
Plava. **Dhanus—Mārgaḷi.**	**Dec.**	*Śukla.* **Mārgaśīrsha.**	*Bahula.*	*H.* 1195 *Zi-l-hijja.*
19	Sat. 1	... ...	4 ·35	14
20	Sun. 2	1 ·03	5 ·41	15
21	Mon. 3	2 ·05	6 ·47	16
22	Tues. 4	3 ·07	7 ·50	17
23	Wed. 5	4 ·05	8 ·51	18
24	Thur. 6	5 ·03 / 6 ·98	9 ·50	19
25	Fri. 7	7 ·91	10 ·47	20
26	Sat. 8	8 ·84	11 ·42	21
27	Sun. 9	9 ·75	12 ·38	22
28	Mon. 10	10 ·66	13 ·31	23
29	Tues. 11	11 ·56	14 ·24	24
1	Wed. 12	12 ·46	15 ·17	25
2	Thur. 13	13 ·37	16 ·10	26
3	Fri. 14	14 ·27	17 ·05 / 18 ·99	27
4	Sat. 15	A ·20	19 ·95	28
5	Sun. 16	1 ·13	20 ·92	29
6	Mon. 17	2 ·09	21 ·90	1
7	Tues. 18	3 ·06	22 ·92	2
8	Wed. 19	4 ·04	23 ·94	3
9	Thur. 20	5 ·05	24 ·99	4
10	Fri. 21	6 ·08	... ...	5
11	Sat. 22	7 ·14	25 ·06	6
12	Sun. 23	8 ·20	26 ·14	7
13	Mon. 24	9 ·28	27 ·25	8
14	Tues. 25	10 ·38	1 ·35	9
15	Wed. 26	11 ·47	2 ·46	10
16	Thur. 27	12 ·54	3 ·56	11
17	Fri. 28	13 ·61	4 ·65	12
18	Sat. 29	14 ·67	5 ·72	13
19	Sun. 30	P ·70	6 ·78	14
20	Mon. 31	1 ·72	7 ·82	15
Plava. **Makara—Āḍi.**	**Jan. 1782**	*Śukla.* **Pausha.**	*Bahula.*	*H.* 1196 *Muharram.*
21	Tues. 1	P ·73	8 ·86	16
22	Wed. 2	1 ·73	9 ·90	17
23	Thur. 3	2 ·72	10 ·94	18
24	Fri. 4	3 ·71	11 ·98	19
25	Sat. 5	4 ·70	13 ·03	20
26	Sun. 6	5 ·69	14 ·08	21
27	Mon. 7	6 ·68	15 ·14	22
28	Tues. 8	7 ·68	16 ·20	23
29	Wed. 9	8 ·68	17 ·27	24
30	Thur. 10	9 ·69	18 ·34	25
31	Fri. 11	10 ·71	19 ·42	26
1	Sat. 12	11 ·74	20 ·51	27
2	Sun. 13	12 ·78	21 ·60	28
3	Mon. 14	13 ·83	22 ·70	29
4	Tues. 15	14 ·88	23 ·80	30
5	Wed. 16	P ·94	24 ·91	1
6	Thur. 17	1 ·99	26 ·02	2
7	Fri. 18	3 ·05	27 ·13	3
8	Sat. 19	4 ·11	28 ·24	4
9	Sun. 20	5 ·17	29 ·35	5
10	Mon. 21	6 ·23	30 ·46	6
11	Tues. 22	7 ·28	31 ·57	7
12	Wed. 23	8 ·33	32 ·68	8
13	Thur. 24	9 ·38	33 ·79	9
14	Fri. 25	10 ·43	34 ·90	10
15	Sat. 26	11 ·48	36 ·01	11
16	Sun. 27	12 ·53	37 ·12	12
17	Mon. 28	13 ·58	38 ·23	13
18	Tues. 29	14 ·63	39 ·34	14
19	Wed. 30	P ·68	40 ·45	15
20	Thur. 31	1 ·73	41 ·56	16

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1782. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·09.** **Śaka 1704.** **Kaliyuga 4883.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·99.** **(S. Cycle) Śubhakṛit.**

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Plava. **Makara—Tai.**	**Jan.**			
21	Tues. 1	2 ·70	8 ·88	16
22	Wed. 2	3 ·67	9 ·82	17
23	Thur. 3	4 ·62	10 ·80	18
24	Fri. 4	5 ·56	11 ·77	19
25	Sat. 5	6 ·48	12 ·71	20
26	Sun. 6	7 ·39	13 ·65	21
27	Mon. 7	8 ·30	14 ·58	22
28	Tues. 8	9 ·20	15 ·51	23
—29	Wed. 9	10 ·11	16 ·45	24
1	Thur. 10	11 ·02 / 12 ·98	17 ·38	25
2	Fri. 11	13 ·85	18 ·33	26
3	Sat. 12	14 ·78	19 ·28	27
4	Sun. 13	—**A** ·74	20 ·24	28
5	Mon. 14	1 ·70	21 ·24	29
6	Tues. 15	2 ·69	22 ·24	—30
7	Wed. 16	3 ·69	23 ·26	1
8	Thur. 17	4 ·73	24 ·30	2
9	Fri. 18	5 ·78	25 ·36	3
10	Sat. 19	6 ·85	26 ·45	4
11	Sun. 20	7 ·94	27 ·55	5
12	Mon. 21	... ...	1 ·65	6
13	Tues. 22	8 ·03	2 ·76	7
14	Wed. 23	9 ·12	3 ·86	8
15	Thur. 24	10 ·20	4 ·95	9
16	Fri. 25	11 ·27	... ...	10
17	Sat. 26	12 ·31	5 ·04	11
18	Sun. 27	13 ·33	6 ·10	12
19	Mon. 28	14 ·36	7 ·14	13
20	Tues. 29	☿ ·34	8 ·15	14
21	Wed. 30	1 ·31	9 ·15	15
22	Thur. 31	2 ·26	10 ·14	16
		Feb.		
23	Fri. 1	3 ·20	11 ·10	17
24	Sat. 2	4 ·11	12 ·05 / 13 ·99	18
25	Sun. 3	5 ·03 / 6 ·93	14 ·92	19
26	Mon. 4	7 ·83	15 ·86	20
27	Tues. 5	8 ·74	16 ·79	21
28	Wed. 6	9 ·64	17 ·72	22
29	Thur. 7	10 ·55	18 ·66	23
—30	Fri. 8	11 ·48	19 ·61	24
1	Sat. 9	12 ·41	20 ·58	25
2	Sun. 10	13 ·37	21 ·56	26
3	Mon. 11	14 ·33	22 ·56	27
4	Tues. 12	—**A** ·32	23 ·57	28
5	Wed. 13	1 ·33	24 ·61	—29
6	Thur. 14	2 ·38	25 ·67	1
7	Fri. 15	3 ·42	26 ·76	2
8	Sat. 16	4 ·49	27 ·85	3
9	Sun. 17	5 ·58	1 ·95	4
10	Mon. 18	6 ·66	... ...	5
11	Tues. 19	7 ·75	2 ·06	6
12	Wed. 20	8 ·82	3 ·17	7
13	Thur. 21	9 ·89	4 ·27	8
14	Fri. 22	10 ·94	5 ·35	9
15	Sat. 23	11 ·98	6 ·41	10
16	Sun. 24	12 ·98	7 ·45	11
17	Mon. 25	13 ·97	8 ·47	12
18	Tues. 26	14 ·93	9 ·48	13
19	Wed. 27	☿ ·87	10 ·47	14
20	Thur. 28	1 ·81	11 ·43	15

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Plava. **Mīna—Pāngu.**	**March.**			
21	Fri. 1	2 ·73	12 ·38	16
22	Sat. 2	3 ·65	13 ·32	17
23	Sun. 3	4 ·55	14 ·27	18
24	Mon. 4	5 ·45	15 ·20	19
25	Tues. 5	6 ·35	16 ·13	20
26	Wed. 6	7 ·25	17 ·06	21
27	Thur. 7	8 ·16	18 ·00 / 19 ·95	22
28	Fri. 8	9 ·09	20 ·91	23
29	Sat. 9	10 ·02 / 11 ·98	21 ·89	24
—30	Sun. 10	12 ·95	22 ·88	25
1	Mon. 11	13 ·93	23 ·89	26
2	Tues. 12	14 ·93	24 ·93	27
3	Wed. 13	—**A** ·98	25 ·99	28
4	Thur. 14	... ...	... ...	29
5	Fri. 15	1 ·02	26 ·06	—30
6	Sat. 16	2 ·10	27 ·15	1
7	Sun. 17	3 ·18	1 ·25	2
8	Mon. 18	4 ·27	2 ·37	3
9	Tues. 19	5 ·35	3 ·47	4
10	Wed. 20	6 ·43	4 ·57	5
11	Thur. 21	7 ·48	5 ·65	6
12	Fri. 22	8 ·54	6 ·72	7
13	Sat. 23	9 ·58	7 ·77	8
14	Sun. 24	10 ·57	8 ·80	9
15	Mon. 25	11 ·56	9 ·81	10
16	Tues. 26	12 ·51	10 ·79	11
17	Wed. 27	13 ·47	11 ·76	12
18	Thur. 28	14 ·40	12 ·72	13
19	Fri. ○ 29	☿ ·32	13 ·67	14
20	Sat. 30	1 ·23	14 ·61	15
21	Sun. 31	2 ·12	15 ·54	16
		April.		
22	Mon. 1	3 ·02 / 4 ·92	16 ·47	17
23	Tues. 2	5 ·83	17 ·40	18
24	Wed. 3	6 ·74	18 ·34	19
25	Thur. 4	7 ·66	19 ·29	20
26	Fri. 5	8 ·59	20 ·24	21
27	Sat. 6	9 ·55	21 ·20	22
28	Sun. 7	10 ·52	22 ·20	23
29	Mon. 8	11 ·50	23 ·22	24
—30	Tues. 9	12 ·51	24 ·25	25
1	Wed. 10	13 ·54	25 ·29	26
2	Thur. 11	14 ·59	26 ·36	27
3	Fri. 12	—**A** ·66	27 ·45	28
4	Sat. 13	1 ·74	1 ·55	—29
5	Sun. 14	2 ·83	2 ·66	1
6	Mon. 15	3 ·91	3 ·77	2
7	Tues. 16	4 ·99	4 ·87	3
8	Wed. 17	... ...	5 ·96	4
9	Thur. 18	5 ·05	... ...	5
10	Fri. 19	6 ·10	6 ·03	6
11	Sat. 20	7 ·12	7 ·08	7
12	Sun. 21	8 ·12	8 ·12	8
13	Mon. 22	9 ·10	9 ·13	9
14	Tues. 23	10 ·06	10 ·12	10
15	Wed. 24	11 ·01 / 12 ·94	11 ·09	11
16	Thur. 25	13 ·86	12 ·06	12
17	Fri. 26	14 ·77	13 ·01 / 14 ·95	13
18	Sat. 27	☿ ·68	15 ·88	14
19	Sun. 28	1 ·57	16 ·80	15
20	Mon. 29	2 ·47	17 ·74	16
21	Tues. 30	3 ·36	18 ·68	17

SOLAR reckoning. Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Śubhakṛit. **Vaiśākha—Vai.**	**May.**			
22	Wed. 1	4 ·27	19 ·62	18
23	Thur. 2	5 ·19	20 ·57	19
24	Fri. 3	6 ·12	21 ·54	20
25	Sat. 4	7 ·09	22 ·52	21
26	Sun. 5	8 ·05	23 ·54	22
27	Mon. 6	9 ·02	24 ·56	23
28	Tues. 7	10 ·03	25 ·60	24
29	Wed. 8	11 ·07	26 ·67	25
30	Thur. 9	12 ·12	27 ·75	26
—31	Fri. 10	13 ·18	1 ·85	27
1	Sat. 11	14 ·26	2 ·96	28
2	Sun. 12	—**A** ·34	... ...	29
3	Mon. 13	1 ·42	3 ·07	—30
4	Tues. 14	2 ·50	4 ·17	1
5	Wed. 15	3 ·57	5 ·26	2
6	Thur. 16	4 ·61	6 ·35	3
7	Fri. 17	5 ·63	7 ·40	4
8	Sat. 18	6 ·64	8 ·44	5
9	Sun. 19	7 ·62	9 ·45	6
10	Mon. 20	8 ·59	10 ·45	7
11	Tues. 21	9 ·53	11 ·43	8
12	Wed. 22	10 ·45	12 ·40	9
13	Thur. 23	11 ·37	13 ·34	10
14	Fri. 24	12 ·28	14 ·28	11
15	Sat. 25	13 ·19	15 ·21	12
16	Sun. 26	14 ·08 / ☿ ·98	16 ·15	13
17	Mon. 27	1 ·87	17 ·08	14
18	Tues. 28	2 ·78	18 ·02 / 19 ·96	15
19	Wed. 29	3 ·70	20 ·91	16
20	Thur. 30	4 ·63	21 ·87	17
21	Fri. 31	5 ·59	22 ·85	18
		June.		
22	Sat. 1	6 ·54	23 ·86	19
23	Sun. 2	7 ·53	24 ·88	20
24	Mon. 3	8 ·53	25 ·91	21
25	Tues. 4	9 ·56	26 ·97	22
26	Wed. 5	10 ·60	... ...	23
27	Thur. 6	11 ·68	27 ·06	24
28	Fri. 7	12 ·76	1 ·15	25
29	Sat. 8	13 ·84	2 ·26	26
30	Sun. 9	14 ·92	3 ·37	27
—31	Mon. 10	... ...	4 ·47	28
1	Tues. 11	—**A** ·00	5 ·57	—29
2	Wed. 12	1 ·06	6 ·65	1
3	Thur. 13	2 ·09	7 ·71	2
4	Fri. 14	3 ·12	8 ·75	3
5	Sat. 15	4 ·13	9 ·77	4
6	Sun. 16	5 ·10	10 ·78	5
7	Mon. 17	6 ·07	11 ·76	6
8	Tues. 18	7 ·02 / 8 ·96	12 ·73	7
9	Wed. 19	9 ·86	13 ·68	8
10	Thur. 20	10 ·77	14 ·62	9
11	Fri. 21	11 ·67	15 ·55	10
12	Sat. 22	12 ·56	16 ·49	11
13	Sun. 23	13 ·46	17 ·42	12
14	Mon. 24	14 ·36	18 ·35	13
15	Tues. 25	☿ ·27	19 ·29	14
16	Wed. 26	1 ·18	20 ·24	15
17	Thur. 27	2 ·12	21 ·21	16
18	Fri. 28	3 ·06	22 ·19	17
19	Sat. 29	4 ·02	23 ·18	18
20	Sun. 30	5 ·01	24 ·19	19

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. F. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swāti. 16. Vis. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1782. **Kollam 958,** { **N. Malabar—Sep.** **Hijra 1197.** **Vikrama 1839.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Dec. 7.** **Bengal San. 1188.**
P—Paurnimā. **(N. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Mon.	1	*Bahula.* 6 ·01	25 ·23	20	20	Sun.	1	*Bahula.* 9 ·45	5 ·48	23	19	Fri.	1	11 ·68	11 ·40	25
22	Tues.	2	7 ·04	26 ·29	21	21	Mon.	2	10 ·51	6 ·57	24	20	Sat.	2	12 ·65	12 ·39	26
23	Wed.	3	8 ·08	27 ·36	22	22	Tues.	3	11 ·56	7 ·64	25	21	Sun.	3	13 ·58	13 ·36	27
24	Thur.	4	9 ·15	1 ·45	23	23	Wed.	4	12 ·59	8 ·70	26	22	Mon.	4	14 ·50	14 ·31	28
25	Fri.	5	10 ·22	2 ·56	24	24	Thur.	5	13 ·60	9 ·74	27	23	Tues.	5	—**A** ·41	15 ·25	29
26	Sat.	6	11 ·30	3 ·67	25	25	Fri.	6	14 ·59	10 ·75	28	24	Wed.	6	1 ·32	16 ·20	—30
27	Sun.	7	12 ·39	4 ·78	26	26	Sat.	7	—**A** ·55	11 ·74	29	25	Thur.	7	2 ·22	17 ·12	1
28	Mon.	8	13 ·46	5 ·87	27	27	Sun.	8	1 ·51	12 ·72	—30	26	Fri.	8	3 ·12	18 ·04	2
29	Tues.	9	14 ·53	6 ·96	28	28	Mon.	9	2 ·43	13 ·69	1					19 ·98	
30	Wed.	10	—**A** ·57	... ...	29	29	Tues.	10	3 ·36	14 ·64	2	27	Sat.	9	4 ·02	20 ·92	3
31	Thur.	11	1 ·60	7 ·02	—30	30	Wed.	11	4 ·26	15 ·58	3				5 ·94		
—32	Fri.	12	2 ·60	8 ·07	1	—31	Thur.	12	5 ·16	16 ·51	4	28	Sun.	10	6 ·86	21 ·87	4
1	Sat.	13	3 ·58	9 ·10	2				6 ·07			29	Mon.	11	7 ·79	22 ·84	5
2	Sun.	14	4 ·55	10 ·11	3	1	Fri.	13	7 ·96	17 ·44	5	—30	Tues.	12	*Śukla.* 8 ·73	23 ·81	6
3	Mon.	15	5 ·49	11 ·09	4	2	Sat.	14	*Śukla.* 8 ·87	18 ·38	6	1	Wed.	13	9 ·70	24 ·80	7
4	Tues.	16	*Śukla.* 6 ·43	12 ·06	5	3	Sun.	15	9 ·78	19 ·31	7	2	Thur.	14	10 ·70	25 ·81	8
5	Wed.	17	7 ·34	13 ·01	6	4	Mon.	16	10 ·70	20 ·25	8	3	Fri.	15	11 ·71	26 ·84	9
				14 ·96		5	Tues.	17	11 ·63	21 ·20	9	4	Sat.	16	12 ·73	27 ·90	10
6	Thur.	18	8 ·25	15 ·90	7	6	Wed.	18	12 ·57	22 ·17	10	5	Sun.	17	13 ·78	1 ·97	11
7	Fri.	19	9 ·15	16 ·83	8	7	Thur.	19	13 ·53	23 ·16	11	6	Mon.	18	14 ·85	... ...	12
8	Sat.	20	10 ·06	17 ·76	9	8	Fri.	20	14 ·51	24 ·16	12	7	Tues.	19	**P** ·93	2 ·06	13
			11 ·95			9	Sat.○	21	**P** ·53	25 ·18	13	8	Wed.	20	... ...	3 ·16	14
9	Sun.	21	12 ·84	18 ·69	10	10	Sun.	22	1 ·55	26 ·22	14	9	Thur.	21	1 ·01	4 ·27	15
10	Mon.	22	13 ·75	19 ·63	11	11	Mon.	23	2 ·60	27 ·28	15	10	Fri.	22	2 ·11	5 ·38	16
11	Tues.	23	14 ·66	20 ·58	12	12	Tues.	24	3 ·65	1 ·36	16	11	Sat.	23	3 ·19	6 ·48	17
12	Wed.	24	**P** ·60	21 ·54	13	13	Wed.	25	4 ·73	2 ·46	17	12	Sun.	24	4 ·26	7 ·57	18
13	Thur.	25	1 ·54	22 ·51	14	14	Thur.	26	5 ·81	3 ·57	18	13	Mon.	25	5 ·31	8 ·64	19
14	Fri.	26	2 ·51	23 ·50	15	15	Fri.	27	6 ·89	4 ·67	19	14	Tues.	26	6 ·35	9 ·68	20
15	Sat.	27	3 ·49	24 ·51	16	16	Sat.	28	7 ·98	5 ·78	20	15	Wed.	27	7 ·35	10 ·72	21
16	Sun.	28	4 ·49	25 ·55	17	17	Sun.	29	... ...	6 ·87	21	16	Thur.	28	8 ·34	11 ·72	22
17	Mon.	29	5 ·51	26 .60	18	18	Mon.	30	8 ·05	7 ·96	22	17	Fri.	29	9 ·31	12 ·72	23
18	Tues.	30	6 ·55	27 ·67	19							18	Sat.	30	10 ·26	13 ·69	24
19	Wed.	31	7 ·62	1 ·75	20												
	Aug.						**Oct.**						**Dec.**				
20	Thur.	1	*Bahula.* 8 ·69	2 ·85	21	19	Tues.	1	9 ·10	... ...	23	19	Sun.	1	11 ·20	14 ·64	25
21	Fri.	2	9 ·78	3 ·97	22	20	Wed.	2	10 ·13	8 ·02	24	20	Mon.	2	12 ·13	15 ·59	26
22	Sat.	3	10 ·86	... ...	23	21	Thur.	3	11 ·15	9 ·05	25	21	Tues.	3	13 ·04	16 ·53	27
23	Sun.	4	11 ·94	4 ·08	24	22	Fri.	4	12 ·13	10 ·07	26				14 ·94		
24	Mon.	5	... ...	5 ·18	25	23	Sat.	5	13 ·10	11 ·07	27	22	Wed.	4	—**A** ·84	17 ·46	28
25	Tues.	6	12 ·00	6 ·26	26	24	Sun.●	6	14 ·06	12 ·06	28	23	Thur.	5	1 ·75	18 ·39	29
26	Wed.	7	13 ·05	7 ·33	27				**A** ·99			24	Fri.	6	2 ·65	19 ·32	30
27	Thur.	8	14 ·09	8 ·38	28	25	Mon.	7	1 ·91	13 ·02	—29	25	Sat.	7	3 ·55	20 ·26	1
28	Fri.	9	—**A** ·09	9 ·42	—29					14 ·97		26	Sun.	8	4 ·48	21 ·21	2
29	Sat.	10	1 ·07	10 ·43	1	26	Tues.	8	2 ·81	15 ·91	1	27	Mon.	9	5 ·42	22 ·17	3
			2 ·03			27	Wed.	9	3 ·72	16 ·85	2	28	Tues.	10	6 ·36	23 ·14	4
30	Sun.	11	3 ·99	11 ·42	2	28	Thur.	10	4 ·63	17 ·79	3	—29	Wed.	11	7 ·33	24 ·12	5
—31	Mon.	12	4 ·92	12 ·39	3	29	Fri.	11	5 ·53	18 ·71	4	1	Thur.	12	8 ·33	25 ·13	6
1	Tues.	13	5 ·84	13 ·35	4	30	Sat.	12	6 ·43	19 ·65	5	2	Fri.	13	9 ·34	26 ·16	7
2	Wed.	14	6 ·74	14 ·30	5	—31	Sun.	13	7 ·34	20 ·59	6	3	Sat.	14	10 ·37	27 ·21	8
3	Thur.	15	7 ·64	15 ·24	6	1	Mon.	14	8 ·26	21 ·53	7	4	Sun.	15	11 ·43	1 ·28	9
4	Fri.	16	8 ·55	16 ·17	7	2	Tues.	15	9 ·19	22 ·50	8	5	Mon.	16	12 ·50	2 ·36	10
5	Sat.	17	9 ·44	17 ·10	8	3	Wed.	16	10 ·15	23 ·48	9	6	Tues.	17	13 ·58	3 ·46	11
				18 ·03		4	Thur.	17	11 ·10	24 ·48	10	7	Wed.	18	14 ·68	4 ·58	12
6	Sun.	18	10 ·35	19 ·97	9	5	Fri.	18	12 ·09	25 ·49	11	8	Thur.	19	**P** ·76	5 ·68	13
7	Mon.	19	11 ·25	20 ·92	10	6	Sat.	19	13 ·10	26 ·53	12	9	Fri.	20	1 ·83	6 ·78	14
8	Tues.	20	12 ·16	21 ·87	11	7	Sun.	20	14 ·12	27 ·58	13	10	Sat.	21	2 ·90	7 ·87	15
9	Wed.	21	13 ·10	22 ·84	12	8	Mon.	21	**P** ·17	1 ·66	14	11	Sun.	22	3 ·95	8 ·94	16
10	Thur.	22	14 ·04	23 ·82	13	9	Tues.	22	1 ·24	2 ·76	15	12	Mon.	23	4 ·99	... ...	17
			P ·01			10	Wed.	23	2 ·31	3 ·86	16	13	Tues.	24	5 ·99	9 ·00	18
11	Fri.	23	1 ·98	24 ·84	14	11	Thur.	24	3 ·39	4 ·97	17	14	Wed.	25	6 ·99	10 ·04	19
12	Sat.	24	2 ·99	25 ·86	15	12	Fri.	25	4 ·49	... ...	18	15	Thur.	26	7 ·95	11 ·05	20
13	Sun.	25	... ...	26 ·91	16	13	Sat.	26	5 ·57	5 ·08	19	16	Fri.	27	8 ·90	12 ·04	21
14	Mon.	26	3 ·01	27 ·97	17	14	Sun.	27	6 ·65	6 ·18	20	17	Sat.	28	9 ·84	13 ·02	22
15	Tues.	27	4 ·05	... ...	18	15	Mon.	28	7 ·68	7 ·26	21					14 ·98	
16	Wed.	28	5 ·13	1 ·06	19	16	Tues.	29	8 ·71	8 ·33	22	18	Sun.	29	10 ·76	15 ·93	23
17	Thur.	29	6 ·20	2 ·16	20	17	Wed.	30	9 ·74	9 ·37	23	19	Mon.	30	11 ·67	16 ·87	24
18	Fri.	30	7 ·27	3 ·27	21	18	Thur.	31	10 ·72	10 ·39	24	20	Tues.	31	12 ·58	17 ·80	25
19	Sat.	31	8 ·35	4 ·37	22												

Śubhakṛit. **Karkaṭaka—Āḍi.** *H.* 1196 *Shaʻbān.* *Śubhakṛit.* **Kanyā—Puraṭṭāsi.** *H.* 1196 *Shawwāl.* *Śubhakṛit.* **Vṛiśchika—Kārttigai.** *H.* 1196 *Zi-l-ka'da.* *Śubhakṛit.* **Dhanus—Mārgaḷi.** *H.* 1197 *Muharram.*
Śubhakṛit. **Siṁha—Āvaṇi.** *H.* 1196 *Ramazān.* *Śubhakṛit.* **Tulā—Aippasi.** *H.* 1196 *Zi-l-ka'da.* *Śubhakṛit.* **Dhanus—Mārgaḷi.** *H.* 1197 *Muharram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1783. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·35.** **Śaka 1705.** **Kaliyuga 4884.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·25.** **(S. Cycle) Śobhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Wed.	1	13 ·49	18 ·73	26	21	Sat.	1	13 ·38	22 ·16	26	22	Thur.	1	—**A** ·39	2 ·89	28
22	Thur.	2	14 ·38	19 ·66	27	22	Sun.	2	14 ·31	23 ·13	27	23	Fri.	2	1 ·44	3 ·97	29
23	Fri.	3	—**A** ·29	20 ·60	28	23	Mon.	3	—**A** ·27	24 ·11	28	24	Sat.	3	2 ·51	... ...	—30
24	Sat.	4	1 ·20	21 ·55	29	24	Tues.	4	1 ·24	25 ·10	29	25	Sun.	4	3 ·59	4 ·07	1
25	Sun.	5	2 ·12	22 ·50	—30	25	Wed.	5	2 ·22	26 ·11	—30	26	Mon.	5	4 ·68	5 ·18	2
26	Mon.	6	3 ·06	23 ·46	1	26	Thur.	6	3 ·24	27 ·14	1	27	Tues.	6	5 ·75	6 ·29	3
27	Tues.	7	4 ·01 5 ·99	24 ·45	2	27	Fri.	7	4 ·27	1 ·20	2	28	Wed.	7	6 ·82	7 ·39	4
28	Wed.	8	6 ·97	25 ·46	3	28	Sat.	8	5 ·34	2 ·28	3	29	Thur.	8	7 ·89	8 ·48	5
29	Thur.	9	... ...	26 ·48	4	29	Sun.	9	6 ·41	3 ·37	4	30	Fri.	9	8 ·94	9 ·56	6
—30	Fri.	10	7 ·00	27 ·52	5	—30	Mon.	10	7 ·50	4 ·47	5	—31	Sat.	10	9 ·96	10 ·62	7
1	Sat.	11	8 ·02	1 ·58	6	1	Tues.	11	8 ·58	5 ·58	6	1	Sun.	11	10 ·95	11 ·66	8
2	Sun.	12	9 ·07	2 ·66	7	2	Wed.	12	9 ·67	6 ·68	7	2	Mon.	12	11 ·94	12 ·67	9
3	Mon.	13	10 ·15	3 ·77	8	3	Thur.	13	10 ·74	7 ·78	8	3	Tues.	13	12 ·90	13 ·67	10
4	Tues.	14	11 ·23	4 ·87	9	4	Fri.	14	11 ·79	8 ·87	9	4	Wed.	14	13 ·83	14 ·64	11
5	Wed.	15	12 ·32	5 ·98	10	5	Sat.	15	12 ·84	9 ·94	10	5	Thur.	15	14 ·76	15 ·61	12
6	Thur.	16	13 ·40	... ...	11	6	Sun.	16	13 ·86	10 ·99	11	6	Fri.	16	☽ ·67	16 ·56	13
7	Fri.	17	14 ·49	6 ·08	12	7	Mon.	17	14 ·85	... ...	12	7	Sat.	17	1 ·59	17 ·50	14
8	Sat.	18	☽ ·55	7 ·17	13	8	Tues.○	18	☽ ·84	11 ·01	13	8	Sun.	18	2 ·49	18 ·43	15
9	Sun.	19	1 ·59	8 ·25	14	9	Wed.	19	1 ·82	12 ·03	14	9	Mon.	19	3 ·39	19 ·36	16
10	Mon.	20	2 ·64	9 ·32	15	10	Thur.	20	2 ·76	13 ·01 14 ·98	15	10	Tues.	20	4 ·29	20 ·29	17
11	Tues.	21	3 ·64	10 ·36	16	11	Fri.	21	3 ·69	15 ·94	16	11	Wed.	21	5 ·18	21 ·24	18
12	Wed.	22	4 ·63	11 ·37	17	12	Sat.	22	4 ·62	16 ·88	17	12	Thur.	22	6 ·09	22 ·18	19
13	Thur.	23	5 ·59	12 ·37	18	13	Sun.	23	5 ·52	17 ·83	18	13	Fri.	23	7 ·01 8 ·95	23 ·13	20
14	Fri.	24	6 ·55	13 ·35	19	14	Mon.	24	6 ·42	18 ·76	19	14	Sat.	24	9 ·89	24 ·09	21
15	Sat.	25	7 ·48	14 ·32	20	15	Tues.	25	7 ·32	19 ·69	20	15	Sun.	25	10 ·87	25 ·07	22
16	Sun.	26	8 ·40	15 ·27	21	16	Wed.	26	8 ·22	20 ·62	21	16	Mon.	26	11 ·85	26 ·08	23
17	Mon.	27	9 ·30	16 ·21	22	17	Thur.	27	9 ·13	21 ·55	22	17	Tues.	27	12 ·86	27 ·10	24
18	Tues.	28	10 ·21	17 ·14	23	18	Fri.	28	10 ·04 11 ·96	22 ·51	23	18	Wed.	28	13 ·88	1 ·13	25
19	Wed.	29	11 ·11	18 ·07 19 ·99	24	19	Sat.	29	12 ·89	23 ·46	24	19	Thur.	29	14 ·94	2 ·19	26
20	Thur.	30	12 ·01 13 ·92	20 ·94	25	20	Sun.	30	13 ·85	24 ·43	25	20	Fri.	30	... ...	3 ·27	27
21	Fri.	31	14 ·83	21 ·88	26	21	Mon.	31	14 ·82	25 ·42	26	21	Sat.	31	—**A** ·01	4 ·38	28
	Feb.						**April.**						**June.**				
22	Sat.	1	—**A** ·76	22 ·83	27	22	Tues.	1	—**A** ·81	26 ·43	27	22	Sun.	1	1 ·09	5 ·48	—29
23	Sun.	2	1 ·70	23 ·79	28	23	Wed.	2	1 ·83	27 ·46	28	23	Mon.	2	2 ·17	6 ·59	1
24	Mon.	3	2 ·64	24 ·78	—29	24	Thur.	3	2 ·86	1 ·51	—29	24	Tues.	3	3 ·25	7 ·69	2
25	Tues.	4	3 ·63	25 ·78	1	25	Fri.	4	3 ·91	2 ·58	1	25	Wed.	4	4 ·33	8 ·78	3
26	Wed.	5	4 ·61	26 ·79	2	26	Sat.	5	4 ·98	3 ·67	2	26	Thur.	5	5 ·39	9 ·87	4
27	Thur.	6	5 ·63	27 ·83	3	27	Sun.	6	... ...	4 ·77	3	27	Fri.	6	6 ·42	10 ·93	5
28	Fri.	7	6 ·66	1 ·89	4	28	Mon.	7	5 ·07	5 ·87	4	28	Sat.	7	7 ·45	11 ·97	6
—29	Sat.	8	7 ·72	2 ·98	5	29	Tues.	8	6 ·15	6 ·99	5	29	Sun.	8	8 ·45	12 ·99	7
1	Sun.	9	8 ·79	... ...	6	—30	Wed.	9	7 ·24	... ...	6	30	Mon.	9	9 ·44	13 ·99	8
2	Mon.	10	9 ·87	3 ·07	7	1	Thur.	10	8 ·31	7 ·09	7	31	Tues.	10	10 ·39	14 ·97	9
3	Tues.	11	10 ·96	4 ·18	8	2	Fri.	11	9 ·36	8 ·18	8	—32	Wed.	11	11 ·34	15 ·95	10
4	Wed.	12	... ...	5 ·28	9	3	Sat.	12	10 ·41	9 ·25	9	1	Thur.	12	12 ·27	16 ·90	11
5	Thur.	13	11 ·04	6 ·38	10	4	Sun.	13	11 ·42	10 ·30	10	2	Fri.	13	13 ·18	17 ·84	12
6	Fri.	14	12 ·13	7 ·48	11	5	Mon.	14	12 ·43	11 ·34	11	3	Sat.	14	14 ·09 ☽ ·99	18 ·77	13
7	Sat.	15	13 ·19	8 ·57	12	6	Tues.	15	13 ·41	12 ·35	12	4	Sun.	15	1 ·88	19 ·70	14
8	Sun.	16	14 ·25	9 ·63	13	7	Wed.	16	14 ·38	13 ·34	13	5	Mon.	16	2 ·78	20 ·64	15
9	Mon.	17	☽ ·27	10 ·67	14	8	Thur.	17	☽ ·32	14 ·31	14	6	Tues.	17	3 ·69	21 ·57	16
10	Tues.	18	1 ·28	11 ·69	15	9	Fri.	18	1 ·25	15 ·27	15	7	Wed.	18	4 ·59	22 ·51	17
11	Wed.	19	2 ·26	12 ·69	16	10	Sat.	19	2 ·17	16 ·23	16	8	Thur.	19	5 ·51	23 ·46	18
12	Thur.	20	3 ·23	13 ·67	17	11	Sun.	20	3 ·08 4 ·98	17 ·16	17	9	Fri.	20	6 ·44	24 ·42	19
13	Fri.	21	4 ·16	14 ·64	18	12	Mon.	21	5 ·87	18 ·10	18	10	Sat.	21	7 ·38	25 ·40	20
14	Sat.	22	5 ·09	15 ·60	19	13	Tues.	22	6 ·77	19 ·02 20 ·95	19	11	Sun.	22	8 ·35	26 ·40	21
15	Sun.	23	6 ·02 7 ·93	16 ·54	20	14	Wed.	23	7 ·67	21 ·89	20	12	Mon.	23	9 ·33	27 ·41	22
16	Mon.	24	8 ·84	17 ·48	21	15	Thur.	24	8 ·58	22 ·84	21	13	Tues.	24	10 ·35	1 ·45	23
17	Tues.	25	9 ·73	18 ·42	22	16	Fri.	25	9 ·51	23 ·79	22	14	Wed.	25	11 ·36	2 ·50	24
18	Wed.	26	10 ·63	19 ·35	23	17	Sat.	26	10 ·44	24 ·76	23	15	Thur.	26	12 ·42	3 ·58	25
19	Thur.	27	11 ·54	20 ·28	24	18	Sun.	27	11 ·39	25 ·74	24	16	Fri.	27	13 ·48	4 ·67	26
20	Fri.	28	12 ·44	21 ·22	25	19	Mon.	28	12 ·36	26 ·75	25	17	Sat.	28	14 ·55	5 ·77	27
						20	Tues.	29	13 ·35	27 ·78	26	18	Sun.	29	—**A** ·64	6 ·88	28
						21	Wed.	30	14 ·35	1 ·82	27	19	Mon.	30	1 ·72	7 ·99	29

Śubhakṛit. **Makara—Tai.** *Śobhana.* **Kumbha—Māśi.** *Śobhakṛit.* **Mīna—Pāguni.** *Śobhana.* **Mēsha—Chittirai.** *Śobhana.* **Vrishabha—Vaigāśi.** *Śobhana.* **Mithuna—Āni.**

H. 1197 *Śafar.* *H.* 1197 *Rabī-ul ākhir.* *H.* 1197 *Jamādā'l awwal.* *H.* 1197 *Jamādā'l ākhir.* *H.* 1197 *Rajab.*

Naksh;—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1783. **Kollam 959,** { **N. Malabar—Sep.** **Hijra 1198.** **Vikrama 1840.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 26.** **Bengal San. 1189.**
P—Paurnimā. **(N. Cycle) Ānanda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
20	Tues.	1	2 ·80	... ...	−30	19	Mon.	1	5 ·81	15 ·94	3	19	Sat.	1	7 ·40	21 ·27	5
21	Wed.	2	3 ·86	8 ·09	1	20	Tues.	2	6 ·75	16 ·90	4	20	Sun.	2	8 ·31	22 ·20	6
22	Thur.	3	4 ·91	9 ·18	2	21	Wed.	3	7 ·66	17 ·86	5	21	Mon.	3	9 ·22	23 ·14	7
23	Fri.	4	*Sukla.* 5 ·93	10 ·24	3	22	Thur.	4	8 ·57	18 ·80	6	22	Tues.	4	10 ·14	24 ·09	8
24	Sat.	5	6 ·92	11 ·29	4	23	Fri.	5	9 ·47	19 ·73	7	23	Wed.	5	11 ·09	25 ·05	9
25	Sun.	6	7 ·91	12 ·31	5	24	Sat.	6	10 ·37	20 ·66	8	24	Thur.	6	12 ·03	26 ·03	10
26	Mon.	7	8 ·87	13 ·32	6	25	Sun.	7	11 ·26	21 ·59	9	25	Fri.	7	13 ·00	27 ·02	11
27	Tues.	8	9 ·81	14 ·31	7	26	Mon.	8	12 ·16	22 ·53	10				14 ·98		
28	Wed.	9	10 ·74	15 ·28	8	27	Tues.	9	13 ·08	23 ·47	11	26	Sat.	8	... ...	1 ·03	12
29	Thur.	10	11 ·66	16 ·23	9				14 ·00			27	Sun.	9	P ·00	2 ·06	13
30	Fri.	11	12 ·56	17 ·18	10	28	Wed. ○	10	P ·94	24 ·42	12	28	Mon.	10	1 ·03	3 ·11	14
−31	Sat.	12	13 ·47	18 ·11	11	29	Thur.	11	1 ·88	25 ·39	13	29	Tues.	11	2 ·07	4 ·19	15
			Āshādha.	19 ·05		30	Fri.	12	2 ·84	26 ·37	14	−30	Wed.	12	3 ·14	5 ·28	16
1	Sun.	13	14 ·36	20 ·98	12	−31	Sat.	13	3 ·83	27 ·37	15	1	Thur.	13	4 ·22	6 ·38	17
2	Mon.	14	P ·26	21 ·91	13	1	Sun.	14	4 ·85	1 ·40	16	2	Fri.	14	5 ·32	7 ·49	18
3	Tues.	15	1 ·15	22 ·85	14	2	Mon.	15	5 ·87	2 ·44	17	3	Sat.	15	6 ·41	8 ·59	19
4	Wed.	16	2 ·06	23 ·79	15	3	Tues.	16	6 ·91	3 ·50	18	4	Sun.	16	7 ·49	9 ·70	20
			3 ·98			4	Wed.	17	7 ·97	4 ·58	19	5	Mon.	17	8 ·55	10 ·79	21
5	Thur.	17	4 ·91	24 ·76	16	5	Thur.	18	... ...	5 ·67	20	6	Tues.	18	9 ·60	11 ·86	22
6	Fri.	18	5 ·86	25 ·73	17	6	Fri.	19	8 ·04	6 ·78	21	7	Wed.	19	10 ·64	12 ·90	23
7	Sat.	19	6 ·83	26 ·72	18	7	Sat.	20	9 ·12	7 ·89	22	8	Thur.	20	11 ·64	13 ·93	24
8	Sun.	20	7 ·81	27 ·73	19	8	Sun.	21	10 ·21	... ...	23	9	Fri.	21	12 ·63	14 ·94	25
9	Mon.	21	8 ·82	1 ·76	20	9	Mon.	22	11 ·29	8 ·00	24	10	Sat.	22	13 ·59	15 ·94	26
10	Tues.	22	9 ·84	2 ·82	21	10	Tues.	23	12 ·37	9 ·09	25	11	Sun.	23	14 ·55	16 ·91	27
11	Wed.	23	10 ·89	3 ·89	22	11	Wed.	24	13 ·41	10 ·17	26	12	Mon.	24	**A** ·49	17 ·86	28
12	Thur.	24	11 ·94	4 ·98	23	12	Thur.	25	14 ·44	11 ·24	27	13	Tues.	25	1 ·41	18 ·81	−29
13	Fri.	25	... ...	... ...	24	13	Fri.	26	**A** ·45	12 ·28	28	14	Wed.	26	2 ·31	19 ·74	1
14	Sat.	26	12 ·03	5 ·07	25	14	Sat.	27	1 ·48	13 ·29	−29	15	Thur.	27	3 ·22	20 ·68	2
15	Sun.	27	13 ·11	6 ·18	26	15	Sun.	28	2 ·41	14 ·29	1	16	Fri.	28	4 ·13	21 ·61	3
16	Mon.	28	14 ·19	7 ·29	27	16	Mon.	29	3 ·35	15 ·27	2	17	Sat.	29	5 ·02	22 ·54	4
17	Tues.	29	**A** ·27	8 ·40	28	17	Tues.	30	4 ·29	16 ·24	3				6 ·93		
18	Wed.	30	1 ·33	9 ·48	−29							18	Sun.	30	7 ·85	23 ·48	5
19	Thur.	31	2 ·39	10 ·55	1												
	Aug.						**Oct.**						**Dec.**				
20	Fri.	1	3 ·40	11 ·60	2	18	Wed.	1	5 ·21	17 ·19	4	19	Mon.	1	8 ·77	24 ·42	6
21	Sat.	2	4 ·41	12 ·63	3	19	Thur.	2	6 ·12	18 ·13	5	20	Tues.	2	9 ·70	25 ·39	7
22	Sun.	3	5 ·39	13 ·65	4	20	Fri.	3	7 ·02	19 ·07	6	21	Wed.	3	10 ·65	26 ·36	8
23	Mon.	4	6 ·36	14 ·64	5				8 ·93			22	Thur.	4	11 ·63	27 ·34	9
24	Tues.	5	7 ·30	15 ·61	6	21	Sat.	4	9 ·82	20 ·00	7	23	Fri.	5	12 ·61	1 ·35	10
25	Wed.	6	8 ·23	16 ·57	7	22	Sun.	5	10 ·72	21 ·92	8	24	Sat.	6	13 ·63	2 ·37	11
26	Thur.	7	9 ·15	17 ·51	8	23	Mon.	6	11 ·63	22 ·87	9	25	Sun.	7	14 ·66	3 ·43	12
27	Fri.	8	10 ·06	18 ·46	9	24	Tues.	7	12 ·55	23 ·81	10	26	Mon.	8	P ·72	4 ·50	13
			11 ·96			25	Wed.	8	13 ·49	24 ·75	11	27	Tues.	9	1 ·78	5 ·58	14
28	Sat.	9	12 ·85	19 ·39	10	26	Thur.	9	14 ·43	25 ·72	12	28	Wed.	10	2 ·86	6 ·68	15
29	Sun.	10	13 ·75	20 ·32	11	27	Fri.	10	P ·41	26 ·69	13	29	Thur.	11	3 ·95	7 ·79	16
30	Mon.	11	14 ·65	21 ·25	12	28	Sat.	11	1 ·39	27 ·70	14	−30	Fri.	12	... ...	8 ·90	17
31	Tues.	12	P ·56	22 ·18	13	29	Sun.	12	2 ·41	1 ·71	15	1	Sat.	13	4 ·05	... ...	18
−32	Wed.	13	1 ·49	23 ·14	14	−30	Mon.	13	3 ·43	2 ·75	16	2	Sun.	14	5 ·13	9 ·00	19
1	Thur.	14	2 ·41	24 ·09	15	1	Tues.	14	4 ·47	3 ·81	17	3	Mon.	15	6 ·19	10 ·09	20
2	Fri.	15	3 ·35	25 ·06	16	2	Wed.	15	5 ·54	4 ·88	18	4	Tues.	16	7 ·25	11 ·16	21
3	Sat.	16	4 ·32	26 ·04	17	3	Thur.	16	6 ·61	5 ·98	19	5	Wed.	17	8 ·27	12 ·22	22
4	Sun.	17	5 ·31	27 ·05	18	4	Fri.	17	7 ·70	6 ·08	20	6	Thur.	18	9 ·28	13 ·25	23
5	Mon.	18	6 ·32	1 ·07	19	5	Sat.	18	8 ·78	7 ·19	21	7	Fri.	19	10 ·27	14 ·27	24
6	Tues.	19	7 ·33	2 ·13	20	6	Sun.	19	9 ·86	8 ·30	22	8	Sat.	20	11 ·23	15 ·26	25
7	Wed.	20	8 ·38	3 ·19	21	7	Mon.	20	10 ·94	9 ·39	23	9	Sun.	21	12 ·18	16 ·24	26
8	Thur.	21	9 ·45	4 ·28	22	8	Tues.	21	11 ·98	10 ·48	24	10	Mon.	22	13 ·11	17 ·20	27
9	Fri.	22	10 ·53	5 ·37	23	9	Wed.	22	... ...	11 ·55	25	11	Tues.	23	14 ·04	18 ·14	28
10	Sat.	23	11 ·61	6 ·48	24	10	Thur.	23	12 ·02	12 ·59	26				**A** ·94		
11	Sun.	24	12 ·69	7 ·60	25	11	Fri.	24	13 ·03	13 ·61	27	12	Wed.	24	1 ·85	19 ·09	29
12	Mon.	25	13 ·77	8 ·70	26				14 ·02			13	Thur.	25	2 ·76	20 ·02	−30
13	Tues.	26	14 ·84	9 ·79	27	12	Sat.	25	**A** ·98	14 ·61	28					21 ·95	
14	Wed.	27	−**A** ·88	10 ·86	28	13	Sun.	26	1 ·94	15 ·61	29	14	Fri.	26	3 ·66	22 ·88	1
15	Thur.	28	1 ·90	11 ·92	29	14	Mon.	27	2 ·87	16 ·58	−30	15	Sat.	27	4 ·56	23 ·81	2
16	Fri.	29	2 ·92	12 ·96	−30	15	Tues.	28	3 ·78	17 ·53	1	16	Sun.	28	5 ·48	24 ·76	3
17	Sat.	30	3 ·89	13 ·97	1	16	Wed.	29	4 ·70	18 ·47	2	17	Mon.	29	6 ·40	25 ·71	4
18	Sun.	31	4 ·86	14 ·96	2	17	Thur.	30	5 ·60	19 ·40	3	18	Tues.	30	7 ·34	26 ·68	5
						18	Fri.	31	6 ·51	20 ·33	4	19	Wed.	31	8 ·30	27 ·67	6

Śobhana. **Karkataka—Ādi.** *H.* 1197 *Sha'bān.* *Śobhana.* **Kanyā—Purattāsi.** *H.* 1197 *Shawwāl.* *Śobhana.* **Vṛiśchika—Kārttigai.** *H.* 1197 *Zi-l-ka'da.*

Śobhana. **Siṁha—Āvaṇi.** *H.* 1197 *Ramazān.* *Śobhana.* **Tulā—Aippasi.** *H.* 1197 *Zi-l-hijja.* *Śobhana.* **Dhanus—Mārgali.** *H.* 1198 *Muharram.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1784. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·60.** **Śaka 1706.** **Kaliyuga 4885.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·50.** **(S. Cycle) Krodhin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
20	Thur.	1	9 ·27	1 ·67	7	22	Mon.	1	10 ·71	6 ·59	8	22	Sat.	1	11 ·21	12 ·78	10
21	Fri.	2	10 ·26	2 ·70	8	23	Tues.	2	11 ·80	7 ·69	9	23	Sun.	2	12 ·26	13 ·83	11
22	Sat.	3	11 ·27	3 ·74	9	24	Wed.	3	12 ·89	8 ·80	10	24	Mon.	3	13 ·27	14 ·87	12
23	Sun.	4	12 ·31	4 ·80	10	25	Thur.	4	13 ·97	9 ·90	11	25	Tues.	4	14 ·28	15 ·89	13
24	Mon.	5	13 ·37	5 ·88	11	26	Fri.	5	14 ·03	10 ·00	12	26	Wed.	5	P ·26	16 ·89	14
25	Tues.	6	14 ·43	6 ·98	12	27	Sat.	6	P ·10	11 ·09	13	27	Thur.	6	1 ·21	17 ·86	15
26	Wed.	7	P ·52	... ...	13	28	Sun.○	7	1 ·15	12 ·16	14	28	Fri.	7	2 ·15	18 ·82	16
27	Thur.	8	1 ·61	7 ·08	14	29	Mon.	8	2 ·17	13 ·21	15	29	Sat.	8	3 ·07	19 ·77	17
28	Fri.	9	2 ·70	8 ·20	15	30	Tues.	9	3 ·17	14 ·23	16				4 ·99		
29	Sat.	10	3 ·78	9 ·30	16	1	Wed.	10	4 ·16	15 ·24	17	30	Sun.	9	5 ·90	20 ·72	18
1	Sun.	11	4 ·84	10 ·40	17	2	Thur.	11	5 ·12	16 ·23	18	1	Mon.	10	6 ·80	21 ·65	19
2	Mon.	12	5 ·89	11 ·47	18	3	Fri.	12	6 ·06	17 ·20	19	2	Tues.	11	7 ·69	22 ·58	20
3	Tues.	13	6 ·92	12 ·53	19	4	Sat.	13	7 ·99		20	3	Wed.	12	8 ·59	23 ·51	21
4	Wed.	14	7 ·93	13 ·58	20	5	Sun.	14	8 ·90	18 ·16	21	4	Thur.	13	9 ·50	24 ·44	22
5	Thur.	15	8 ·91	14 ·59	21	6	Mon.	15	9 ·81	19 ·10	22	5	Fri.	14	10 ·41	25 ·39	23
6	Fri.	16	9 ·88	15 ·59	22	7	Tues.	16	10 ·71	20 ·04	23	6	Sat.	15	11 ·32	26 ·35	24
7	Sat.	17	10 ·83	16 ·57	23					21 ·97		7	Sun.	16	12 ·26	27 ·31	25
8	Sun.	18	11 ·77	17 ·53	24	8	Wed.	17	11 ·62	22 ·90	24	8	Mon.	17	13 ·22	1 ·29	26
9	Mon.	19	12 ·68	18 ·49	25	9	Thur.	18	12 ·52	23 ·84	25	9	Tues.	18	14 ·19	2 ·29	27
10	Tues.	20	13 ·58	19 ·43	26	10	Fri.	19	13 ·43	24 ·77	26	10	Wed.	19	A ·18	3 ·32	28
11	Wed.	21	14 ·49	20 ·36	27	11	Sat.	20	14 ·34	25 ·72	27	11	Thur.	20	1 ·18	4 ·36	29
12	Thur.	22	A ·39	21 ·29	28	12	Sun	21	A ·25	26 ·67	28	12	Fri.	21	2 ·22	5 ·41	1
13	Fri.	23	1 ·29	22 ·22	29	13	Mon.	22	1 ·19	27 ·65	29	13	Sat.	22	3 ·28	6 ·49	2
14	Sat.	24	2 ·20	23 ·16	1	14	Tues.	23	2 ·15	1 ·64	1	14	Sun.	23	4 ·34	7 ·59	3
15	Sun.	25	3 ·12	24 ·10	2	15	Wed.	24	3 ·13	2 ·65	2	15	Mon.	24	5 ·42	8 ·70	4
16	Mon.	26	4 ·04	25 ·05	3	16	Thur.	25	4 ·11	3 ·68	3	16	Tues.	25	6 ·50	9 ·81	5
			5 ·99			17	Fri.	26	5 ·14	4 ·78	4	17	Wed.	26	7 ·59	10 ·91	6
17	Tues.	27	6 ·94	26 ·01	4	18	Sat.	27	6 ·17	5 ·80	5	18	Thur.	27	8 ·66	... ...	7
				27 ·99													
18	Wed.	28	7 ·91	1 ·99	5	19	Sun.	28	7 ·22	6 ·89	6	19	Fri.	28	9 ·71	11 ·00	8
19	Thur.	29	8 ·90	... ...	6	20	Mon.	29	8 ·30	7 ·99	7	20	Sat.	29	10 ·75	12 ·08	9
20	Fri.	30	9 ·92	2 ·02	7	21	Tues.	30	9 ·38	... ...	8	21	Sun.	30	11 ·77	13 ·14	10
21	Sat.	31	10 ·97	3 ·05	8	22	Wed.	31	10 ·47	8 ·09	9	22	Mon.	31	12 ·77	14 ·19	11
	Feb.						**April.**						**June.**				
22	Sun.	1	... ...	4 ·11	9	23	Thur.	1	11 ·55	9 ·20	10	23	Tues.	1	13 ·75	15 ·21	12
23	Mon.	2	11 ·02	5 ·19	10	24	Fri.	2	12 ·63	10 ·31	11	24	Wed.	2	14 ·72	16 ·21	13
24	Tues.	3	12 ·08	6 ·28	11	25	Sat.	3	13 ·68	11 ·40	12	25	Thur.	3	P ·66	17 ·19	14
25	Wed.	4	13 ·17	7 ·39	12	26	Sun.	4	14 ·72	12 ·47	13	26	Fri.	4	1 ·58	18 ·16	15
26	Thur.	5	14 ·26	8 ·50	13	27	Mon.	5	P ·75	13 ·52	14	27	Sat.	5	2 ·50	19 ·12	16
27	Fri.	6	P ·35	9 ·60	14	28	Tues.	6	1 ·74	14 ·55	15					20 ·06	
28	Sat.	7	1 ·42	10 ·70	15	29	Wed.	7	2 ·73	15 ·57	16	28	Sun.	6	3 ·39	21 ·99	17
29	Sun.	8	2 ·49	11 ·78	16	30	Thur.	8	3 ·68	16 ·56	17	29	Mon.	7	4 ·30	22 ·92	18
1	Mon.	9	3 ·54	12 ·85	17	31	Fri.	9	4 ·62	17 ·53	18	30	Tues.	8	5 ·19	23 ·85	19
2	Tues.	10	4 ·56	13 ·89	18	1	Sat.	10	5 ·55	18 ·49	19	31	Wed.	9	6 ·10	24 ·79	20
3	Wed.	11	5 ·56	14 ·91	19	2	Sun.	11	6 ·47	19 ·44	20				7 ·00		
4	Thur.	12	6 ·54	15 ·91	20	3	Mon.	12	7 ·37	20 ·37	21	32	Thur.	10	8 ·90	25 ·73	21
5	Fri.	13	7 ·51	16 ·90	21	4	Tues.	13	8 ·27	21 ·31	22	1	Fri.	11	9 ·82	26 ·68	22
6	Sat.	14	8 ·45	17 ·87	22	5	Wed.	14	9 ·17	22 ·24	23	2	Sat.	12	10 ·75	27 ·64	23
7	Sun.	15	9 ·39	18 ·82	23	6	Thur.	15	10 ·07	23 ·17	24	3	Sun.	13	11 ·71	1 ·61	24
8	Mon.	16	10 ·30	19 ·76	24				11 ·98			4	Mon.	14	12 ·67	2 ·61	25
9	Tues.	17	11 ·21	20 ·70	25	7	Fri.	16	12 ·89	24 ·11	25	5	Tues.	15	13 ·66	3 ·63	26
10	Wed.	18	12 ·12	21 ·63	26	8	Sat.	17	13 ·81	25 ·05	26	6	Wed.	16	14 ·67	4 ·66	27
11	Thur.	19	13 ·02	22 ·57	27	9	Sun.	18	14 ·74	26 ·01	27	7	Thur.	17	A ·71	5 ·72	28
			14 ·92							27 ·98		8	Fri.	18	1 ·75	6 ·80	29
12	Fri.	20	A ·82	23 ·50	28	10	Mon.	19	A ·70	1 ·96	28	9	Sat.	19	2 ·81	7 ·89	30
13	Sat.	21	1 ·74	24 ·44	29	11	Tues.	20	1 ·68	2 ·97	29	10	Sun.	20	3 ·89	... ...	1
14	Sun.	22	2 ·65	25 ·38	30	12	Wed.	21	2 ·65	3 ·99	30	11	Mon.	21	4 ·97	8 ·00	2
15	Mon.	23	3 ·60	26 ·34	1	13	Thur.	22	3 ·67	... ...	1	12	Tues.	22	... ...	9 ·10	3
16	Tues	24	4 ·56	27 ·32	2	14	Fri.	23	4 ·71	4 ·34	2	13	Wed.	23	5 ·06	10 ·21	4
17	Wed.	25	5 ·54	1 ·32	3	15	Sat.	24	5 ·77	5 ·11	3	14	Thur.	24	6 ·13	11 ·31	5
18	Thur.	26	6 ·52	2 ·33	4	16	Sun.	25	6 ·83	6 ·19	4	15	Fri.	25	7 ·19	12 ·39	6
19	Fri.	27	7 ·53	3 ·36	5	17	Mon.	26	7 ·92	7 ·29	5	16	Sat.	26	8 ·23	13 ·46	7
20	Sat.	28	8 ·58	4 ·42	6	18	Tues.	27	... ...	8 ·39	6	17	Sun.	27	9 ·25	14 ·51	8
21	Sun.	29	9 ·64	5 ·49	7	19	Wed.	28	8 ·01	9 ·51	7	18	Mon.	28	10 ·25	15 ·53	9
						20	Thur.	29	9 ·09	10 ·61	8	19	Tue.	29	11 ·23	16 ·54	10
						21	Fri.	30	10 ·15	11 ·70	9	20	Wed.	30	12 ·20	17 ·52	11

Śobhana. **Makara—Tai.** *Śukla.* **Pausha.** *Bahula.* **Māgha.** *Śukla.* **Phālguna.** *Bahula.* *H.* 1198 *Śafar.* *H.* 1198 *Rabi-ul awwal.*

Śobhana. **Kumbha—Māsi.** *Śukla.* **Māgha.** *Bahula.* **Phālguna.** *Śukla.* **Chaitra.** *Bahula.* *H.* 1198 *Rabi-ul ākhir.* *H.* 1198 *Jamādā'l awwal.*

Śobhana. **Mīna—Pangguni.** *Krodhin.* **Mēsha—Chittirai.** *Krodhin.* **Mithuna—Āni.** *Krodhin.* **Vrishabha—Vaigāsi.** *Śukla.* **Vaiśākha.** *Bahula.* **Jyeshtha.** *Śukla.* **Āshādha.** *H.* 1198 *Jamādā'l ākhir.* *H.* 1198 *Rajab.* *H.* 1198 *Sha'bān.*

Naksh :—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1784. **Kollam 960,** { **N. Malabar—Sep.** **Hijra 1199.** **Vikrama 1841.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 14.** **Bengal San. 1190.**
P—Paurnimā. **(N. Cycle) Rākshasa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Thur.	1	13 ·14	18 ·50	12	20	Wed.	1	2 ·38	26 ·68	15	20	Mon.	1	4 ·28	5 ·28	17
22	Fri.	2	14 ·06 P ·98	19 ·45	13	21	Thur.	2	3 ·31	27 ·64	16	21	Tues.	2	5 ·31	6 ·33	18
23	Sat.	3	1 ·89	20 ·40	14	22	Fri.	3	4 ·24	1 ·61	17	22	Wed.	3	6 ·37	7 ·40	19
24	Sun.	4	2 ·78	21 ·33	15	23	Sat.	4	5 ·18	2 ·59	18	23	Thur.	4	7 ·45	8 ·49	20
25	Mon.	5	3 ·68	22 ·26	16	24	Sun.	5	6 ·16	3 ·59	19	24	Fri.	5	8 ·53	9 ·60	21
26	Tues.	6	4 ·58	23 ·20	17	25	Mon.	6	7 ·14	4 ·61	20	25	Sat.	6	9 ·61	10 ·71	22
27	Wed.	7	5 ·48	24 ·13	18	26	Tues.	7	8 ·16	5 ·66	21	26	Sun.	7	10 ·70	11 ·82	23
28	Thur.	8	6 ·38	25 ·07	19	27	Wed.	8	9 ·18	6 ·72	22	27	Mon.	8	11 ·78	12 ·91	24
29	Fri.	9	7 ·30	26 ·01 27 ·97	20	28	Thur.	9	10 ·23	7 ·80	23	28	Tues.	9	12 ·85	... ...	25
30	Sat.	10	8 ·23	1 ·94	21	29	Fri.	10	11 ·29	8 ·89	24	29	Wed.	10	13 ·89	13 ·00	26
31	Sun.	11	9 ·18	2 ·94	22	30	Sat.	11	12 ·36	:: ::	25	30	Thur.	11	14 ·92	14 ·08	27
1	Mon.	12	10 ·15	3 ·95	23	31	Sun.	12	13 ·45	9 ·00	26	1	Fri.	12	A ·93	15 ·12	28
2	Tues.	13	11 ·14	4 ·98	24	1	Mon.	13	14 ·53	10 ·11	27	2	Sat.	13	1 ·91	16 ·15	29
3	Wed.	14	12 ·14	... ...	25	2	Tues.	14	A ·61	11 ·22	28	3	Sun.	14	2 ·89	17 ·16	1
4	Thur.	15	13 ·18	5 ·03	26	3	Wed.	15	1 ·68	12 ·31	29	4	Mon.	15	3 ·84	18 ·15	2
5	Fri.	16	14 ·23	6 ·10	27	4	Thur.	16	2 ·73	13 ·39	1	5	Tues.	16	4 ·77	19 ·13	3
6	Sat.	17	A ·28	7 ·20	28	5	Fri.	17	3 ·75	14 ·45	2	6	Wed.	17	5 ·68	20 ·08	4
7	Sun.	18	1 ·36	8 ·30	29	6	Sat.	18	4 ·75	15 ·49	3	7	Thur.	18	6 ·60	21 ·03 22 ·96	5
8	Mon.	19	2 ·44	9 ·40	1	7	Sun.	19	5 ·74	16 ·51	4	8	Fri.	19	7 ·50	23 ·89	6
9	Tues.	20	3 ·53	10 ·51	2	8	Mon.	20	6 ·71	17 ·51	5	9	Sat.	20	8 ·40	24 ·83	7
10	Wed.	21	4 ·60	11 ·61	3	9	Tues.	21	7 ·66	18 ·49	6	10	Sun.	21	9 ·30	25 ·76	8
11	Thur.	22	5 ·66	12 ·70	4	10	Wed.	22	8 ·58	19 ·45	7	11	Mon.	22	10 ·21	26 ·70	9
12	Fri.	23	6 ·71	13 ·77	5	11	Thur.	23	9 ·50	20 ·40	8	12	Tues.	23	11 ·13	27 ·64	10
13	Sat.	24	7 ·73	14 ·82	6	12	Fri.	24	10 ·41	21 ·35	9	13	Wed.	24	12 ·05 13 ·98	1 ·60	11
14	Sun.	25	8 ·73	15 ·85	7	13	Sat.	25	11 ·32	22 ·29	10	14	Thur.	25	14 ·94	2 ·57	12
15	Mon.	26	9 ·72	16 ·87	8	14	Sun.	26	12 ·22	23 ·21	11	15	Fri.	26	P ·91	3 ·56	13
16	Tues.	27	10 ·68	17 ·86	9	15	Mon.	27	13 ·12	24 ·14	12	16	Sat.	27	1 ·90	4 ·57	14
17	Wed.	28	11 ·62	18 ·83	10	16	Tues.	28	14 ·02 P ·92	25 ·08	13	17	Sun.	28	2 ·91	5 ·59	15
18	Thur.	29	12 ·55	19 ·79	11	17	Wed.	29	1 ·85	26 ·02 27 ·97	14	18	Mon.	29	3 ·96	6 ·64	16
19	Fri.	30	13 ·47	20 ·73	12	18	Thur.	30	2 ·78	1 ·94	15	19	Tues.	30	... ...	7 ·71	17
20	Sat.	31	14 ·37	21 ·67	18												
	Aug.						**Oct.**						**Dec.**				
21	Sun.	1	P ·27	22 ·60	14	19	Fri.	1	3 ·73	2 ·91	16	20	Wed.	1	4 ·01	8 ·80	18
22	Mon.	2	1 ·17	23 ·54	15	20	Sat.	2	4 ·70	3 ·91	17	21	Thur.	2	5 ·08	9 ·90	19
23	Tues.	3	2 ·07 3 ·97	24 ·47	16	21	Sun.	3	5 ·68	4 ·93	18	22	Fri.	3	6 ·15	... ...	20
24	Wed.	4	4 ·87	25 ·40	17	22	Mon.	4	6 ·70	5 ·97	19	23	Sat.	4	7 ·25	10 ·01	21
25	Thur.	5	5 ·79	26 ·35	18	23	Tues.	5	7 ·72	... ...	20	24	Sun.	5	8 ·34	11 ·11	22
26	Fri.	6	6 ·72	27 ·30	19	24	Wed.	6	8 ·78	6 ·03	21	25	Mon.	6	9 ·41	12 ·21	23
27	Sat.	7	7 ·66	1 ·28	20	25	Thur.	7	9 ·84	7 ·10	22	26	Tues.	7	10 ·48	13 ·31	24
28	Sun.	8	8 ·64	2 ·26	21	26	Fri.	8	10 ·93	8 ·19	23	27	Wed.	8	11 ·53	14 ·39	25
29	Mon.	9	9 ·62	3 ·27	22	27	Sat.	9	... ...	9 ·30	24	28	Thur.	9	12 ·56	15 ·44	26
30	Tues.	10	10 ·63	4 ·29	23	28	Sun.	10	11 ·01	10 ·41	25	29	Fri.	10	13 ·56	16 ·47	27
31	Wed.	11	11 ·66	5 ·34	24	29	Mon.	11	12 ·09	11 ·52	26	30	Sat.	11	14 ·55	17 ·48	28
32	Thur.	12	12 ·70	6 ·41	25	30	Tues.	12	13 ·18	12 ·61	27	1	Sun.	12	A ·52	18 ·48	29
1	Fri.	13	13 ·76	7 ·50	26	1	Wed.	13	14 ·24	13 ·69	28	2	Mon.	13	1 ·46	19 ·45	30
2	Sat.	14	14 ·85	8 ·59	27	2	Thur.	14	A ·29	14 ·76	29	3	Tues.	14	2 ·40	20 ·41	1
3	Sun.	15	A ·94	9 ·70	28	3	Fri.	15	1 ·31	15 ·81	30	4	Wed.	15	3 ·32	21 ·36	2
4	Mon.	16	... ...	10 ·81	29	4	Sat.	16	2 ·33	16 ·83	1	5	Thur.	16	4 ·23	22 ·30	3
5	Tues.	17	1 ·02	11 ·92	30	5	Sun.	17	3 ·31	17 ·83	2	6	Fri.	17	5 ·13	23 ·24	4
6	Wed.	18	2 ·10	... ...	1	6	Mon.	18	4 ·29	18 ·82	3	7	Sat.	18	6 ·03 7 ·93	24 ·17	5
7	Thur.	19	3 ·15	12 ·01	2	7	Tues.	19	5 ·23	19 ·78	4	8	Sun.	19	8 ·83	25 ·10 26 ·03	6
8	Fri.	20	4 ·19	13 ·08	3	8	Wed.	20	6 ·15 7 ·07	20 ·75	5	9	Mon.	20	9 ·75	27 ·98	7
9	Sat.	21	5 ·23	14 ·14	4	9	Thur.	21	8 ·99	21 ·69	6	10	Tues.	21	10 ·68	1 ·93	8
10	Sun.	22	6 ·23	15 ·17	5	10	Fri.	22	9 ·89	22 ·62	7	11	Wed.	22	11 ·62	2 ·90	9
11	Mon.	23	7 ·22	16 ·19	6	11	Sat.	23	10 ·79	23 ·55	8	12	Thur.	23	12 ·57	3 ·89	10
12	Tues.	24	8 ·17	17 ·18	7	12	Sun.	24	11 ·69	24 ·48	9	13	Fri.	24	13 ·55	4 ·89	11
13	Wed.	25	9 ·13	18 ·16	8	13	Mon.	25	12 ·59	25 ·42	10	14	Sat.	25	14 ·54	5 ·91	12
14	Thur.	26	10 ·05 11 ·97	19 ·12	9	14	Tues.	26	13 ·50	26 ·36	11	15	Sun.	26	P ·55	6 ·95	13
15	Fri.	27	12 ·88	20 ·07	10	15	Wed.	27	14 ·43	27 ·31	12	16	Mon.	27	1 ·60	... ...	14
16	Sat.	28	13 ·78	21 ·01 22 ·95	11	16	Thur.	28	P ·36	1 ·27	13	17	Tues.	28	2 ·65	7 ·02	15
17	Sun.	29	14 ·67	23 ·88	12	17	Fri.	29	1 ·32	2 ·24	14	18	Wed.	29	3 ·73	8 ·10	16
18	Mon.	30	P ·57	24 ·81	13	18	Sat.	30	2 ·29	3 ·24	15	19	Thur.	30	4 ·81	9 ·20	17
19	Tues.	31	1 ·47	25 ·74	14	19	Sun.	31	3 ·28	4 ·25	16	20	Fri.	31	5 ·91	10 ·30	18

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1785. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·86.** **Śaka 1707.** **Kaliyuga 4886.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·76.** **(S. Cycle) Viśvāvasu.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Sat.	1	6 ·99	11 ·41	19	21	Tues.	1	5 ·45	15 ·37	19	22	Sun.	1	7 ·39	21 ·04 / 22 ·99	21
22	Sun.	2	... ...	12 ·52	20	22	Wed.	2	6 ·46	16 ·43	20				*Bahula.*		
23	Mon.	3	7 ·06	13 ·63	21	23	Thur.	3	7 ·47	17 ·45	21	23	Mon.	2	8 ·30	23 ·93	22
24	Tues	4	8 ·13	14 ·69	22	24	Fri.	4	8 ·45	18 ·46	22	24	Tues.	3	9 ·21	24 ·87	23
25	Wed.	5	9 ·17	15 ·75	23	25	Sat.	5	9 ·41	19 ·44	23	25	Wed.	4	10 ·11	25 ·80	24
26	Thur.	6	10 ·20	16 ·79	24	26	Sun.	6	10 ·35	20 ·41	24	26	Thur.	5	11 ·01 / 12 ·91	26 ·73	25
27	Fri.	7	11 ·21	17 ·81	25	27	Mon.	7	11 ·28	21 ·38	25						
28	Sat.	8	12 ·20	18 ·81	26	28	Tues.	8	12 ·20	22 ·31	26	27	Fri.	6	13 ·81	27 ·66	26
—29	Sun.	9	13 ·16	19 ·79	27	—29	Wed.	9	13 ·11	23 ·26	27	28	Sat.	7	14 ·72	1 ·60	27
1	Mon.	10	14 ·12	20 ·75	28				14 ·01			29	Sun.	8	A ·64	2 ·56	28
2	Tues.	11	A ·04 / 1 ·96	21 ·70	—29	1	Thur.	10	A ·91	24 ·19	28	30	Mon.	9	1 ·58	3 ·53	—29
3	Wed.	12	2 ·88	22 ·64	1	2	Fri.	11	1 ·81	25 ·11	—29	—31	Tues.	10	2 ·54	4 ·51	1
4	Thur.	13	3 ·78	23 ·58	2	3	Sat.	12	2 ·71	26 ·05 / 27 ·99	1	1	Wed.	11	3 ·51	5 ·51	2
5	Fri.	14	4 ·68	24 ·51	3	4	Sun.	13	3 ·62	1 ·94	2	2	Thur.	12	4 ·50	6 ·52	3
6	Sat.	15	5 ·58	25 ·44	4	5	Mon.	14	4 ·55	2 ·89	3	3	Fri.	13	5 ·51	7 ·57	4
7	Sun.	16	6 ·49	26 ·37	5	6	Tues.	15	5 ·48	3 ·86	4	4	Sat.	14	6 ·56	8 ·64	5
8	Mon.	17	7 ·40	27 ·31	6	7	Wed.	16	6 ·45	4 ·86	5	5	Sun.	15	7 ·61	9 ·71	6
9	Tues.	18	8 ·32	1 ·27	7	8	Thur.	17	7 ·42	5 ·87	6	6	Mon.	16	8 ·67	10 ·81	7
10	Wed.	19	9 ·27	2 ·22	8	9	Fri.	18	8 ·41	6 ·90	7	7	Tues.	17	9 ·76	11 ·91	8
11	Thur.	20	10 ·22	3 ·21	9	10	Sat.	19	9 ·44	7 ·95	8	8	Wed.	18	10 ·84	... ...	9
12	Fri.	21	11 ·20	4 ·21	10	11	Sun.	20	10 ·47	... ...	9	9	Thur.	19	11 ·92	12 ·02	10
13	Sat.	22	12 ·18	5 ·22	11	12	Mon.	21	11 ·53	8 ·01	10	10	Fri.	20	12 ·99	13 ·13	11
14	Sun.	23	13 ·21	6 ·27	12	13	Tues.	22	12 ·61	9 ·11	11	11	Sat.	21	... ...	14 ·22	12
15	Mon.	24	14 ·24	7 ·33	13	14	Wed.	23	13 ·70	10 ·21	12	12	Sun.	22	13 ·05	15 ·30	13
16	Tues.	25	P ·30	8 ·41	14	15	Thur.	24	14 ·78	11 ·31	13	13	Mon.	23	14 ·08	16 ·36	14
17	Wed.	26	1 ·39	9 ·50	15	16	Fri.	25	P ·87	12 ·42	14	14	Tues.	24	P ·11	17 ·40	15
18	Thur.	27	2 ·48	10 ·60	16	17	Sat.	26	1 ·93	13 ·52	15	15	Wed.	25	1 ·10	18 ·43	16
19	Fri.	28	3 ·56	11 ·72	17	18	Sun.	27	2 ·99	14 ·61	16	16	Thur.	26	2 ·08	19 ·43	17
20	Sat.	29	4 ·64	12 ·82	18	19	Mon.	28	... ...	15 ·69	17	17	Fri.	27	3 ·04 / 4 ·97	20 ·41	18
21	Sun.	30	5 ·73	13 ·92	19	20	Tues.	29	3 ·04	16 ·74	18	18	Sat.	28	5 ·90	21 ·38	19
22	Mon.	31	6 ·79	... ...	20	21	Wed.	30	4 ·05	17 ·77	19	19	Sun.	29	6 ·81	22 ·33	20
						22	Thur.	31	5 ·05	18 ·78	20	20	Mon.	30	7 ·71	23 ·28	21
												21	Tues.	31	8 ·31	24 ·21	22
	Feb.						**April.**						**June.**				
23	Tues.	1	7 ·83	14 ·00	21	23	Fri.	1	6 ·03 / 7 ·99	19 ·77	21	22	Wed.	1	9 ·51	25 ·14	23
24	Wed.	2	8 ·84	15 ·06	22				*Bahula.*			23	Thur.	2	10 ·41	26 ·07	24
25	Thur.	3	9 ·85	16 ·11	23	24	Sat.	2	8 ·93	20 ·75	22	24	Fri.	3	11 ·31	27 ·00 / 1 ·94	25
26	Fri.	4	10 ·84	17 ·13	24	25	Sun.	3	9 ·86	21 ·71	23				*Pausha.*		
27	Sat.	5	11 ·80	18 ·13	25	26	Mon.	4	10 ·77	22 ·66	24	25	Sat.	4	12 ·22	2 ·90	26
28	Sun.	6	12 ·74	19 ·12	26	27	Tues.	5	11 ·67	23 ·59	25	26	Sun.	5	13 ·14	3 ·86	27
29	Mon.	7	13 ·67	20 ·08	27	28	Wed.	6	12 ·57	24 ·52	26	27	Mon.	6	14 ·08	4 ·83	28
				21 ·03		29	Thur.	7	13 ·47	25 ·46	27	28	Tues.	7	A ·03	5 ·83	29
—30	Tues.	8	14 ·59	22 ·98	28	30	Fri.	8	14 ·37	26 ·39	28	29	Wed.	8	1 ·01 / 2 ·99	6 ·84	—30
1	Wed. ●	9	A ·50	23 ·92	29	—31	Sat.	9	A ·28	27 ·33	29	30	Thur.	9	... ...	7 ·89	1
2	Thur.	10	1 ·40	24 ·85	—30	1	Sun.	10	1 ·19	1 ·27	—30	—31	Fri.	10	3 ·01	8 ·94	2
3	Fri.	11	2 ·30	25 ·78	1	2	Mon.	11	2 ·11	2 ·22	1	1	Sat.	11	4 ·04	... ...	3
4	Sat.	12	3 ·20	26 ·71	2	3	Tues.	12	3 ·04	3 ·20	2	2	Sun.	12	5 ·08	9 ·02	4
5	Sun.	13	4 ·11	27 ·65	3				*Sukla.*			3	Mon.	13	6 ·15	10 ·11	5
6	Mon.	14	5 ·02 / 6 ·95	1 ·60	4	4	Wed.	13	4 ·01 / 5 ·98	4 ·18	3	4	Tues.	14	7 ·23	11 ·21	6
7	Tues.	15	7 ·89	2 ·56	5	5	Thur.	14	6 ·98	5 ·19	4	5	Wed.	15	8 ·31	12 ·33	7
8	Wed.	16	8 ·86	3 ·54	6	6	Fri.	15	7 ·99	6 ·21	5	6	Thur.	16	9 ·39	13 ·43	8
9	Thur.	17	9 ·83	4 ·53	7	7	Sat.	16	... ...	7 ·25	6	7	Fri.	17	10 ·47	14 ·53	9
10	Fri.	18	10 ·81	5 ·55	8	8	Sun.	17	8 ·03	8 ·32	7	8	Sat.	18	11 ·53	15 ·61	10
11	Sat.	19	11 ·83	6 ·58	9	9	Mon.	18	9 ·08	9 ·41	8	9	Sun.	19	12 ·56	16 ·67	11
12	Sun.	20	12 ·87	7 ·64	10	10	Tues.	19	10 ·16	10 ·51	9	10	Mon.	20	13 ·59	17 ·73	12
13	Mon.	21	13 ·93	8 ·71	11	11	Wed.	20	11 ·25	11 ·61	10	11	Tues.	21	14 ·58	18 ·75	13
14	Tues.	22	... ...	9 ·80	12	12	Thur.	21	12 ·33	12 ·72	11	12	Wed.	22	P ·58	19 ·76	14
15	Wed.	23	14 ·01	10 ·91	13	13	Fri.	22	13 ·41	13 ·82	12	13	Thur.	23	1 ·51	20 ·74	15
16	Thur.	24	P ·11	... ...	14	14	Sat.	23	14 ·48	14 ·92	13	14	Fri.	24	2 ·46	21 ·71	16
17	Fri.	25	1 ·19	11 ·02	15	15	Sun.	24	P ·54	... ...	14	15	Sat.	25	3 ·39	22 ·66	17
18	Sat.	26	2 ·27	12 ·12	16	16	Mon.	25	1 ·58	15 ·00	15	16	Sun.	26	4 ·30	23 ·61	18
19	Sun.	27	3 ·34	13 ·22	17	17	Tues.	26	2 ·59	16 ·05	16	17	Mon.	27	5 ·20	24 ·55	19
20	Mon.	28	4 ·40	14 ·30	18	18	Wed.	27	3 ·59	17 ·09	17	18	Tues.	28	6 ·10	25 ·48	20
						19	Thur.	28	4 ·57	18 ·10	18	19	Wed.	29	7 ·00 / 8 ·90	26 ·41	21
						20	Fri.	29	5 ·54	19 ·11	19	20	Thur.	30	9 ·80	27 ·34	22
						21	Sat.	30	6 ·47	20 ·08	20						

Krodhin. **Makara—Tai.** *Kumbha—Māsi.* *Krodhin.* **Mīna—Paṅguni.** *Vikṛitavasu.* **Mēsha—Chittirai.** *Vikṛitavasu.* **Vṛishabha—Vaigāsi.** *Vikṛitavasu.* **Mithuna—Āni.**

Śaka 1706 Rabi-ul awwal. *H. 1199 Rabi-ul ākhir.* *H. 1199 Jamādi'l awwal.* *H. 1199 Jamādi'l ākhir.* *H. 1199 Rajab.* *H. 1199 Sha'bān.*

Naksh —1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1785. **Kollam 961,** { **N. Malabar—Sep.** **Hijra 1200.** **Vikrama 1842.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Nov. 4.** **Bengal San. 1191.**
P—Paurnimā. **(N. Cycle) Anala.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
21	Fri. 1	10 ·71	1 ·29	23
22	Sat. 2	11 ·63	2 ·23	24
23	Sun. 3	12 ·56	3 ·19	25
24	Mon. 4	13 ·51	4 ·16	26
25	Tues. 5	14 ·48	5 ·15	27
26	Wed. 6	—**A** ·47	6 ·17	28
27	Thur. 7	1 ·49	7 ·20	—29
28	Fri. 8	2 ·51	8 ·25	1
29	Sat. 9	3 ·57	9 ·32	2
30	Sun. 10	4 ·63	10 ·41	3
31	Mon. 11	5 ·70	11 ·52	4
—32	Tues. 12	6 ·79	12 ·62	5
1	Wed. 13	7 ·87	13 ·73	6
2	Thur. 14	8 ·95	14 ·83	7
3	Fri. 15	... ...	15 ·91	8
4	Sat. 16	9 ·00	16 ·99	9
5	Sun. 17	10 ·05	... ...	10
6	Mon. 18	11 ·07	17 ·04	11
7	Tues. 19	12 ·06	18 ·07	12
8	Wed. 20	13 ·04 / 14 ·99	19 ·08	13
9	Thur. 21	**P** 1 ·94	20 ·07	14
10	Fri. 22	1 ·86	21 ·04	15
11	Sat. 23	2 ·78	22 ·01 / 23 ·95	16
12	Sun. 24	3 ·69	24 ·89	17
13	Mon. 25	4 ·59	25 ·82	18
14	Tues. 26	5 ·49	26 ·75	19
15	Wed. 27	6 ·39	27 ·69	20
16	Thur. 28	7 ·29	1 ·62	21
17	Fri. 29	8 ·19	2 ·56	22
18	Sat. 30	9 ·11	3 ·52	23
19	Sun. 31	10 ·04 / 11 ·99	4 ·49	24
	Aug.			
20	Mon. 1	12 ·96	5 ·48	25
21	Tues. 2	13 ·96	6 ·49	26
22	Wed. 3	14 ·97	7 ·51	27
23	Thur. 4	—**A** ·98	8 ·56	28
24	Fri.● 5	... ...	9 ·62	29
25	Sat. 6	1 ·04	10 ·71	30
26	Sun. 7	2 ·11	11 ·81	1
27	Mon. 8	3 ·19	12 ·92	2
28	Tues. 9	4 ·27	... ...	3
29	Wed. 10	5 ·35	13 ·03	4
30	Thur. 11	6 ·42	14 ·13	5
—31	Fri. 12	7 ·48	15 ·22	6
1	Sat. 13	8 ·53	16 ·30	7
2	Sun. 14	9 ·55	17 ·36	8
3	Mon. 15	10 ·55	18 ·39	9
4	Tues. 16	11 ·53	19 ·40	10
5	Wed. 17	12 ·49	20 ·39	11
6	Thur. 18	13 ·44	21 ·38	12
7	Fri. 19	14 ·36	22 ·34	13
8	Sat. 20	**P** ·28	23 ·29	14
9	Sun. 21	1 ·19	24 ·22	15
10	Mon. 22	2 ·09 / 3 ·99	25 ·16	16
11	Tues. 23	4 ·89	26 ·10	17
12	Wed. 24	5 ·79	27 ·02 / 1 ·96	18
13	Thur. 25	6 ·70	2 ·90	19
14	Fri. 26	7 ·62	3 ·85	20
15	Sat. 27	8 ·55	4 ·83	21
16	Sun. 28	9 ·50	5 ·81	22
17	Mon. 29	10 ·47	6 ·81	23
18	Tues. 30	11 ·46	7 ·83	24
19	Wed. 31	12 ·46	8 ·87	25

Viśvāvasu. **Karkaṭaka—Āḍi.** *Śukla.* *Bahula.* **Āshāḍha.** **Śrāvaṇa.** *H.* 1199 *Ramazān.* *H.* 1199 *Shawwāl.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
20	Thur. 1	13 ·50	9 ·94	26
21	Fri. 2	14 ·55	... ...	27
22	Sat. 3	—**A** ·61	10 ·02	28
23	Sun. 4	1 ·69	11 ·11	—29
24	Mon. 5	2 ·77	12 ·22	1
25	Tues. 6	3 ·86	13 ·33	2
26	Wed. 7	4 ·93	14 ·43	3
27	Thur. 8	... ...	15 ·53	4
28	Fri. 9	5 ·00	16 ·61	5
29	Sat. 10	6 ·04	17 ·67	6
30	Sun. 11	7 ·07	18 ·71	7
—31	Mon. 12	8 ·07	19 ·72	8
1	Tues. 13	9 ·05	20 ·73	9
2	Wed. 14	10 ·01 / 11 ·96	21 ·71	10
3	Thur. 15	12 ·90	22 ·67	11
4	Fri. 16	13 ·81	23 ·62	12
5	Sat. 17	14 ·72	24 ·56	13
6	Sun. 18	**P** ·62	25 ·50	14
7	Mon. 19	1 ·52	26 ·43	15
8	Tues. 20	2 ·42	27 ·36	16
9	Wed. 21	3 ·32	1 ·30	17
10	Thur. 22	4 ·23	2 ·23	18
11	Fri. 23	5 ·15	3 ·19	19
12	Sat. 24	6 ·09	4 ·15	20
13	Sun. 25	7 ·03	5 ·13	21
14	Mon. 26	8 ·00	6 ·13	22
15	Tues. 27	9 ·00	7 ·14	23
16	Wed. 28	10 ·01	8 ·19	24
17	Thur. 29	11 ·04	9 ·25	25
18	Fri. 30	12 ·09	10 ·32	26
	Oct.			
19	Sat. 1	13 ·15	11 ·41	27
20	Sun. 2	14 ·23	12 ·52	28
21	Mon. 3	—**A** ·31	13 ·63	29
22	Tues. 4	1 ·40	14 ·74	—30
23	Wed. 5	2 ·48	15 ·83	1
24	Thur. 6	3 ·55	16 ·91	2
25	Fri. 7	4 ·59	17 ·98	3
26	Sat. 8	5 ·62	... ...	4
27	Sun. 9	6 ·63	18 ·02	5
28	Mon. 10	7 ·62	19 ·05	6
29	Tues. 11	8 ·57	20 ·05	7
30	Wed. 12	9 ·52	21 ·04	8
—31	Thur. 13	10 ·45	22 ·00 / 23 ·96	9
1	Fri. 14	11 ·37	24 ·91	10
2	Sat. 15	12 ·28	25 ·84	11
3	Sun. 16	13 ·18	26 ·77	12
4	Mon. 17	14 ·08 / **P** ·98	27 ·70	13
5	Tues. 18	1 ·88	1 ·63	14
6	Wed. 19	2 ·80	2 ·58	15
7	Thur. 20	3 ·72	3 ·53	16
8	Fri. 21	4 ·66	4 ·48	17
9	Sat. 22	5 ·61	5 ·46	18
10	Sun. 23	6 ·59	6 ·45	19
11	Mon. 24	7 ·58	7 ·46	20
12	Tues. 25	8 ·59	8 ·50	21
13	Wed. 26	9 ·62	9 ·55	22
14	Thur. 27	10 ·67	10 ·63	23
15	Fri. 28	11 ·74	11 ·71	24
16	Sat. 29	12 ·81	12 ·81	25
17	Sun. 30	13 ·91	13 ·93	26
18	Mon. 31	... ...	... ...	27

Viśvāvasu. **Kanyā—Purāṭṭāsi.** *Śukla.* *Bahula.* **Bhādrapada.** **Āśvina.** *H.* 1199 *Zi-l-ka'da.* *H.* 1199 *Zi-l-hijja.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
19	Tues. 1	14 ·00	14 ·04	28
20	Wed. 2	—**A** ·08	15 ·13	29
21	Thur. 3	1 ·14	16 ·22	—30
22	Fri. 4	2 ·18	17 ·29	1
23	Sat. 5	3 ·22	18 ·34	2
24	Sun. 6	4 ·22	19 ·37	3
25	Mon. 7	5 ·21	20 ·38	4
26	Tues. 8	6 ·16	21 ·37	5
27	Wed. 9	7 ·11	22 ·34	6
28	Thur. 10	8 ·05 / 9 ·97	23 ·30	7
29	Fri. 11	10 ·88	24 ·25	8
—30	Sat. 12	11 ·78	25 ·18	9
1	Sun. 13	12 ·68	26 ·11	10
2	Mon. 14	13 ·59	27 ·04 / 1 ·97	11
3	Tues. 15	14 ·50	2 ·92	12
4	Wed. 16	**P** ·41	3 ·86	13
5	Thur. 17	1 ·33	4 ·82	14
6	Fri. 18	2 ·27	5 ·79	15
7	Sat. 19	3 ·22	6 ·77	16
8	Sun. 20	4 ·20	7 ·79	17
9	Mon. 21	5 ·19	8 ·81	18
10	Tues. 22	6 ·20	9 ·86	19
11	Wed. 23	7 ·24	10 ·93	20
12	Thur. 24	8 ·30	... ...	21
13	Fri. 25	9 ·37	11 ·02	22
14	Sat. 26	10 ·45	12 ·12	23
15	Sun. 27	11 ·54	13 ·23	24
16	Mon. 28	12 ·62	14 ·33	25
17	Tues. 29	13 ·70	15 ·44	26
18	Wed. 30	14 ·77	16 ·53	27
	Dec.			
19	Thur. 1	—**A** ·83	17 ·61	28
20	Fri. 2	1 ·85	18 ·66	29
21	Sat. 3	2 ·84	19 ·69	—30
22	Sun. 4	3 ·83	20 ·70	1
23	Mon. 5	4 ·79	21 ·69	2
24	Tues. 6	5 ·74	22 ·68	3
25	Wed. 7	6 ·67	23 ·63	4
26	Thur. 8	7 ·59	24 ·58	5
27	Fri. 9	8 ·50	25 ·52	6
28	Sat. 10	9 ·41	26 ·45	7
—29	Sun. 11	10 ·31	27 ·38	8
1	Mon. 12	11 ·21	1 ·32	9
2	Tues. 13	12 ·12	2 ·25	10
3	Wed. 14	13 ·03 / 14 ·96	3 ·19	11
4	Thur. 15	**P** ·90	4 ·15	12
5	Fri. 16	1 ·86	5 ·11	13
6	Sat. 17	2 ·84	6 ·11	14
7	Sun. 18	3 ·83	7 ·11	15
8	Mon. 19	4 ·85	8 ·13	16
9	Tues. 20	5 ·88	9 ·17	17
10	Wed. 21	6 ·95	10 ·23	18
11	Thur. 22	... ...	11 ·32	19
12	Fri. 23	7 ·02	12 ·42	20
13	Sat. 24	8 ·10	13 ·53	21
14	Sun. 25	9 ·20	14 ·63	22
15	Mon. 26	10 ·28	15 ·73	23
16	Tues. 27	11 ·36	16 ·84	24
17	Wed. 28	12 ·42	17 ·91	25
18	Thur. 29	13 ·47	18 ·97	26
19	Fri. 30	14 ·49	.. ...	27
20	Sat. 31	—**A** ·49	19 ·01	28

Viśvāvasu. **Vṛiśchika—Kārttigai.** *Śukla.* *Bahula.* **Kārttika.** **Mārgaśirsha.** *H.* 1200 *Muharram.* *H.* 1200 *Safar.*

A.D. 1786. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·12.** **Śaka 1708.** **Kaliyuga 4887.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·02.** **(S. Cycle) Parābhava.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.			
21	Sun. 1		1 ·48	20 ·02	—29
22	Mon. 2		2 ·44	21 ·02	1
23	Tues. 3		*Sukla.* 3 ·38	22 ·01 / 23 ·97	2
24	Wed. 4		4 ·31	24 ·92	3
25	Thur. 5		5 ·24	25 ·86	4
26	Fri. 6		6 ·14	26 ·79	5
27	Sat. 7		7 ·04 / 8 ·95	27 ·73	6
28	Sun. 8		9 ·86	1 ·66	7
—29	Mon. 9		10 ·76	2 ·59	8
1	Tues. 10		11 ·67	3 ·53	9
2	Wed. 11		12 ·60	4 ·48	10
3	Thur. 12		13 ·54	5 ·45	11
4	Fri. 13		14 ·51	6 ·43	12
5	Sat ○ 14		Pausha. ☽ ·48	7 ·43	13
6	Sun. 15		1 ·48	8 ·44	14
7	Mon. 16		2 ·49	9 ·48	15
8	Tues. 17		3 ·54	10 ·55	16
9	Wed. 18		4 ·59	11 ·63	17
10	Thur. 19		5 ·67	12 ·72	18
11	Fri. 20		6 ·76	13 ·82	19
12	Sat. 21		7 ·85	14 ·93	20
13	Sun. 22		8 ·94	... ...	21
14	Mon. 23		... ..	15 ·03	22
15	Tues. 24		*Bahula.* 9 ·01	16 ·14	23
16	Wed. 25		10 ·08	17 ·22	24
17	Thur. 26		11 ·11	18 ·28	25
18	Fri. 27		12 ·13	19 ·32	26
19	Sat. 28		13 ·14	20 ·34	27
20	Sun. 29		14 ·12	21 ·35	28
21	Mon. ● 30		—A ·08	22 ·33	29
22	Tues. 31		1 ·02 / 2 ·95	23 ·30	—30
		Feb.			
23	Wed. 1		3 ·87	24 ·25	1
24	Thur 2		4 ·77	25 ·19	2
25	Fri. 3		5 ·67	26 ·14	3
26	Sat. 4		*Sukla.* 6 ·58	27 ·07 / 1 ·99	4
27	Sun. 5		7 ·48	2 ·93	5
28	Mon. 6		8 ·39	3 ·86	6
29	Tues. 7		9 30	4 ·82	7
—30	Wed. 8		10 ·24	5 ·78	8
1	Thur. 9		11 ·19	6 ·76	9
2	Fri. 10		Māgha. 12 ·14	7 ·75	10
3	Sat. 11		13 ·11	8 ·76	11
4	Sun. 12		14 ·11	9 ·80	12
5	Mon. 13		☽ ·14	10 ·86	13
6	Tues. 14		1 ·18	11 ·93	14
7	Wed. 15		*Bahula.* 2 ·23	... ...	15
8	Thur. 16		3 ·31	12 ·02	16
9	Fri. 17		4 ·39	13 ·12	17
10	Sat. 18		5 ·48	14 ·23	18
11	Sun. 19		6 ·57	15 ·34	19
12	Mon. 20		7 ·64	16 ·44	20
13	Tues. 21		8 ·70	17 ·52	21
14	Wed. 22		9 ·74	18 ·59	22
15	Thur. 23		10 ·77	19 ·64	23
16	Fri. 24		11 ·76	20 ·67	24
17	Sat. 25		12 ·74	21 ·68	25
18	Sun. 26		13 ·69	22 ·66	26
19	Mon. 27		14 ·63	23 ·63	27
20	Tues. 28		—A ·56	24 ·59	—28

Vishvāvasu. **Makara—Tai.** *H.* 1200 *Rabī-ul awwal.* *Vishvāvasu.* **Kumbha—Māsi.** *H.* 1200 *Rabī-ul ākhir.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		March.			
21	Wed. 1		1 ·48	25 ·54	—29
22	Thur. 2		2 ·39	26 ·48	1
23	Fri. 3		3 ·29	27 ·40	2
24	Sat. 4		4 ·19	1 ·33	3
25	Sun. 5		*Sukla.* 5 ·09 / 6 ·99	2 ·26	4
26	Mon. 6		7 ·91	3 ·21	5
27	Tues. 7		8 ·84	4 ·15	6
28	Wed. 8		9 ·79	5 ·11	7
29	Thur. 9		10 ·75	6 ·08	8
—30	Fri. 10		11 ·73	7 ·07	9
1	Sat. 11		12 ·72	8 ·08	10
2	Sun. 12		Phālguna. 13 ·74	9 ·12	11
3	Mon. 13		☽ 14 ·78	10 ·17	12
4	Tues. 14		15 ·83	11 ·23	13
5	Wed. 15		1 ·91	12 ·32	14
6	Thur. 16		*Bahula.*	13 ·42	15
7	Fri. 17		2 ·00	14 ·54	16
8	Sat. 18		3 ·09	15 ·64	17
9	Sun. 19		4 ·17	16 ·74	18
10	Mon. 20		5 ·24	17 ·83	19
11	Tues. 21		6 ·30	18 ·90	20
12	Wed. 22		7 ·34	19 ·96	21
13	Thur. 23		8 ·36	20 ·99	22
14	Fri. 24		9 ·35	... ...	23
15	Sat. 25		10 ·33	21 ·00 / 22 ·99	24
16	Sun. 26		11 ·28	23 ·96	25
17	Mon. 27		12 ·23	24 ·93	26
18	Tues. 28		13 ·15	25 ·88	27
19	Wed. 29		14 ·06 / A ·97	26 ·81	28
20	Thur. 30		1 ·87	27 ·74	29
21	Fri. 31		2 ·77	1 ·67	—30
		April.			
22	Sat. 1		3 ·67	2 ·61	1
23	Sun. 2		4 ·58	3 ·55	2
24	Mon. 3		5 ·49	4 ·49	3
25	Tues. 4		6 ·41	5 ·44	4
26	Wed. 5		7 ·36	6 ·41	5
27	Thur. 6		8 ·32	7 ·39	6
28	Fri. 7		9 ·30	8 ·41	7
29	Sat. 8		10 ·29	9 ·43	8
—30	Sun. 9		11 ·31	10 ·48	9
1	Mon. 10		12 ·34	11 ·54	10
2	Tues. 11		13 ·40	12 ·63	11
3	Wed. 12		14 ·48	13 ·73	12
4	Thur. 13		Chaitra. ☽ ·56	14 ·83	13
5	Fri. 14		1 ·65	15 ·94	14
6	Sat. 15		2 ·73	... ...	15
7	Sun. 16		*Bahula.* 3 ·80	16 ·04	16
8	Mon. 17		4 ·85	17 ·13	17
9	Tues. 18		5 ·90	18 ·22	18
10	Wed. 19		6 ·91	19 ·27	19
11	Thur. 20		7 ·90	20 ·31	20
12	Fri. 21		8 ·89	21 ·32	21
13	Sat. 22		9 ·83	22 ·32	22
14	Sun. 23		10 ·77	23 ·30	23
15	Mon. 24		11 ·69	24 ·26	24
16	Tues. 25		12 ·61	25 ·21	25
17	Wed. 26		13 ·51	26 ·15	26
18	Thur. 27		14 ·41	27 ·08	27
19	Fri. 28		—A ·31	1 ·01 / 2 ·95	28
20	Sat. 29		1 ·21	3 ·88	—29
21	Sun. 30		2 ·11	4 ·82	1

Parābhava. **Mēsha—Chittirai.** *H.* 1200 *Jamādā'l awwal.* *Parābhava.* **Mithuna—Āni.** *H.* 1200 *Sha'bān.*

Cyclic sidereal year, month and day.	Week-day, English month and day.	SOLAR reckoning.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		May.			
22	Mon. 1		3 ·02 / 4 ·95	5 ·77	2
23	Tues. 2		5 ·89	6 ·74	3
24	Wed. 3		6 ·86	7 ·73	4
25	Thur. 4		7 ·83	8 ·73	5
26	Fri. 5		8 ·82	9 ·75	6
27	Sat. 6		*Sukla.* 9 ·84	10 ·79	7
28	Sun. 7		10 ·87	11 ·85	8
29	Mon. 8		11 ·93	12 ·93	9
30	Tues. 9		... ...	... ...	10
—31	Wed. 10		12 ·00	13 ·03	11
1	Thur. 11		13 ·09	14 ·13	12
2	Fri. 12		14 ·17	15 ·24	13
3	Sat. 13		Vaiśākha. ☽ ·24	16 ·34	14
4	Sun. 14		1 ·31	17 ·45	15
5	Mon. 15		2 ·37	18 ·52	16
6	Tues. 16		3 ·42	19 ·58	17
7	Wed. 17		4 ·43	20 ·62	18
8	Thur. 18		5 ·42	21 ·64	19
9	Fri. 19		*Bahula.* 6 ·40	22 ·65	20
10	Sat. 20		7 ·35	23 ·63	21
11	Sun. 21		8 ·29	24 ·60	22
12	Mon. 22		9 ·21	25 ·55	23
13	Tues. 23		10 ·12	26 ·49	24
14	Wed. 24		11 ·02 / 12 ·92	27 ·42	25
15	Thur. 25		13 ·82	1 ·36	26
16	Fri. 26		14 ·72	2 ·29	27
17	Sat. 27		—A ·62	3 ·22	28
18	Sun. 28		1 ·53	4 ·16	29
19	Mon. 29		2 ·46	5 ·11	—30
20	Tues. 30		3 ·40	6 ·08	1
21	Wed. 31		4 ·36	7 ·05	2
		June.			
22	Thur. 1		5 ·32	8 ·05	3
23	Fri. 2		6 ·32	9 ·06	4
24	Sat. 3		7 ·33	10 ·10	5
25	Sun. 4		*Sukla.* 8 ·36	11 ·16	6
26	Mon. 5		9 ·42	12 ·24	7
27	Tues. 6		10 ·49	13 ·33	8
28	Wed. 7		11 ·58	14 ·43	9
29	Thur. 8		12 ·66	15 ·54	10
30	Fri. 9		13 ·74	16 ·65	11
—31	Sat. 10		14 ·80	17 ·75	12
1	Sun. 11		Jyeshtha. ☽ ·85	18 ·83	13
2	Mon. 12		1 ·89	19 ·89	14
3	Tues. 13		2 ·91	20 ·94	15
4	Wed. 14		3 ·91	21 ·96	16
5	Thur. 15		*Bahula.* 4 ·88	22 ·98	17
6	Fri. 16		5 ·84	23 ·96	18
7	Sat. 17		6 ·78	24 ·93	19
8	Sun. 18		7 ·71	25 ·88	20
9	Mon. 19		8 ·61	26 ·82	21
10	Tues. 20		9 ·51	27 ·77	22
11	Wed. 21		10 ·41	1 ·70	23
12	Thur. 22		11 ·31	2 ·63	24
13	Fri. 23		12 ·21	3 ·56	25
14	Sat. 24		13 ·11	4 ·50	26
15	Sun. 25		14 ·02 / A ·94	5 ·45	27
16	Mon. 26		1 ·88	6 ·41	28
17	Tues. 27		2 ·83	7 ·38	—29
18	Wed. 28		3 ·80	8 ·37	1
19	Thur. 29		4 ·80	9 ·38	2
20	Fri. 30		5 ·81	10 ·42	3

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U.Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1786. **Kollam 962,** { **N. Malabar—Sep.** **Hijra 1201.** **Vikrama 1843.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 24.** **Bengal San. 1192.**
P—Paurnimā. **(N. Cycle) Piṅgala.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Sat.	1	6 ·84	11 ·47	4	20	Fri.	1	8 ·26	18 ·74	7	19	Wed.	1	10 ·46	24 ·60	9
22	Sun.	2	7 ·89	12 ·54	5	21	Sat.	2	9 ·32	19 ·83	8	20	Thur.	2	11 ·41	25 ·56	10
23	Mon.	3	8 ·96	13 ·63	6	22	Sun.	3	10 ·36	20 ·89	9	21	Fri.	3	12 ·33	26 ·51	11
24	Tues.	4	... ...	14 ·73	7	23	Mon.	4	11 ·39	21 ·93	10	22	Sat.	4	13 ·25	27 ·46	12
25	Wed.	5	9 ·04	15 ·84	8	24	Tues.	5	12 ·38	22 ·94	11	23	Sun.	5	14 ·16	1 ·40	13
26	Thur.	6	10 ·12	16 ·95	9	25	Wed.	6	13 ·37	23 ·94	12				P ·07		
27	Fri.	7	11 ·21	... ...	10	26	Thur.	7	14 ·32	24 ·93	13	24	Mon.	6	1 ·97	2 ·33	14
28	Sat.	8	12 ·28	17 ·05	11	27	Fri.	8	P ·27	25 ·89	14	25	Tues.	7	2 ·87	3 ·26	15
29	Sun.	9	13 ·34	18 ·13	12	28	Sat.	9	1 ·19	26 ·84	15	26	Wed.	8	3 ·77	4 ·19	16
30	Mon.	10	14 ·37	19 ·20	13	29	Sun.	10	2 ·11	27 ·78	16	27	Thur.	9	4 ·69	5 ·12	17
31	Tues.	○11	P ·40	20 ·25	14				3 ·01			28	Fri.	10	5 ·62	6 ·08	18
32	Wed.	12	1 ·38	21 ·29	15	30	Mon.	11	4 ·91	1 ·71	17	29	Sat.	11	6 ·55	7 ·04	19
1	Thur.	13	2 ·36	22 ·30	16	31	Tues.	12	5 ·81	2 ·65	18					8 ·00	
2	Fri.	14	3 ·32	23 ·29	17	1	Wed.	13	6 ·71	3 ·58	19	30	Sun.	12	7 ·51	9 ·99	20
3	Sat.	15	4 ·26	24 ·26	18	2	Thur.	14	7 ·62	4 ·51	20	1	Mon.	13	8 ·48	... ...	21
4	Sun.	16	5 ·18	25 ·22	19	3	Fri.	15	8 ·53	5 ·45	21	2	Tues.	14	9 ·48	10 ·00	22
5	Mon.	17	6 ·09	26 ·17	20	4	Sat.	16	9 ·46	6 ·40	22	3	Wed.	15	10 ·49	11 ·04	23
			7 ·99			5	Sun.	17	10 ·39	7 ·36	23	4	Thur.	16	11 ·53	12 ·08	24
6	Tues.	18	8 ·89	27 ·11	21	6	Mon.	18	11 ·34	8 ·35	24	5	Fri.	17	12 ·59	13 ·15	25
7	Wed.	19	9 ·79	1 ·04	22	7	Tues.	19	12 ·31	9 ·35	25	6	Sat.	18	13 ·65	14 ·23	26
				2 ·97		8	Wed.	20	13 ·30	10 ·36	26	7	Sun.	19	14 ·74	15 ·38	27
8	Thur.	20	10 ·69	3 ·90	23	9	Thur.	21	14 ·31	11 ·40	27	8	Mon.	20	A ·83	16 ·45	28
9	Fri.	21	11 ·59	4 ·84	24	10	Fri.	22	A ·34	12 ·46	28	9	Tues.	21	1 ·92	17 ·56	29
10	Sat.	22	12 ·50	5 ·78	25	11	Sat.	23	1 ·40	13 ·54	29	10	Wed.	22	2 ·99	18 ·66	30
11	Sun.	23	13 ·42	6 ·74	26	12	Sun.	24	2 ·46	14 ·63	30	11	Thur.	23	... ...	19 ·74	1
12	Mon.	24	14 ·36	7 ·71	27	13	Mon.	25	3 ·54	15 ·74	1	12	Fri.	24	3 ·06	20 ·82	2
13	Tues.	25	A ·31	8 ·69	28	14	Tues.	26	4 ·63	16 ·84	2	13	Sat.	25	4 ·10	21 ·87	3
14	Wed.	26	1 ·29	9 ·71	29	15	Wed.	27	5 ·71	17 ·95	3	14	Sun.	26	5 ·13	22 ·91	4
15	Thur.	27	2 ·28	10 ·73	30	16	Thur.	28	6 ·79	... ...	4	15	Mon.	27	6 ·13	23 ·92	5
16	Fri.	28	3 ·29	11 ·78	1	17	Fri.	29	7 ·86	18 ·05	5	16	Tues.	28	7 ·12	24 ·91	6
17	Sat.	29	4 ·31	12 ·84	2	18	Sat.	30	8 ·90	19 ·13	6	17	Wed.	29	8 ·08	25 ·89	7
18	Sun.	30	5 ·36	13 ·93	3										9 ·02		
19	Mon.	31	6 ·43	... ...	4							18	Thur.	30	10 ·96	26 ·84	8
	Aug.						**Oct.**						**Dec.**				
20	Tues.	1	7 ·51	14 ·03	5	19	Sun.	1	9 ·92	20 ·20	7	19	Fri.	1	11 ·88	27 ·80	9
21	Wed.	2	8 ·60	15 ·14	6	20	Mon.	2	10 ·93	21 ·24	8	20	Sat.	2	12 ·79	1 ·74	10
22	Thur.	3	9 ·68	16 ·25	7	21	Tues.	3	11 ·99	22 ·26	9	21	Sun.	3	13 ·69	2 ·67	11
23	Fri.	4	10 ·75	17 ·35	8	22	Wed.	4	12 ·87	23 ·27	10	22	Mon.	4	14 ·59	3 ·60	12
24	Sat.	5	11 ·81	18 ·44	9	23	Thur.	5	13 ·82	24 ·26	11	23	Tues.	5	P ·49	4 ·53	13
25	Sun.	6	12 ·85	19 ·51	10	24	Fri.	6	14 ·74	25 ·22	12	24	Wed.	6	1 ·40	5 ·47	14
26	Mon.	7	13 ·88	20 ·58	11	25	Sat.	7	P ·68	26 ·18	13	25	Thur.	7	2 ·31	6 ·41	15
27	Tues.	8	14 ·87	21 ·61	12	26	Sun.	8	1 ·57	27 ·12	14	26	Fri.	8	3 ·24	7 ·37	16
28	Wed.	9	P ·85	22 ·62	13	27	Mon.	9	2 ·47	1 ·05	15	27	Sat.	9	4 ·18	8 ·33	17
29	Thur.	10	1 ·80	23 ·61	14					2 ·99		28	Sun.	10	5 ·14	9 ·32	18
30	Fri.	11	2 ·75	24 ·59	15	28	Tues.	10	3 ·37	3 ·92	16	29	Mon.	11	6 ·11	10 ·33	19
31	Sat.	12	3 ·68	25 ·56	16	29	Wed.	11	4 ·27	4 ·85	17	1	Tues.	12	7 ·12	11 ·35	20
1	Sun.	13	4 ·59	26 ·51	17	30	Thur.	12	5 ·18	5 ·79	18	2	Wed.	13	8 ·13	12 ·39	21
2	Mon.	14	5 ·49	27 ·44	18	31	Fri.	13	6 ·09	6 ·74	19	3	Thur.	14	9 ·18	13 ·46	22
3	Tues.	15	6 ·39	1 ·38	19				7 ·02			4	Fri.	15	10 ·24	14 ·54	23
4	Wed.	16	7 ·29	2 ·30	20	1	Sat.	14	8 ·95	7 ·70	20	5	Sat.	16	11 ·31	15 ·64	24
5	Thur.	17	8 ·19	3 ·24	21	2	Sun.	15	9 ·91	8 ·68	21	6	Sun.	17	12 ·39	16 ·74	25
6	Fri.	18	9 ·09	4 ·18	22	3	Mon.	16	10 ·88	9 ·67	22	7	Mon.	18	13 ·49	17 ·85	26
			10 ·00			4	Tues.	17	11 ·88	10 ·68	23	8	Tues.	19	14 ·57	18 ·96	27
7	Sat.	19	11 ·92	5 ·12	23	5	Wed.	18	12 ·88	11 ·71	24	9	Wed.	20	A ·64	... ...	28
8	Sun.	20	12 ·86	6 ·07	24	6	Thur.	19	13 ·91	12 ·77	25	10	Thur.	21	1 ·71	19 ·05	29
9	Mon.	21	13 ·81	7 ·04	25	7	Fri.	20	14 ·98	13 ·85	26	11	Fri.	22	2 ·75	20 ·12	1
10	Tues.	22	14 ·79	8 ·02	26	8	Sat.	21	... ...	14 ·93	27	12	Sat.	23	3 ·78	21 ·19	2
11	Wed.	23	A ·77	9 ·03	27	9	Sun.	22	A ·05	... ..	28	13	Sun.	24	4 ·78	22 ·23	3
12	Thur.	24	1 ·78	10 ·05	28	10	Mon.	23	1 ·13	15 ·03	29	14	Mon.	25	5 ·77	23 ·24	4
13	Fri.	25	2 ·81	11 ·09	29	11	Tues.	24	2 ·21	16 ·14	1	15	Tues.	26	6 ·72	24 ·26	5
14	Sat.	26	3 ·87	12 ·15	1	12	Wed.	25	3 ·30	17 ·26	2	16	Wed.	27	7 ·66	25 ·22	6
15	Sun.	27	4 ·94	13 ·23	2	13	Thur.	26	4 ·38	18 ·36	3	17	Thur.	28	S ·60	26 ·19	7
16	Mon.	28	... ...	14 ·33	3	14	Fri.	27	5 ·44	19 ·44	4	18	Fri.	29	9 ·51	27 ·14	8
17	Tues.	29	5 ·01	15 ·44	4	15	Sat.	28	6 ·48	20 ·51	5	19	Sat.	30	10 ·42	1 ·08	9
18	Wed.	30	6 ·09	16 ·55	5	16	Sun.	29	7 ·51	21 ·55	6					2 ·01	
19	Thur.	31	7 ·18	17 ·65	6	17	Mon.	30	8 ·52	22 ·59	7	20	Sun.	31	11 ·33	3 ·94	10
						18	Tues.	31	9 ·50	23 ·60	8						

Parābhava. **Karkaṭaka—Ādi.** *Śukla.* **Āshādha.** *Bahula.* *Rabī-al awwal.* *Parābhava.* **Kanyā—Puraṭṭāsi.** *Śukla.* *Bahula.* *Parābhava.* **Vṛiśchika—Kārttigai.** *Śukla.* *Bahula.* *H.* 1200 *Ramażān.* *H.* 1200 *Shawwāl.* *H.* 1200 *Żi-l-ka'da.* *H.* 1200 *Żi-l-ḥijja.* *H.* 1201 *Muharram.* *H.* 1201 *Ṣafar.*

Parābhava. **Simha—Āvaṇi.** *Śukla.* **Śrāvaṇa.** *Bahula.* *Parābhava.* **Tulā—Aippasi.** *Śukla.* *Bahula.* *Parābhava.* **Dhanus—Mārgaḷi.** *Śukla.* **Pausha.** *Bahula.* *H.* 1201 *Rabī-al awwal.* *H.* 1201 *Ṣafar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1787. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·38.** **Śaka 1709.** **Kaliyuga 4888.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·28.** **(S. Cycle) Plavaṅga.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
21	Mon. 1	12 ·23	4 ·88	11
22	Tues. 2	13 ·13	5 ·81	12
23	Wed. ○ 8	14 ·03	6 ·75	13
		P ·95		
Parābhava.		*Bahula.* **Pausha.**		
24	Thur. 4	1 ·88	7 ·70	14
25	Fri. 5	2 ·82	8 ·66	15
26	Sat. 6	3 ·79	9 ·64	16
27	Sun. 7	4 ·77	10 ·65	17
28	Mon. 8	5 ·76	11 ·66	18
29	Tues. 9	6 ·79	12 ·70	19
—30	Wed. 10	7 ·83	13 ·76	20
1	Thur. 11	8 ·88	14 ·84	21
2	Fri. 12	9 ·96	15 ·94	22
3	Sat. 13	... ...	... ...	23
4	Sun. 14	10 ·04	16 ·04	24
5	Mon. 15	11 ·14	17 ·15	25
6	Tues. 16	12 ·22	18 ·26	26
7	Wed. 17	13 ·29	19 ·35	27
8	Thur. 18	14 ·36	20 ·44	28
9	Fri. 19	—A ·39	21 ·49	29
10	Sat. 20	1 ·42	22 ·54	—30
11	Sun. 21	2 ·42	23 ·56	1
12	Mon. 22	3 ·41	24 ·56	2
13	Tues. 23	4 ·36	25 ·55	3
14	Wed. 24	5 ·31	26 ·52	4
15	Thur. 25	6 ·23	27 ·47	5
16	Fri. 26	7 ·14	1 ·41	6
17	Sat. 27	8 ·05	2 ·35	7
		9 ·96		
Makara—Tai.		*Sukla.*		
18	Sun. 28	10 ·86	3 ·29	8
19	Mon. 29	11 ·76	4 ·22	9
20	Tues. 30	12 ·67	5 ·15	10
21	Wed. 31	13 ·59	6 ·08	11
	Feb.			
22	Thur. 1	14 ·52	7 ·03	12
			8 ·99	
23	Fri. 2	P ·46	9 ·97	13
24	Sat. 3	1 ·42	10 ·97	14
25	Sun. 4	2 ·41	11 ·98	15
26	Mon. 5	3 ·40	... ..	16
27	Tues. 6	4 ·42	12 ·01	17
28	Wed. 7	5 ·47	13 ·07	18
—29	Thur. 8	6 ·54	14 ·15	19
1	Fri. 9	7 ·61	15 ·24	20
2	Sat. 10	8 ·69	16 ·34	21
3	Sun. 11	9 ·78	17 ·45	22
4	Mon. 12	10 ·86	18 ·55	23
5	Tues. 13	11 ·94	19 ·66	24
6	Wed. 14	... ...	20 ·75	25
7	Thur. 15	12 ·00	21 ·81	26
8	Fri. 16	13 ·04	22 ·86	27
9	Sat. 17	14 ·05	23 ·88	28
10	Sun. 18	—A ·05	24 ·90	—29
11	Mon. 19	1 ·04	25 ·88	1
		2 ·98		
Pārdhava.		*Sukla.*		
Kumbha—Māsi.				
12	Tues. 20	3 ·92	26 ·85	2
13	Wed. 21	4 ·85	27 ·81	3
14	Thur. 22	5 ·77	1 ·75	4
15	Fri. 23	6 ·68	2 ·69	5
16	Sat. 24	7 ·58	3 ·62	6
17	Sun. 25	8 ·48	4 ·55	7
18	Mon. 26	9 ·38	5 ·48	8
19	Tues. 27	10 ·29	6 ·42	9
20	Wed. 28	11 ·21	7 ·36	10
		Phāl.		*H.* 1201 *Jumāda'l awwal.*
				H. 1201 *Rabī-ul ākhir.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
21	Thur. 1	12 ·14	8 ·35	11
22	Fri. 2	13 ·08	9 ·30	12
23	Sat. 3	14 ·05	10 ·29	13
24	Sun. 4	P ·02	11 ·30	14
25	Mon. 5	1 ·01	12 ·33	15
26	Tues. 6	2 ·04	13 ·39	16
27	Wed. 7	3 ·08	14 ·46	17
28	Thur. 8	4 ·15	15 ·54	18
29	Fri. 9	5 ·23	16 ·64	19
—30	Sat. 10	6 ·32	17 ·75	20
1	Sun. 11	7 ·40	18 ·86	21
2	Mon. 12	8 ·48	19 ·96	22
3	Tues. 13	9 ·55	... ...	23
4	Wed. 14	10 ·60	20 ·05	24
5	Thur. 15	11 ·65	21 ·12	25
6	Fri. 16	12 ·66	22 ·17	26
7	Sat. 17	13 ·65	23 ·21	27
8	Sun. 18	14 ·63	24 ·22	28
9	Mon. 19	—A ·58	25 ·21	29
10	Tues. 20	1 ·52	26 ·18	—30
11	Wed. 21	2 ·45	27 ·14	1
12	Thur. 22	3 ·37	1 ·09	2
13	Fri. 23	4 ·27	2 ·03	3
			3 ·96	
Pārdhava.		*Sukla.*		
Mīna—Pāṅguni.				
14	Sat. 24	5 ·16	4 ·89	4
15	Sun. 25	6 ·06	5 ·82	5
		7 ·97		
16	Mon. 26	8 ·88	6 ·76	6
17	Tues. 27	9 ·79	7 ·71	7
18	Wed. 28	10 ·72	8 ·66	8
19	Thur. 29	11 ·66	9 ·63	9
20	Fri. 30	12 ·63	10 ·61	10
21	Sat. 31	13 ·60	11 ·62	11
	April.			
22	Sun. 1	14 ·60	12 ·64	12
23	Mon. 2	P ·62	13 ·70	13
24	Tues. 3	1 ·67	14 ·76	14
25	Wed. 4	2 ·72	15 ·84	15
26	Thur. 5	3 ·80	16 ·94	16
27	Fri. 6	4 ·89	... ...	17
28	Sat. 7	5 ·97	17 ·05	18
29	Sun. 8	... ...	18 ·16	19
—30	Mon. 9	6 ·05	19 ·26	20
1	Tues. 10	7 ·12	20 ·35	21
2	Wed. 11	8 ·17	21 ·43	22
3	Thur. 12	9 ·21	22 ·49	23
4	Fri. 13	10 ·21	23 ·53	24
5	Sat. 14	11 ·21	24 ·54	25
6	Sun. 15	12 ·19	25 ·54	26
7	Mon. 16	13 ·14	26 ·51	27
8	Tues. 17	14 ·08	27 ·47	28
9	Wed. 18	A ·01	1 ·43	—29
		1 ·92		
Plavaṅga.		*Bahula.*		
Mēsha—Chittirai.				
10	Thur. 19	2 ·82	2 ·37	1
11	Fri. 20	3 ·72	3 ·30	2
12	Sat. 21	4 ·62	4 ·23	3
13	Sun. 22	5 ·52	5 ·16	4
14	Mon. 23	6 ·42	6 ·10	5
15	Tues. 24	7 ·34	7 ·04	6
			8 ·99	
16	Wed. 25	8 ·26	9 ·96	7
17	Thur. 26	9 ·20	10 ·94	8
18	Fri. 27	10 ·16	11 ·95	9
19	Sat. 28	11 ·14	12 ·97	10
20	Sun. 29	12 ·14	... ...	11
21	Mon. 30	13 ·15	13 ·01	12
		Sukla.		*H.* 1201 *Rajab.*
		Vaisākha.		*H.* 1201 *Jamāda'l ākhir.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
22	Tues. 1	14 ·20	14 ·07	13
23	Wed. 2	P ·25	15 ·14	14
24	Thur. 3	1 ·33	16 ·25	15
25	Fri. 4	2 ·42	17 ·35	16
26	Sat. 5	3 ·50	18 ·46	17
27	Sun. 6	4 ·57	19 ·56	18
28	Mon. 7	5 ·64	20 ·66	19
29	Tues. 8	6 ·70	21 ·73	20
30	Wed. 9	7 ·74	22 ·80	21
—31	Thur. 10	8 ·75	23 ·84	22
1	Fri. 11	9 ·73	24 ·86	23
2	Sat. 12	10 ·71	25 ·86	24
3	Sun. 13	11 ·67	26 ·84	25
4	Mon. 14	12 ·60	27 ·82	26
5	Tues. 15	13 ·53	1 ·77	27
6	Wed. 16	14 ·43	2 ·71	28
7	Thur. 17	—A ·33	3 ·64	29
8	Fri. 18	1 ·23	4 ·57	—30
9	Sat. 19	2 ·13	5 ·51	1
10	Sun. 20	3 ·03	6 ·44	2
		4 ·94		
Plavaṅga.		*Sukla.*		
Vrishabha—Vaigāsi.				
11	Mon. 21	5 ·85	7 ·38	3
12	Tues. 22	6 ·77	8 ·33	4
13	Wed. 23	7 ·72	9 ·29	5
14	Thur. 24	8 ·67	10 ·27	6
15	Fri. 25	9 ·65	11 ·27	7
16	Sat. 26	10 ·64	12 ·28	8
17	Sun. 27	11 ·65	13 ·32	9
18	Mon. 28	12 ·70	14 ·37	10
19	Tues. 29	13 ·75	15 ·46	11
20	Wed. 30	14 ·83	16 ·55	12
21	Thur. 31	P ·91	17 ·65	13
		Bahula. **Vaiśākha.**		*H.* 1201 *Rajab.*
	June.			
22	Fri. 1	1 ·99	18 ·77	14
23	Sat. 2	... ...	19 ·86	15
24	Sun. 3	2 ·07	20 ·96	16
25	Mon. 4	3 ·14	... ...	17
26	Tues. 5	4 ·19	21 ·05	18
27	Wed. 6	5 ·22	22 ·11	19
28	Thur. 7	6 ·24	23 ·16	20
29	Fri. 8	7 ·23	24 ·18	21
30	Sat. 9	8 ·22	25 ·19	22
31	Sun. 10	9 ·16	26 ·18	23
—32	Mon. 11	10 ·10	27 ·15	24
1	Tues. 12	11 ·03	1 ·10	25
		12 ·93		
2	Wed. 13	13 ·83	2 ·04	26
			3 ·98	
3	Thur. 14	14 ·73	4 ·92	27
4	Fri. 15	—A ·63	5 ·85	28
5	Sat. 16	1 ·53	6 ·78	—29
6	Sun. 17	2 ·43	7 ·71	1
7	Mon. 18	3 ·34	8 ·66	2
8	Tues. 19	4 ·26	9 ·63	3
9	Wed. 20	5 ·20	10 ·60	4
10	Thur. 21	6 ·15	11 ·59	5
11	Fri. 22	7 ·13	12 ·60	6
12	Sat. 23	8 ·12	13 ·63	7
13	Sun. 24	9 ·14	14 ·68	8
14	Mon. 25	10 ·17	15 ·76	9
15	Tues. 26	11 ·23	16 ·85	10
16	Wed. 27	12 ·30	17 ·95	11
17	Thur. 28	13 ·37	... ...	12
18	Fri. 29	14 ·46	18 ·05	13
19	Sat. ○ 30	P ·54	19 ·16	14
Plavaṅga.		*Sukla.*		*H.* 1201 *Rama.*
Mithuna—Āni.				
Āshādha.				

Naksh: -1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swā. 16. Vish. 17. Anu. 18. Jyesh. 19. Mūl. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1787. **Kollam 963,** { **N. Malabar—Sep.** **Hijra 1202.** **Vikrama 1844.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 13.** **Bengal San. 1193.**
P—Paurnimā. **(N. Cycle) Kālayukta.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
20	Sun.	1	1 ·61	20 ·26	15	19	Sat.	1	4 ·57	27 ·14	18	19	Thur.	1	6 ·15	7 ·41	20
21	Mon.	2	2 ·66	21 ·36	16	20	Sun.	2	5 ·50	1 ·11	19	20	Fri.	2	7 ·06 / 8 ·97	8 ·84	21
22	Tues.	3	3 ·70	22 ·42	17	21	Mon.	3	6 ·41	2 ·06	20						
23	Wed.	4	4 ·72	23 ·47	18	22	Tues.	4	7 ·31	3 ·00 / 4 ·93	21	21	Sat.	3	9 ·89	9 ·29	22
24	Thur.	5	5 ·71	24 ·50	19							22	Sun.	4	10 ·84	10 ·25	23
25	Fri.	6	6 ·69	25 ·52	20	23	Wed.	5	8 ·21	5 86	22	23	Mon.	5	11 ·80	11 ·22	24
26	Sat.	7	7 ·64	26 ·51	21	24	Thur.	6	9 ·11	6 ·79	23	24	Tues.	6	12 ·78	12 ·21	25
27	Sun.	8	8 ·57	27 ·48	22				10 ·01			25	Wed.	7	13 ·77	13 ·22	26
28	Mon.	9	9 ·50	1 ·44	23	25	Fri.	7	11 ·91	7 ·73	24	26	Thur.	8	14 ·79	14 ·25	27
29	Tues.	10	10 ·41	2 ·38	24	26	Sat.	8	12 ·83	8 ·67	25	27	Fri.	9	—A ·83	15 ·30	28
30	Wed.	11	11 ·31	3 ·33	25	27	Sun.	9	13 ·76	9 ·62	26	28	Sat.	10	1 ·89	16 ·37	29
—31	Thur.	12	12 ·20	4 ·26	26	28	Mon.	10	14 ·69	10 ·58	27	29	Sun.	11	2 ·96	17 ·43	—30
1	Fri.	13	13 ·10	5 ·19	27	29	Tues.	11	—A ·64	11 ·56	28	—30	Mon.	12	... ...	18 ·55	1
2	Sat.	14	14 ·00 / A ·90	6 ·12	28	30	Wed.	12	1 ·62	12 ·57	29	1	Tues.	13	3 ·04	19 ·66	2
3	Sun.	15	1 ·82	7 ·05	29	—31	Thur.	13	2 ·62	13 ·58	—30	2	Wed.	14	4 ·13	20 ·77	3
4	Mon.	16	2 ·75	8 ·00 / 9 ·96	—30	1	Fri.	14	3 ·63	14 ·62	1	3	Thur.	15	5 ·22	21 ·88	4
						2	Sat.	15	4 ·67	15 ·68	2	4	Fri.	16	6 ·30	22 ·96	5
5	Tues.	17	3 ·67	10 ·93	1	3	Sun.	16	5 ·72	16 ·75	3	5	Sat.	17	7 ·35	... ..	6
6	Wed.	18	4 ·63	11 ·91	2	4	Mon.	17	6 ·79	17 ·86	4	6	Sun.	18	8 ·39	23 ·04	7
7	Thur.	19	5 ·61	12 ·92	3	5	Tues.	18	7 ·87	18 ·96	5	7	Mon.	19	9 ·43	24 ·09	8
8	Fri.	20	6 ·60	13 ·94	4	6	Wed.	19	8 ·95	... ...	6	8	Tues.	20	10 ·42	25 ·12	9
9	Sat.	21	7 ·62	... ...	5	7	Thur.	20	... ...	19 ·06	7	9	Wed.	21	11 ·40	26 ·14	10
10	Sun.	22	8 ·65	14 ·00	6	8	Fri.	21	9 ·03	20 ·17	8	10	Thur.	22	12 ·36	27 ·13	11
11	Mon.	23	9 ·70	15 ·07	7	9	Sat.	22	10 ·10	21 ·26	9	11	Fri.	23	13 ·31	1 ·11	12
12	Tues.	24	10 ·77	16 ·15	8	10	Sun.	23	11 ·17	22 ·36	10	12	Sat.	24	14 ·24	2 ·06	13
13	Wed.	25	11 ·85	17 ·25	9	11	Mon.	24	12 ·21	23 ·42	11					3 ·01	
14	Thur.	26	12 ·93	18 ·35	10	12	Tues.	25	13 ·23	24 ·46	12	13	Sun.	25	P ·16	4 ·96	14
15	Fri.	27	... ...	19 ·47	11	13	Wed.	26	14 ·23	25 ·48	13				1 ·06		
16	Sat.	28	13 ·01	20 ·57	12	14	Thur.	27	P ·21	26 ·48	14	14	Mon.	26	2 ·96	5 ·89	15
17	Sun.	29	14 ·09	21 ·66	13	15	Fri.	28	1 ·18	27 ·47	15				3 ·86		
18	Mon.	30	P ·14	22 ·73	14	16	Sat.	29	2 ·11	1 ·44	16	15	Tues.	27		6 ·82	16
19	Tues.	31	1 ·19	23 ·79	15	17	Sun.	30	3 ·04 / 4 ·95	2 ·40	17	16	Wed.	28	4 ·77	7 ·75	17
												17	Thur.	29	5 ·68	8 ·68	18
	Aug.						**Oct.**					18	Fri.	30	6 ·59	9 ·63	19
20	Wed.	1	2 ·20	24 ·83	16	18	Mon.	1	5 ·86	3 ·34	18						
21	Thur.	2	3 ·19	25 ·84	17	19	Tues.	2	6 ·77	4 ·27	19		**Dec.**				
22	Fri.	3	4 ·17	26 ·83	18	20	Wed.	3	7 ·67	5 ·20	20	19	Sat.	1	7 ·52	10 ·59	20
23	Sat.	4	5 ·12	27 ·81	19	21	Thur.	4	8 ·56	6 ·14	21	20	Sun.	2	8 ·46	11 ·55	21
			6 ·06			22	Fri.	5	9 ·46	7 ·07	22	21	Mon.	3	9 ·41	12 ·54	22
24	Sun.	5	7 ·98	1 ·77	20					8 ·01		22	Tues.	4	10 ·40	13 ·54	23
25	Mon.	6	8 ·90	2 ·73	21	23	Sat.	6	10 ·38	9 ·96	23	23	Wed.	5	11 ·40	14 ·56	24
26	Tues.	7	9 ·81	3 ·66	22	24	Sun.	7	11 ·30	10 ·92	24	24	Thur.	6	12 ·43	15 ·61	25
27	Wed.	8	10 ·71	4 ·60	23	25	Mon.	8	12 ·25	11 ·90	25	25	Fri.	7	13 ·46	16 ·68	26
28	Thur.	9	11 ·60	5 ·52	24	26	Tues.	9	13 ·20	12 ·89	26	26	Sat.	8	14 ·53	17 ·76	27
29	Fri.	10	12 ·50	6 ·45	25	27	Wed.	10	14 ·19	13 ·90	27	27	Sun.	9	—A ·60	18 ·85	28
30	Sat.	11	13 ·40	7 ·40	26	28	Thur.	11	—A ·18	14 ·93	28	28	Mon.	10	1 ·68	19 ·96	—29
31	Sun.	12	14 ·31	8 ·34	27	29	Fri.	12	1 ·18	15 ·98	—29	29	Tues.	11	2 ·77	... .	1
—32	Mon.	13	—A ·24	9 ·29	28	—30	Sat.	13	2 ·23	... ...	1	—30	Wed.	12	3 ·86	20 ·07	2
1	Tues.	14	1 ·17	10 ·26	—29	1	Sun.	14	3 ·28	16 ·06	2	1	Thur.	13	4 ·94	21 ·18	3
2	Wed.	15	2 ·12	11 ·24	1	2	Mon.	15	4 ·35	17 ·15	3	2	Fri.	14	... ...	22 ·27	4
3	Thur.	16	3 ·11	12 ·24	2	3	Tues.	16	5 ·44	18 ·26	4	3	Sat.	15	5 ·00	23 ·34	5
4	Fri.	17	4 ·10	13 ·27	3	4	Wed.	17	6 ·52	19 ·36	5	4	Sun.	16	6 ·05	24 ·40	6
5	Sat.	18	5 ·10	14 ·31	4	5	Thur.	18	7 ·60	20 ·47	6	5	Mon.	17	7 ·06	25 ·45	7
6	Sun.	19	6 ·13	15 ·37	5	6	Fri.	19	8 ·68	21 ·57	7	6	Tues.	18	8 ·06	26 ·46	8
7	Mon.	20	7 ·19	16 ·45	6	7	Sat.	20	9 ·74	22 ·66	8	7	Wed.	19	9 ·04	27 ·46	9
8	Tues.	21	8 ·26	17 ·45	7	8	Sun.	21	10 ·78	23 ·73	9	8	Thur.	20	10 ·00 / 11 ·94	1 ·44	10
9	Wed.	22	9 ·35	18 ·66	8	9	Mon.	22	11 ·82	24 ·78	10	9	Fri.	21	12 ·86	2 ·40	11
10	Thur.	23	10 ·43	19 ·77	9	10	Tues.	23	12 ·81	25 ·80	11	10	Sat.	22	13 ·78	3 ·36	12
11	Fri.	24	11 ·51	20 ·87	10	11	Wed.	24	13 ·79	26 ·81	12	11	Sun.	23	14 ·69	4 ·30	13
12	Sat.	25	12 ·58	21 ·96	11	12	Thur.	25	14 ·75	27 ·81	13	12	Mon. ◯	24	P ·60	5 ·23	14
13	Sun.	26	13 ·63	... ...	12	13	Fri.	26	P ·69	1 ·77	14	13	Tues.	25	1 ·50	6 ·16	15
14	Mon.	27	14 ·68	22 ·04	13	14	Sat.	27	1 ·62	2 ·73	15	14	Wed.	26	2 ·40	7 ·09	16
15	Tues.	28	P ·70	23 ·11	14	15	Sun.	28	2 ·53	3 ·67	16					8 ·93	
16	Wed.	29	1 ·70	24 ·15	15	16	Mon.	29	3 ·44	4 ·61	17	15	Thur.	27	3 ·31	9 ·97	17
17	Thur.	30	2 ·67	25 ·16	16	17	Tues.	30	4 ·35	5 ·55	18	16	Fri.	28	4 ·23	10 ·92	18
18	Fri.	31	3 ·63	26 ·16	17	18	Wed.	31	5 ·25	6 ·48	19	17	Sat.	29	5 ·16	11 ·88	19
												18	Sun.	30	6 ·10	12 ·86	20
												19	Mon.	31	7 ·07	13 ·86	21

Plavaṅga. **Karkaṭaka—Ādi.** *Śukla.* **Āshāḍha.** *Bahula.* *H.* 1201 *Ramazān.*

Plavaṅga. **Siṅha—Āvaṇi.** *Śukla.* **Śrāvaṇa.** *Bahula.* *H.* 1201 *Zi-l-ke'da.*

Plavaṅga. **Kaṇyā—Puraṭṭāśi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 1201 *Zi-l-ḥijja.*

Plavaṅga. **Tulā—Aippaśi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 1202 *Muharram.*

Plavaṅga. **Vṛśchika—Kārttigai.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1202 *Śafar.*

Plavaṅga. **Dhanus—Mārgaḷi.** *Śukla.* **Mārgaśirsha.** *Bahula.* *H.* 1202 *Rabī-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1788. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse ● **(Surya Sid.) April 9·64.** **Śaka 1710.** **Kaliyuga 4889.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·54.** **(S. Cycle) Kīlaka.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
20	Tues. 1	8 ·05	14 ·88	22	22	Sat. 1	9 ·53	19 ·86	23	22	Thur. 1	10 ·02	... ...	25
21	Wed. 2	9 ·05	15 ·92	23	23	Sun. 2	10 ·62	20 ·97	24	23	Fri. 2	11 ·06	25 ·01	26
22	Thur. 3	10 ·07	16 ·98	24	24	Mon. 3	11 ·71	... ...	25	24	Sat. 3	12 ·06	26 ·06	27
23	Fri. 4	11 ·11	... ...	25	25	Tues. 4	12 ·79	21 ·07	26	25	Sun. 4	13 ·05	27 ·08	28
24	Sat. 5	12 ·18	17 ·06	26	26	Wed. 5	13 ·85	22 ·17	27	26	Mon. 5	14 ·03 A ·97	1 ·08	29
25	Sun. 6	13 ·25	18 ·15	27	27	Thur. 6	14 ·91	23 ·27	28					
26	Mon. 7	14 ·34	19 ·26	28	28	Fri. 7	—A ·95	24 ·34	29	27	Tues. 6	1 ·91	2 ·06	—30
27	Tues. 8	—A ·43	20 ·37	29	29	Sat. 8	1 ·96	25 ·39	—30	28	Wed. 7	2 ·83	3 ·03	1
28	Wed. 9	1 ·51	21 ·48	—30	—30	Sun. 9	2 ·95	26 ·42	1				4 ·98	
—29	Thur. 10	2 ·59	22 ·57	1	1	Mon. 10	3 ·92	27 ·43	2	29	Thur. 8	3 ·75	5 ·93	2
1	Fri. 11	3 ·64	23 ·65	2	2	Tues. 11	4 ·88	1 ·43	3	—30	Fri. 9	4 ·65	6 ·86	3
2	Sat. 12	4 ·69	24 ·72	3	3	Wed. 12	5 ·81	2 ·40	4	1	Sat. 10	5 ·55	7 ·79	4
3	Sun. 13	5 ·71	25 ·76	4	4	Thur. 13	6 ·74	3 ·36	5	2	Sun. 11	6 ·44	8 ·72	5
4	Mon. 14	6 ·71	26 ·78	5	5	Fri. 14	7 ·65	4 ·31	6	3	Mon. 12	7 ·34	9 ·65	6
5	Tues. 15	7 ·68	27 ·77	6	6	Sat. 15	8 ·56	5 ·24	7	4	Tues. 13	8 ·25	10 ·60	7
6	Wed. 16	8 ·65	1 ·76	7	7	Sun. 16	9 ·46	6 ·18	8	5	Wed. 14	9 ·16	11 ·55	8
7	Thur. 17	9 ·59	2 ·74	8	8	Mon. 17	10 ·36	7 ·11	9	6	Thur. 15	10 ·08	12 ·51	9
8	Fri. 18	10 ·51	3 ·69	9	9	Tues. 18	11 ·26	8 ·04 e ·98	10	7	Fri. 16	11 ·03 12 ·99	13 ·48	10
9	Sat. 19	11 ·42	4 ·63	10										
10	Sun. 20	12 ·33	5 ·57	11	10	Wed. 19	12 ·17	10 ·92	11	8	Sat. 17	13 ·97	14 ·48	11
11	Mon. 21	13 ·23	6 ·50	12	11	Thur. 20	13 ·09	11 ·88	12	9	Sun. 18	14 ·96	15 ·50	12
12	Tues. 22	14 ·13	7 ·44	13	12	Fri. 21	14 ·01 P ·96	12 ·85	13	10	Mon. 19	P ·99	16 ·54	13
13	Wed. 23	P ·04 1 ·95	8 ·37	14	13	Sat. 22	1 ·92	13 ·83	14	11	Tues. 20	... ...	17 ·59	14
14	Thur. 24	2 ·87	9 ·30	15	14	Sun. 23	2 ·91	14 ·84	15	12	Wed. 21	1 ·02	18 ·67	15
15	Fri. 25	3 ·80	10 ·25	16	15	Mon. 24	3 ·91	15 ·86	16	13	Thur. 22	2 ·09	19 ·77	16
16	Sat. 26	4 ·74	11 ·21	17	16	Tues. 25	4 ·94	16 ·92	17	14	Fri. 23	3 ·16	20 ·87	17
17	Sun. 27	5 ·71	12 ·18	18	17	Wed. 26	5 ·97	17 ·98	18	15	Sat. 24	4 ·24	21 ·98	18
18	Mon. 28	6 ·69	13 ·19	19	18	Thur. 27	... ...	... ...	19	16	Sun. 25	5 ·32	... ..	19
19	Tues. 29	7 ·69	14 ·20	20	19	Fri. 28	6 ·03	18 ·06	20	17	Mon. 26	6 ·40	22 ·08	20
20	Wed. 30	8 ·71	15 ·23	21	20	Sat. 29	7 ·11	19 ·16	21	18	Tues. 27	7 ·48	23 ·18	21
21	Thur. 31	9 ·77	16 ·29	22	21	Sun. 30	8 ·20	20 ·26	22	19	Wed. 28	8 ·52	24 ·26	22
					22	Mon. 31	9 ·29	21 ·37	23	20	Thur. 29	9 ·55	25 ·33	23
										21	Fri. 30	10 ·56	26 ·37	24
										22	Sat. 31	11 ·56	27 ·40	25
	Feb.					**April.**					**June.**			
22	Fri. 1	10 ·83	17 ·36	23	23	Tues. 1	10 ·37	22 ·48	24	23	Sun. 1	12 ·52	1 ·41	26
23	Sat. 2	11 ·90	18 ·46	24	24	Wed. 2	11 ·43	23 ·57	25	24	Mon. 2	13 ·48	2 ·39	27
24	Sun. 3	12 ·99	19 ·56	25	25	Thur. 3	12 ·49	24 ·65	26	25	Tues. 3	14 ·42	3 ·37	28
25	Mon. 4	... ...	20 ·67	26	26	Fri. 4	13 ·52	25 ·70	27	26	Wed. ● 4	—A ·33	4 ·32	—29
26	Tues. 5	13 ·08	21 ·78	27	27	Sat. 5	14 ·53	26 ·74	28	27	Thur. 5	1 ·24	5 ·26	1
27	Wed. 6	14 ·16	22 ·87	28	28	Sun. 6	—A ·52	27 ·76	—29	28	Fri. 6	2 ·14	6 ·20	2
28	Thur. 7	—A ·23	23 ·97	—29	29	Mon. 7	1 ·49	1 ·76	1	29	Sat. 7	3 ·04 4 ·94	7 ·13	3
—29	Fri. 8	1 ·30	... ...	1	30	Tues. 8	2 ·45	2 ·73	2					
1	Sat. 9	2 ·33	24 ·03	2	—31	Wed. 9	3 ·39	3 ·69	3	30	Sun. 8	5 ·84	8 ·06	4
2	Sun. 10	3 ·34	25 ·08	3	1	Thur. 10	4 ·30	4 ·64	4	31	Mon. 9	6 ·75	9 ·00 10 ·93	5
3	Mon. 11	4 ·34	26 ·10	4	2	Fri. 11	5 ·21	5 ·59	5					
4	Tues. 12	5 ·31	27 ·11	5	3	Sat. 12	6 ·12	6 ·52	6	—32	Tues. 10	7 ·66	11 ·88	6
5	Wed. 13	6 ·28	1 ·10	6			7 ·02			1	Wed. 11	8 ·58	12 ·84	7
6	Thur. 14	7 ·21	2 ·07	7	4	Sun. 13	8 ·92	7 ·45	7	2	Thur. 12	9 ·52	13 ·81	8
7	Fri. 15	8 ·14	3 ·03 4 ·97	8	5	Mon. 14	9 ·82	8 ·38	8	3	Fri. 13	10 ·48	14 ·81	9
					6	Tues. 15	10 ·73	9 ·31	9	4	Sat. 14	11 ·45	15 ·82	10
8	Sat. 16	9 ·05 10 ·96	5 ·90	9	7	Wed. 16	11 ·64	10 ·26	10	5	Sun. 15	12 ·45	16 ·85	11
9	Sun. 17	11 ·87	6 ·83	10	8	Thur. 17	12 ·57	11 ·21	11	6	Mon. 16	13 ·47	17 ·90	12
10	Mon. 18	12 ·77	7 ·77	11	9	Fri. 18	13 ·51	12 ·18	12	7	Tues. 17	14 ·51	18 ·97	13
11	Tues. 19	13 ·67	8 ·70	12	10	Sat. 19	14 ·47	13 ·16	13	8	Wed. 18	P ·56	... ...	14
12	Wed. 20	14 ·57	9 ·64	13	11	Sun. 20	P ·46	14 ·16	14	9	Thur. 19	1 ·63	19 ·07	15
13	Thur. 21	P ·49	10 ·58	14	12	Mon. 21	1 ·45	15 ·19	15	10	Fri. 20	2 ·71	20 ·17	16
14	Fri. 22	1 ·41	11 ·54	15	13	Tues. 22	2 ·48	16 ·23	16	11	Sat. 21	3 ·79	21 ·27	17
15	Sat. 23	2 ·37	12 ·52	16	14	Wed. 23	3 ·51	17 ·29	17	12	Sun. 22	4 ·88	22 ·38	18
16	Sun. 24	3 ·33	13 ·51	17	15	Thur. 24	4 ·58	18 ·36	18	13	Mon. 23	5 ·95	23 ·48	19
17	Mon. 25	4 ·31	14 ·52	18	16	Fri. 25	5 ·66	19 ·46	19	14	Tues. 24	... ...	24 ·58	20
18	Tues. 26	5 ·31	15 ·55	19	17	Sat. 26	6 ·74	20 ·56	20	15	Wed. 25	6 ·00	25 ·64	21
19	Wed. 27	6 ·34	16 ·60	20	18	Sun. 27	7 ·83	21 ·68	21	16	Thur. 26	7 ·03	26 ·69	22
20	Thur. 28	7 ·38	17 ·68	21	19	Mon. 28	8 ·91	22 ·78	22	17	Fri. 27	8 ·04	27 ·72	23
21	Fri. 29	8 ·45	18 ·78	22	20	Tues. 29	9 ·97	23 ·88	23	18	Sat. 28	9 ·03 10 ·00	1 ·73	24
					21	Wed. 30	... ...	24 ·95	24					
										19	Sun. 29	11 ·96	2 ·73	25
										20	Mon. 30	12 ·90	3 ·70	26

Plavaṅga. **Makara—Tai.** *Bahula.* *Sukla.* *Bahula.* *H.* 1202 *Rabī-ul ākhir.*

Plavaṅga. **Kumbha—Māgi.** *Bahula.* *Sukla.* *Bahula.* *H.* 1202 *Jamāda'l awwal.*

Plavaṅga. **Mīna—Panguni.** *Bahula.* *Sukla.* *Bahula.* *H.* 1202 *Jamāda'l ākhir.*

Kilaka. **Mēsha—Chittirai.** *Bahula.* *Sukla.* *Bahula.* *H.* 1202 *Rajab.*

Kilaka. **Vrishabha—Vaigāsi.** *Bahula.* *Sukla.* *Bahula.* *H.* 1202 *Sha'bān.*

Kilaka. **Mithuna—Āni.** *Bahula.* *Sukla.* *Bahula.* *H.* 1202 *Ramazān.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1788. **Kollam 964,** { **N. Malabar—Sep.** **Hijra 1203.** **Vikrama 1845.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Oct. 2.** **Bengal San. 1194.**
P—Paurnimā. **(N. Cycle) Siddhārtin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
21	Tues. 1	13 ·82	4 ·65	27
22	Wed. 2	14 ·73	5 ·60	28
23	Thur. 3	—**A** ·63	6 ·54	29
24	Fri. 4	1 ·52	7 ·47	—30
25	Sat. 5	2 ·42	8 ·40	1
26	Sun. 6	3 ·32	9 ·33	2
27	Mon. 7	4 ·22	10 ·27	3
28	Tues. 8	5 ·14	11 ·21	4
29	Wed. 9	6 ·06	12 ·17	5
30	Thur. 10	7 ·00 8 ·95	13 ·15	6
—31	Fri. 11	9 ·93	14 ·13	7
1	Sat. 12	10 ·93	15 ·14	8
2	Sun. 13	11 ·94	16 ·17	9
3	Mon. 14	12 ·99	17 ·21	10
4	Tues. 15	... ...	18 ·29	11
5	Wed. 16	13 ·04	19 ·37	12
6	Thur. 17	14 ·10	20 ·47	13
7	Fri. 18	**P** ·18	21 ·56	14
8	Sat. 19	1 ·26	22 ·68	15
9	Sun. 20	2 ·35	23 ·79	16
10	Mon. 21	3 ·42	24 ·88	17
11	Tues. 22	4 ·48	25 ·95	18
12	Wed. 23	5 ·51	... ...	19
13	Thur. 24	6 ·52	26 ·01	20
14	Fri. 25	7 ·51	27 ·03	21
15	Sat. 26	8 ·48	1 ·05	22
16	Sun. 27	9 ·44	2 ·05	23
17	Mon. 28	10 ·38	3 ·03 4 ·99	24
18	Tues. 29	11 ·31	5 ·94	25
19	Wed. 30	12 ·22	6 ·87	26
20	Thur. 31	13 ·12	7 ·81	27
	Aug.			
21	Fri. 1	14 ·02 **A** ·92	8 ·74	28
22	Sat. 2	1 ·82	9 ·67	—29
23	Sun. 3	2 ·72	10 ·61	1
24	Mon. 4	3 ·63	11 ·55	2
25	Tues. 5	4 ·55	12 ·51	3
26	Wed. 6	5 ·49	13 ·48	4
27	Thur. 7	6 ·44	14 ·46	5
28	Fri. 8	7 ·42	15 ·46	6
29	Sat. 9	8 ·41	16 ·48	7
30	Sun. 10	9 ·42	17 ·53	8
31	Mon. 11	10 ·47	18 ·59	9
—32	Tues. 12	11 ·52	19 ·67	10
1	Wed. 13	12 ·59	20 ·77	11
2	Thur. 14	13 ·67	21 ·87	12
3	Fri. 15	14 ·76	22 ·98	13
4	Sat. 16	**P** ·84	... ...	14
5	Sun. 17	1 ·91	23 ·09	15
6	Mon. 18	2 ·96	24 ·18	16
7	Tues. 19	3 ·99	25 ·26	17
8	Wed. 20	... ...	26 ·32	18
9	Thur. 21	4 ·02	27 ·36	19
10	Fri. 22	5 ·01 6 ·99	1 ·38	20
11	Sat. 23	7 ·94	2 ·38	21
12	Sun. 24	8 ·89	3 ·36	22
13	Mon. 25	9 ·81	4 ·32	23
14	Tues. 26	10 ·72	5 ·27	24
15	Wed. 27	11 ·62	6 ·22	25
16	Thur. 28	12 ·52	7 ·15	26
17	Fri. 29	13 ·42	8 ·08	27
18	Sat. 30	14 ·32	9 ·01 10 ·94	28
19	Sun. 31	**A** ·23	11 ·89	29

Kilaka. **Karkaṭaka—Ādi.** *Sukla.* **Āshāḍha.** *Bahula.* **Śrāvaṇa.** *Sukla.* *H.* 1202 *Shaaval.* *Kilaka.* **Siṁha—Āvaṇi.** *Bahula.* *H.* 1202 *Zi-l-ka'da.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
20	Mon. 1	1 ·14	12 ·84	—30
21	Tues. 2	2 ·06	13 ·80	1
22	Wed. 3	3 ·01 4 ·96	14 ·78	2
23	Thur. 4	5 ·94	15 ·78	3
24	Fri. 5	6 ·92	16 ·80	4
25	Sat. 6	7 ·94	17 ·84	5
26	Sun. 7	8 ·98	18 ·90	6
27	Mon. 8	... ...	19 ·97	7
28	Tues. 9	9 ·04	... ...	8
29	Wed. 10	10 ·11	20 ·07	9
30	Thur. 11	11 ·19	21 ·17	10
—31	Fri. 12	12 ·27	22 ·29	11
1	Sat. 13	13 ·36	23 ·39	12
2	Sun. 14	14 ·44	24 ·48	13
3	Mon. 15	**P** ·49	25 ·57	14
4	Tues. 16	1 ·53	26 ·63	15
5	Wed. 17	2 ·55	27 ·68	16
6	Thur. 18	3 ·53	1 ·70	17
7	Fri. 19	4 ·51	2 ·70	18
8	Sat. 20	5 ·48	3 ·69	19
9	Sun. 21	6 ·42	4 ·65	20
10	Mon. 22	7 ·34	5 ·62	21
11	Tues. 23	8 ·26	6 ·56	22
12	Wed. 24	9 ·16	7 ·49	23
13	Thur. 25	10 ·06 11 ·96	8 ·42	24
14	Fri. 26	12 ·86	9 ·35	25
15	Sat. 27	13 ·77	10 ·29	26
16	Sun. 28	14 ·68	11 ·23	27
17	Mon. 29	—**A** ·61	12 ·17	28
18	Tues. 30	1 ·55	13 ·13	29
	Oct.			
19	Wed. 1	2 ·50	14 ·11	—30
20	Thur. 2	3 ·48	15 ·10	1
21	Fri. 3	4 ·47	16 ·12	2
22	Sat. 4	5 ·49	17 ·15	3
23	Sun. 5	6 ·53	18 ·20	4
24	Mon. 6	7 ·58	19 ·28	5
25	Tues. 7	8 ·65	20 ·37	6
26	Wed. 8	9 ·74	21 ·48	7
27	Thur. 9	10 ·83	22 ·58	8
28	Fri. 10	11 ·91	23 ·69	9
29	Sat. 11	12 ·99	24 ·79	10
—30	Sun. 12	... ...	25 ·87	11
1	Mon. 13	13 ·05	26 ·95	12
2	Tues. 14	14 ·09	... ...	13
3	Wed. 15	**P** ·11	27 ·00	14
4	Thur. 16	1 ·11	1 ·02	15
5	Fri. 17	2 ·08	2 ·03	16
6	Sat. 18	3 ·04 4 ·99	3 ·01 4 ·99	17
7	Sun. 19	5 ·91	5 ·95	18
8	Mon. 20	6 ·83	6 ·89	19
9	Tues. 21	7 ·74	7 ·83	20
10	Wed. 22	8 ·64	8 ·76	21
11	Thur. 23	9 ·54	9 ·70	22
12	Fri. 24	10 ·44	10 ·63	23
13	Sat. 25	11 ·35	11 ·56	24
14	Sun. 26	12 ·26	12 ·51	25
15	Mon. 27	13 ·19	13 ·46	26
16	Tues. 28	14 ·13	14 ·43	27
17	Wed. 29	—**A** ·09	15 ·43	28
18	Thur. 30	1 ·07	16 ·44	29
19	Fri. 31	2 ·07	17 ·47	—30

Kilaka. **Kanyā—Puraṭṭāsi.** *Bahula.* **Bhādrapada.** *Sukla.* *H.* 1202 *Zi-l-hijja.* *Kilaka.* **Tulā—Aippasi.** *Sukla.* **Āśvina.** *Bahula.* *H.* 1203 *Muharram.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
20	Sat. 1	3 ·08	18 ·51	1
21	Sun. 2	4 ·12	19 ·58	2
22	Mon. 3	5 ·18	20 ·68	3
23	Tues. 4	6 ·26	21 ·77	4
24	Wed. 5	7 ·35	22 ·88	5
25	Thur. 6	8 ·44	23 ·99	6
26	Fri. 7	9 ·52	... ...	7
27	Sat. 8	10 ·59	24 ·09	8
28	Sun. 9	11 ·65	25 ·19	9
29	Mon. 10	12 ·69	26 ·26	10
—30	Tues. 11	13 ·71	27 ·31	11
1	Wed. 12	14 ·71	1 ·34	12
2	Thur. 13	**P** ·68	2 ·35	13
3	Fri. 14	1 ·65	3 ·35	14
4	Sat. 15	2 ·60	4 ·33	15
5	Sun. 16	3 ·53	5 ·28	16
6	Mon. 17	4 ·44	6 ·23	17
7	Tues. 18	5 ·35	7 ·17	18
8	Wed. 19	6 ·25	8 ·10	19
9	Thur. 20	7 ·15	9 ·04 10 ·97	20
10	Fri. 21	8 ·05 9 ·96	11 ·90	21
11	Sat. 22	10 ·88	12 ·84	22
12	Sun. 23	11 ·81	13 ·79	23
13	Mon. 24	12 ·74	14 ·77	24
14	Tues. 25	13 ·71	15 ·76	25
15	Wed. 26	14 ·69	16 ·76	26
16	Thur. 27	—**A** ·69	17 ·78	27
17	Fri. 28	1 ·71	18 ·82	28
18	Sat. 29	2 ·76	19 ·90	—29
19	Sun. 30	3 ·81	20 ·98	1
	Dec.			
20	Mon. 1	4 ·89	... ...	2
21	Tues. 2	5 ·97	21 ·07	3
22	Wed. 3	... ...	22 ·18	4
23	Thur. 4	6 ·06	23 ·29	5
24	Fri. 5	7 ·15	24 ·40	6
25	Sat. 6	8 ·22	25 ·49	7
26	Sun. 7	9 ·29	26 ·56	8
27	Mon. 8	10 ·33	27 ·62	9
28	Tues. 9	11 ·35	1 ·66	10
29	Wed. 10	12 ·34	2 ·68	11
—30	Thur. 11	13 ·31	3 ·67	12
1	Fri. 12	14 ·28	4 ·66	13
2	Sat. 13	**P** ·22	5 ·62	14
3	Sun. 14	1 ·15	6 ·57	15
4	Mon. 15	2 ·06 3 ·97	7 ·52	16
5	Tues. 16	4 ·88	8 ·46	17
6	Wed. 17	5 ·78	9 ·38	18
7	Thur. 18	6 ·68	10 ·30	19
8	Fri. 19	7 ·58	11 ·24	20
9	Sat. 20	8 ·51	12 ·17	21
10	Sun. 21	9 ·44	13 ·14	22
11	Mon. 22	10 ·39	14 ·10	23
12	Tues. 23	11 ·34	15 ·08	24
13	Wed. 24	12 ·33	16 ·08	25
14	Thur. 25	13 ·33	17 ·09	26
15	Fri. 26	14 ·35	18 ·14	27
16	Sat. 27	—**A** ·40	19 ·20	28
17	Sun. 28	1 ·46	20 ·28	29
18	Mon. 29	2 ·54	21 ·37	30
19	Tues. 30	3 ·63	22 ·48	1
20	Wed. 31	4 ·73	23 ·59	2

Kilaka. **Dhanus—Mārgali.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H.* 1203 *Rabi-al aweal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1789. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) April 9·90. **Śaka 1711.** **Kaliyuga 4890.**
Lunar Eclipse. ○ (Arya Sid.) April 9·80. **(S. Cycle) Saumya.**

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.			
21	Thur. 1	5 ·80	24 ·70	3
22	Fri. 2	6 ·87	25 ·79	4
23	Sat. 3	7 ·94	26 ·87	5
24	Sun. 4	8 ·97	27 ·93	6
25	Mon. 5	9 ·99	1 ·97	7
26	Tues. 6	10 ·99	... ...	8
27	Wed. 7	11 ·97	2 ·00	9
28	Thur. 8	12 ·92	3 ·00 / 4 ·98	10
—29	Fri. 9	13 ·87	5 ·95	11
1	Sat. 10	14 ·80	6 ·90	12
2	Sun. 11	ℙ ·71	7 ·85	13
3	Mon. 12	1 ·62	8 ·79	14
4	Tues. 13	2 ·52	9 ·71	15
5	Wed. 14	3 ·42	10 ·63	16
6	Thur. 15	4 ·32	11 ·57	17
7	Fri. 16	5 ·24	12 ·52	18
8	Sat. 17	6 ·16	13 ·47	19
9	Sun 18	7 ·08	14 ·43	20
10	Mon. 19	8 ·03 / 9 ·99	15 ·41	21
11	Tues. 20	10 ·98	16 ·40	22
12	Wed. 21	11 ·97	17 ·42	23
13	Thur. 22	... ...	18 ·45	24
14	Fri. 23	12 ·01	19 ·51	25
15	Sat. 24	13 ·06	20 ·58	26
16	Sun. 25	14 ·12	21 ·67	27
17	Mon. 26	—A ·20	22 ·78	28
18	Tues. 27	1 ·29	23 ·89	—29
19	Wed. 28	2 ·38	... ...	1
20	Thur. 29	3 ·46	24 ·00	2
21	Fri. 30	4 ·54	25 ·09	3
22	Sat. 31	5 ·59	26 ·18	4
	Feb.			
23	Sun. 1	6 ·62	27 ·24	5
24	Mon. 2	7 ·63	1 ·30	6
25	Tues. 3	8 ·63	2 ·32	7
26	Wed. 4	9 ·61	3 ·33	8
27	Thur. 5	10 ·56	4 ·31	9
28	Fri. 6	11 ·49	5 ·28	10
29	Sat. 7	12 ·41	6 ·25	11
30	Sun. 8	13 ·33	7 ·19	12
1	Mon. 9	14 ·24	8 ·12	13
2	Tues. 10	ℙ ·14	9 ·05 / 10 ·98	14
3	Wed. 11	1 ·04 / 2 ·94	11 ·92	15
4	Thur. 12	3 ·86	12 ·86	16
5	Fri. 13	4 ·78	13 ·80	17
6	Sat. 14	5 ·71	14 ·76	18
7	Sun. 15	6 ·66	15 ·73	19
8	Mon. 16	7 ·62	16 ·73	20
9	Tues. 17	8 ·61	17 ·74	21
10	Wed. 18	9 ·60	18 ·77	22
11	Thur. 19	10 ·64	19 ·82	23
12	Fri. 20	11 ·68	20 ·89	24
13	Sat. 21	12 ·75	21 ·97	25
14	Sun. 22	13 ·83	.. ...	26
15	Mon. 23	14 ·93	22 ·08	27
16	Tues. 24	... ...	23 ·19	28
17	Wed. 25	—A ·01	24 ·29	29
18	Thur. 26	1 ·08	25 ·39	—30
19	Fri. 27	2 ·15	26 ·49	1
20	Sat. 28	3 ·20	27 ·56	2

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	March.			
21	Sun. 1	4 ·25	1 ·61	3
22	Mon. 2	5 ·26	2 ·64	4
23	Tues. 3	6 ·25	3 ·65	5
24	Wed. 4	7 ·22	4 ·64	6
25	Thur. 5	8 ·17	5 ·62	7
26	Fri. 6	9 ·11	6 ·58	8
27	Sat. 7	10 ·03 / 11 ·95	7 ·52	9
28	Sun. 8	12 ·85	8 ·46	10
—29	Mon. 9	13 ·75	9 ·39	11
1	Tues. 10	14 ·65	10 ·33	12
2	Wed. 11	ℙ ·55	11 ·26	13
3	Thur. 12	1 ·46	12 ·19	14
4	Fri. 13	2 ·37	13 ·14	15
5	Sat. 14	3 ·31	14 ·09	16
6	Sun. 15	4 ·25	15 ·06	17
7	Mon. 16	5 ·22	16 ·05	18
8	Tues. 17	6 ·20	17 ·06	19
9	Wed. 18	7 ·20	18 ·08	20
10	Thur. 19	8 ·24	19 ·13	21
11	Fri. 20	9 ·28	20 ·19	22
12	Sat. 21	10 ·35	21 ·24	23
13	Sun. 22	11 ·43	22 ·38	24
14	Mon. 23	12 ·52	23 ·49	25
15	Tues. 24	13 ·61	24 ·59	26
16	Wed. 25	14 ·69	25 ·69	27
17	Thur. 26	—A ·74	26 ·79	28
18	Fri. 27	1 ·79	27 ·87	—29
19	Sat. 28	2 ·83	1 ·92	1
20	Sun. 29	3 ·84	2 ·96	2
21	Mon. 30	4 ·83	3 ·97	3
22	Tues. 31	5 ·79	4 ·98	4
	April.			
23	Wed. 1	6 ·75	5 ·95	5
24	Thur. 2	7 ·68	6 ·91	6
25	Fri. 3	8 ·60	7 ·86	7
26	Sat. 4	9 ·52	8 ·80	8
27	Sun. 5	10 ·42	9 ·74	9
28	Mon. 6	11 ·32	10 ·67	10
29	Tues. 7	12 ·22	11 ·60	11
30	Wed. 8	13 ·12	12 ·53	12
—31	Thur. 9	14 ·03 / ℙ ·95	13 ·47	13
1	Fri. 10	1 ·87	14 ·42	14
2	Sat. 11	2 ·81	15 ·40	15
3	Sun. 12	3 ·78	16 ·38	16
4	Mon. 13	4 ·76	17 ·38	17
5	Tues. 14	5 ·76	18 ·40	18
6	Wed. 15	6 ·79	19 ·44	19
7	Thur. 16	7 ·84	20 ·51	20
8	Fri. 17	8 ·90	21 ·59	21
9	Sat. 18	9 ·98	22 ·68	22
10	Sun. 19	... ...	23 ·78	23
11	Mon. 20	10 ·07	24 ·89	24
12	Tues. 21	11 ·15	.. ...	25
13	Wed. 22	12 ·23	25 ·00	26
14	Thur. 23	13 ·29	26 ·10	27
15	Fri. 24	14 ·34	27 ·18	28
16	Sat. 25	—A ·37	1 ·24	29
17	Sun. 26	1 ·38	2 ·27	—30
18	Mon. 27	2 ·37	3 ·30	1
19	Tues. 28	3 ·34	4 ·30	2
20	Wed. 29	4 ·29	5 ·28	3
21	Thur. 30	5 ·22	6 ·24	4

Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	May.			
22	Fri. 1	6 ·14	7 ·20	5
23	Sat. 2	7 ·05 / 8 ·96	8 ·14	6
24	Sun. 3	9 ·86	9 ·08	7
25	Mon. 4	10 ·76	10 ·01 / 11 ·94	8
26	Tues. 5	11 ·66	12 ·87	9
27	Wed. 6	12 ·56	13 ·82	10
28	Thur. 7	13 ·47	14 ·77	11
29	Fri. 8	14 ·40	15 ·73	12
30	Sat.○ 9	ℙ ·35	16 ·70	13
—31	Sun. 10	1 ·31	17 ·70	14
1	Mon. 11	2 ·28	18 ·71	15
2	Tues. 12	3 ·28	19 ·75	16
3	Wed. 13	4 ·31	20 ·81	17
4	Thur. 14	5 ·36	21 ·89	18
5	Fri. 15	6 ·42	22 ·98	19
6	Sat. 16	7 ·49	... ...	20
7	Sun. 17	8 ·57	23 ·08	21
8	Mon. 18	9 ·66	24 ·20	22
9	Tues. 19	10 ·74	25 ·30	23
10	Wed. 20	11 ·80	26 ·40	24
11	Thur. 21	12 ·85	27 ·48	25
12	Fri. 22	13 ·87	1 ·55	26
13	Sat. 23	14 ·89	2 ·60	27
14	Sun. 24	—A ·88	3 ·62	28
15	Mon. 25	1 ·85	4 ·63	—29
16	Tues. 26	2 ·80	5 ·61	1
17	Wed. 27	3 ·73	6 ·58	2
18	Thur. 28	4 ·65	7 ·54	3
19	Fri. 29	5 ·55	8 ·48	4
20	Sat. 30	6 ·45	9 ·42	5
21	Sun. 31	7 ·35	10 ·35	6
	June.			
22	Mon. 1	8 ·25	11 ·28	7
23	Tues. 2	9 ·15	12 ·22	8
24	Wed. 3	10 ·05 / 11 ·97	13 ·15	9
25	Thur. 4	12 ·90	14 ·10	10
26	Fri. 5	13 ·85	15 ·06	11
27	Sat. 6	14 ·80	16 ·03	12
28	Sun. 7	ℙ ·79	17 ·02	13
29	Mon. 8	1 ·78	18 ·04	14
30	Tues. 9	2 ·80	19 ·07	15
—31	Wed. 10	3 ·84	20 ·12	16
1	Thur. 11	4 ·90	21 ·19	17
2	Fri. 12	5 ·97	22 ·28	18
3	Sat. 13	... ...	23 ·39	19
4	Sun. 14	6 ·05	24 ·50	20
5	Mon. 15	7 ·14	25 ·60	21
6	Tues. 16	8 ·21	26 ·70	22
7	Wed. 17	9 ·28	27 ·79	23
8	Thur. 18	10 ·33	1 ·86	24
9	Fri. 19	11 ·36	2 ·91	25
10	Sat. 20	12 ·37	3 ·94	26
11	Sun. 21	13 ·36	4 ·95	27
12	Mon. 22	14 ·34	5 ·94	28
13	Tues. 23	—A ·28	6 ·92	29
14	Wed. 24	1 ·22	7 ·87	—30
15	Thur. 25	2 ·14	8 ·82	1
16	Fri. 26	3 ·04 / 4 ·94	9 ·76	2
17	Sat. 27	5 ·84	10 ·69	3
18	Sun. 28	6 ·74	11 ·62	4
19	Mon. 29	7 ·64	12 ·55	5
20	Tues. 30	8 ·55	13 ·49	6

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1789. **Kollam 965,** { **N. Malabar—Sep.** **Hijra 1204.** **Vikrama 1846.**
A—Amāvāsya. Commences { **S. Malabar—Aug.** Commences **Sep. 21.** **Bengal San. 1195.**
P—Paurnimā. **(N. Cycle) Raudra.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Wed.	1	9 ·46	14 ·43	7	20	Tues.	1	**Bhādrapada.** 12 ·30	21 ·12	10	19	Sun.	1	14 ·90	27 ·31	12
22	Thur.	2	10 ·39	15 39	8	21	Wed.	2	13 ·36	22 ·19	11	20	Mon.	2	**P** ·95	1 ·40	13
23	Fri.	3	11 ·33	16 ·36	9	22	Thur.	3	14 ·43	23 ·29	12	21	Tues.	3	1 ·98	2 ·48	14
24	Sat.	4	12 ·28	17 ·35	10	23	Fri.	4	**P** ·51	24 ·39	13	22	Wed.	4	... ...	3 ·53	15
25	Sun.	5	13 ·26	18 ·36	11	24	Sat.	5	1 ·59	25 ·50	14	23	Thur.	5	2 ·01	4 ·56	16
26	Mon.	6	14 ·25	19 ·38	12	25	Sun.	6	2 ·68	26 ·61	15	24	Fri.	6	3 ·00	5 ·57	17
27	**Tues.**	**7**	**P** ·28	20 ·43	13	26	Mon.	7	3 ·75	27 ·71	16				4 ·98		
28	Wed.	8	1 ·31	21 ·50	14	27	Tues.	8	4 ·80	1 ·79	17	25	Sat.	7	5 ·94	6 ·56	18
29	Thur.	9	2 ·38	22 ·59	15	28	Wed.	9	5 ·84	2 ·85	18	26	Sun.	8	6 ·88	7 ·54	19
30	Fri.	10	3 ·45	23 ·69	16	29	Thur.	10	6 ·86	3 ·89	19	27	Mon.	9	7 ·80	8 ·50	20
31	Sat.	11	4 ·52	24 ·79	17	30	Fri.	11	7 ·85	4 ·92	20	28	Tues.	10	8 ·72	9 ·45	21
—32	Sun.	12	5 ·61	25 ·90	18	—31	Sat.	12	8 ·82	5 ·92	21	29	Wed.	11	9 ·63	10 ·39	22
1	Mon.	13	6 ·69	... ...	19	1	Sun.	13	9 ·79	6 ·91	22	—30	Thur.	12	10 ·53	11 ·32	23
2	Tues.	14	7 ·76	26 ·00	20	2	Mon.	14	10 ·72	7 ·87	23	1	Fri.	13	11 ·43	12 ·26	24
3	Wed.	15	8 ·80	27 ·10	21	3	Tues.	15	11 ·65	8 ·83	24	2	Sat.	14	12 ·33	13 ·19	25
4	Thur.	16	9 ·84	1 ·17	22	4	Wed.	16	12 ·56	9 ·78	25	3	Sun.	15	13 ·24	14 ·12	26
5	Fri.	17	10 ·85	2 ·23	23	5	Thur.	17	13 ·46	10 ·71	26	4	Mon.	16	14 ·16	15 ·06	27
6	Sat.	18	11 ·83	3 ·26	24	6	Fri.	18	14 ·36	11 ·64	27					16 ·01	
7	Sun.	19	12 ·81	4 ·27	25	7	Sat.	19	—**A** ·26	12 ·57	28	5	Tues.	17	—**A** ·08	17 ·93	28
8	Mon.	20	13 ·76	5 ·26	26	8	Sun.	20	1 ·16	13 ·50	—29				1 ·02		
9	Tues.	21	14 ·70	6 ·25	27				2 ·06	14 ·45	1	6	Wed.	18	2 ·99	18 ·98	—29
10	Wed.	22	—**A** ·62	7 ·21	28	9	Mon.	21	3 ·98			7	Thur.	19	3 ·98	19 ·98	1
11	Thur.	23	1 ·54	8 ·15	—29				4 ·91	15 ·39	2	8	Fri.	20	4 ·98	... ...	2
12	Fri.	24	2 ·44	9 ·09	1	10	Tues.	22	5 ·85	16 ·35	3	9	Sat.	21	5 ·99	20 ·00	3
				10 ·02		11	Wed.	23	6 ·80	17 ·33	4	10	Sun.	22	... ...	21 ·04	4
13	Sat.	25	3 ·34	11 ·96	2	12	Thur.	24	7 ·78	18 ·32	5	11	Mon.	23	6 ·04	22 ·11	5
14	Sun.	26	4 ·24	12 ·89	3	13	Fri.	25	8 ·78	19 ·34	6	12	Tues.	24	7 ·11	23 ·20	6
15	Mon.	27	5 ·14	13 ·83	4	14	Sat.	26	9 ·79	20 ·37	7	13	Wed.	25	8 ·18	24 ·29	7
			6 ·04			15	Sun.	27	10 ·84	21 ·43	8	14	Thur.	26	9 ·26	25 ·40	8
16	Tues.	28	7 ·94	14 ·77	5	16	Mon.	28	11 ·89	22 ·50	9	15	Fri.	27	10 ·36	26 ·51	9
17	Wed.	29	8 ·86	15 ·72	6	17	Tues.	29	12 ·97	23 ·59	10	16	Sat.	28	11 ·44	27 ·61	10
18	Thur.	30	9 ·80	16 ·69	7	18	Wed.	30				17	Sun.	29	12 ·52	1 ·71	11
19	Fri.	31	10 ·75	17 ·68	8							18	Mon.	30	13 ·58	2 ·78	12
	Aug.						**Oct.**						**Dec.**				
20	Sat.	1	11 ·73	18 ·68	9	19	Thur.	1		24 ·69	11	19	Tues.	1	14 ·63	3 ·84	13
21	Sun.	2	12 ·73	19 ·70	10	20	Fri.	2	**Āśvina.**	25 ·80	12	20	Wed.	2	**P** ·64	4 ·88	14
22	Mon.	3	13 ·75	20 ·74	11	21	Sat.	3	13 ·05	26 ·91	13	21	Thur.	3	1 ·62	5 ·89	15
23	Tues.	4	14 ·78	21 ·81	12	22	Sun.	4	**P** ·22	... ...	14	22	Fri.	4	2 ·60	6 ·89	16
24	Wed.	5	**P** ·85	22 ·89	13	23	Mon.	5	1 ·30	27 ·01	15	23	Sat.	5	3 ·56	7 ·87	17
25	Thur.	6	1 ·92	23 ·99	14	24	Tues.	6	2 ·36	1 ·09	16	24	Sun.	6	4 ·50	8 ·84	18
26	Fri.	7	... ...	... ...	15	25	Wed.	7	3 ·39	2 ·16	17	25	Mon.	7	5 ·43	9 ·78	19
27	Sat.	8	2 ·00	24 ·09	16	26	Thur.	8	4 ·42	3 ·22	18	26	Tues.	8	6 ·35	10 ·72	20
28	Sun.	9	3 ·08	25 ·20	17	27	Fri.	9	5 ·40	4 ·24	19	27	Wed.	9	7 ·25	11 ·66	21
29	Mon.	10	4 ·16	26 ·31	18	28	Sat.	10	6 ·38	5 ·25	20	28	Thur.	10	8 ·15	12 ·60	22
30	Tues.	11	5 ·23	27 ·40	19	29	Sun.	11	7 ·35	6 ·28	21				9 ·05		
—31	Wed.	12	6 ·28	1 ·48	20	30	Mon.	12	8 ·28	7 ·20	22	—29	Fri.	11	10 ·95	13 ·52	23
1	Thur.	13	7 ·33	2 ·54	21	—31	Tues.	13	9 ·21	8 ·17	23	1	Sat.	12	11 ·86	14 ·46	24
2	Fri.	14	8 ·34	3 ·58	22	1	Wed.	14	10 ·12	9 ·11	24	2	Sun.	13	12 ·78	15 ·40	25
3	Sat.	15	9 ·33	4 ·59	23	2	Thur.	15	11 ·03	10 ·05	25	3	Mon.	14	13 ·72	16 ·35	26
4	Sun.	16	10 ·30	5 ·60	24				12 ·93	11 ·98		4	Tues.	15	14 ·66	17 ·32	27
5	Mon.	17	11 ·26	6 ·58	25	3	Fri.	16	13 ·83	12 ·91	26	5	Wed.	16	—**A** ·63	18 ·30	28
6	Tues.	18	12 ·20	7 ·54	26	4	Sat.	17	14 ·73	13 ·85	27	6	Thur.	17	1 ·61	19 ·30	29
7	Wed.	19	13 ·12	8 ·49	27	5	Sun.	18	—**A** ·63	14 ·78	28	7	Fri.	18	2 ·62	20 ·32	—30
			14 ·03			6	Mon.	19	1 ·55	15 ·73	29	8	Sat.	19	3 ·65	21 ·35	1
8	Thur.	20	**A** ·93	9 ·43	28	7	Tues.	20	2 ·47	16 ·68	—30	9	Sun.	20	4 ·68	22 ·42	2
9	Fri.	21	1 ·83	10 ·37	29	8	Wed.	21	3 ·42	17 ·65	1	10	Mon.	21	5 ·75	23 ·50	3
10	Sat.	22	2 ·73	11 ·30	—30	9	Thur.	22	4 ·38	18 ·64	2	11	Tues.	22	6 ·83	24 ·59	4
11	Sun.	23	3 ·63	12 ·23	1	10	Fri.	23	5 ·37	19 ·66	3	12	Wed.	23	7 ·92	25 ·70	5
12	Mon.	24	4 ·53	13 ·16	2	11	Sat.	24	6 ·37	20 ·69	4	13	Thur.	24	... ...	26 ·81	6
13	Tues.	25	5 ·44	14 ·10	3	12	Sun.	25	7 ·38	21 ·73	5	14	Fri.	25	8 ·01	27 ·92	7
14	Wed.	26	6 ·37	15 ·06	4	13	Mon.	26	8 ·42	22 ·80	6	15	Sat.	26	9 ·09	... ...	8
15	Thur.	27	7 ·30	16 ·02	5	14	Tues.	27	9 ·48	23 ·89	7	16	Sun.	27	10 ·17	1 ·01	9
16	Fri.	28	8 ·27	17 ·00	6	15	Wed.	28	10 ·55	24 ·99	8	17	Mon.	28	11 ·22	2 ·09	10
17	Sat.	29	9 ·25	18 ·00	7	16	Thur.	29	11 ·63	... ...	9	18	Tues.	29	12 ·27	3 ·15	11
18	Sun.	30	10 ·24	19 ·01	8	17	Fri.	30	12 ·73	25 ·10	10	19	Wed.	30	13 ·28	4 ·19	12
19	Mon.	31	11 ·25	20 ·06	9	18	Sat.	31	13 ·82	26 ·21	11	20	Thur.	31	14 ·27	5 ·22	13

Śaumya. **Karkataka—Ādi.** *Sukla.* *Bahula.* *H.* 1203 *Shawwāl.*

Śaumya. **Siṁha—Āvaṇi.** *Sukla.* *Bahula.* *H.* 1203 *Zī-l-ka'da.*

Śaumya. **Kanyā—Puraṭṭāśi.** *Sukla.* *Bahula.* *H.* 1203 *Zī-l-hijja.*

Śaumya. **Tulā—Aippaśi.** *Sukla.* *Bahula.* *H.* 1204 *Muḥarram.*

Śaumya. **Vṛśchika—Kārttigai.** *Sukla.* *Bahula.* *H.* 1204 *Ṣafar.*

Śaumya. **Dhanus—Mārgaḷi.** *Sukla.* *Bahula.* *H.* 1204 *Rabī-ul awwal.*

Śaumya. **Mārgaśirsha.** *Sukla.* *Bahula.* *H.* 1204 *Rabī-ul ākhir.*

Śaumya. **Pausha.** *Sukla.* *Bahula.* *H.* 1204 *Ṣafar.*

13. Hasta 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Satab.

A.D. 1790. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·16.** **Śaka 1712.** **Kaliyuga 4891.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·06.** **(S. Cycle) Sâdhâraṇa.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Fri.	1	P ·25	6 ·22	14	21	Mon.	1	P ·23	11 ·68	14	22	Sat.	1	3 ·71	18 ·95	16
22	Sat.	2	1 ·20	7 ·20	15	22	Tues.	2	1 ·14	12 ·61	15	23	Sun.	2	4 ·66	19 ·92	17
23	Sun.	3	2 ·14	8 ·17	16	23	Wed.	3	2 ·04 3 ·94	13 ·54	16	24	Mon.	3	5 ·63	20 ·92	18
24	Mon.	4	3 ·07 4 ·99	9 ·12	17	24	Thur.	4	4 ·84	14 ·48	17	25	Tues.	4	6 ·61	21 ·93	19
25	Tues.	5	5 ·90	10 ·06	18	25	Fri.	5	5 ·75	15 ·40	18	26	Wed.	5	7 ·61	22 ·97	20
26	Wed.	6	6 ·80	11 ·00 12 ·93	19	26	Sat.	6	6 ·67	16 ·35	19	27	Thur.	6	8 ·64	... ...	21
27	Thur.	7	7 ·70	13 ·86	20	27	Sun.	7	7 ·59	17 ·31	20	28	Fri.	7	9 ·68	23 ·03	22
28	Fri.	8	8 ·60	14 ·79	21	28	Mon.	8	8 ·55	18 ·28	21	29	Sat.	8	10 ·75	24 ·11	23
—29	Sat.	9	9 ·51	15 ·73	22	—30	Wed.	10	10 ·51	20 ·28	23	—31	Mon.	10	12 ·90	26 ·30	25
1	Sun.	10	10 ·43	16 ·69	23	1	Thur.	11	11 ·51	21 ·30	24	1	Tues.	11	13 ·98	27 ·41	26
2	Mon.	11	11 ·36	17 ·65	24	2	Fri.	12	12 ·54	22 ·35	25	2	Wed.	12	... ...	1 ·52	27
3	Tues.	12	12 ·30	18 ·63	25	3	Sat.	13	13 ·59	23 ·41	26	3	Thur.	13	14 ·07	2 ·62	28
4	Wed.	13	13 ·28	19 ·62	26	4	Sun.	14	14 ·65	24 ·49	27	4	Fri.	14	—A ·13	3 ·70	—29
5	Thur.	14	14 ·26	20 ·63	27	5	Mon.	15	—A ·73	25 ·60	28	5	Sat.	15	1 ·18	4 ·76	1
6	Fri.	15	—A ·27	21 ·67	28	6	Tues.	16	1 ·82	26 ·71	—29	6	Sun.	16	2 ·21	5 ·81	2
7	Sat.	16	1 ·29	22 ·73	—29	7	Wed.	17	2 ·91	27 ·81	1	7	Mon.	17	3 ·21	6 ·84	3
8	Sun.	17	2 ·34	23 ·80	1	8	Thur.	18	3 ·98	1 ·91	2	8	Tues.	18	4 ·20	7 ·85	4
9	Mon.	18	3 ·40	24 ·89	2	9	Fri.	19	... ...	... ...	3	9	Wed.	19	5 ·17	8 ·83	5
10	Tues.	19	4 ·49	25 ·99	3	10	Sat.	20	4 ·04	2 ·00	4	10	Thur.	20	6 ·13	9 ·80	6
11	Wed.	20	5 ·58	... ...	4	11	Sun.	21	5 ·10	3 ·09	5	11	Fri.	21	7 ·05 8 ·96	10 ·75	7
12	Thur.	21	6 ·67	26 ·11	5	12	Mon.	22	6 ·14	4 ·14	6	12	Sat.	22	9 ·87	11 ·69	8
13	Fri.	22	7 ·75	27 ·22	6	13	Tues.	23	7 ·15	5 ·18	7	13	Sun.	23	10 ·77	12 ·64	9
14	Sat.	23	8 ·82	1 ·31	7	14	Wed.	24	8 ·13	6 ·19	8	14	Mon.	24	11 ·67	13 ·57	10
15	Sun.	24	9 ·88	2 ·40	8	15	Thur.	25	9 ·10	7 ·19	9	15	Tues.	25	12 ·57	14 ·49	11
16	Mon.	25	10 ·91	3 ·46	9	16	Fri.	26	10 ·05 11 ·98	8 ·17	10	16	Wed.	26	13 ·47	15 ·43	12
17	Tues.	26	11 ·92	4 ·51	10	17	Sat.	27	12 ·91	9 ·13	11	17	Thur.	27	14 ·37	16 ·36	13
18	Wed.	27	12 ·92	5 ·54	11	18	Sun.	28	13 ·81	10 ·08	12	18	Fri.	28	P ·29	17 ·32	14
19	Thur.	28	13 ·89	6 ·55	12	19	Mon.	29	14 ·71	11 ·02 12 ·95	13	19	Sat.	29	1 ·22	18 ·28	15
20	Fri.	29	14 ·85	7 ·53	13	20	Tues.	30	P ·61	13 ·89	14	20	Sun.	30	2 ·16	19 ·25	16
21	Sat.	30	P ·78	8 ·50	14	21	Wed.	31	1 ·51	14 ·82	15	21	Mon.	31	3 ·13	20 ·24	17
22	Sun.	31	1 ·71	9 ·45	15												
	Feb.						**April.**						**June.**				
23	Mon.	1	2 ·62	10 ·40	16	22	Thur.	1	2 ·42	15 ·75	16	22	Tues.	1	4 ·10	21 ·25	18
24	Tues.	2	3 ·52	11 ·34	17	23	Fri.	2	3 ·33	16 ·69	17	23	Wed.	2	5 ·11	22 ·29	19
25	Wed.	3	4 ·42	12 ·27	18	24	Sat.	3	4 ·25	17 ·64	18	24	Thur.	3	6 ·13	23 ·34	20
26	Thur.	4	5 ·32	13 ·20	19	25	Sun.	4	5 ·17	18 ·61	19	25	Fri.	4	7 ·19	24 ·41	21
27	Fri.	5	6 ·23	14 ·13	20	26	Mon.	5	6 ·13	19 ·60	20	26	Sat.	5	8 ·25	25 ·50	22
28	Sat.	6	7 ·14	15 ·08	21	27	Tues.	6	7 ·09	20 ·60	21	27	Sun.	6	9 ·32	26 ·60	23
29	Sun.	7	8 ·06 9 ·99	16 ·02 17 ·98	22	28	Wed.	7	8 ·08	21 ·62	22	28	Mon.	7	10 ·40	27 ·72	24
—30	Mon.	8	10 ·94	18 ·95	23	29	Thur.	8	9 ·08	22 ·66	23	29	Tues.	8	11 ·48	1 ·82	25
1	Tues.	9	11 ·91	19 ·94	24	—30	Fri.	9	10 ·11	23 ·72	24	30	Wed.	9	12 ·56	2 ·92	26
2	Wed.	10	12 ·89	20 ·96	25	1	Sat.	10	11 ·15	24 ·81	25	—31	Thur.	10	13 ·62	... ...	27
3	Thur.	11	13 ·90	21 ·99	26	2	Sun.	11	12 ·21	25 ·90	26	1	Fri.	11	14 ·67	3 ·01	28
4	Fri.	12	14 ·94	... ...	27	3	Mon.	12	13 ·29	... ...	27	2	Sat.	12	—A ·69	4 ·07	29
5	Sat.	13	—A ·99	22 ·04	28	4	Tues.	13	14 ·38	26 ·00	28	3	Sun.	13	1 ·70	5 ·13	—30
6	Sun.	14	... ...	23 ·11	29	5	Wed.	14	—A ·47	27 ·11	29	4	Mon.	14	2 ·69	6 ·16	1
7	Mon.	15	1 ·04	24 ·19	—30	6	Thur.	15	1 ·54	1 ·22	—30	5	Tues.	15	3 ·65	7 ·17	2
8	Tues.	16	2 ·13	25 ·29	1	7	Fri.	16	2 ·61	2 ·31	1	6	Wed.	16	4 ·61	8 ·16	3
9	Wed.	17	3 ·22	26 ·40	2	8	Sat.	17	3 ·66	3 ·40	2	7	Thur.	17	5 ·54	9 ·13	4
10	Thur.	18	4 ·30	27 ·50	3	9	Sun.	18	4 ·69	4 ·46	3	8	Fri.	18	6 ·46	10 ·08	5
11	Fri.	19	5 ·38	1 ·61	4	10	Mon.	19	5 ·70	5 ·49	4	9	Sat.	19	7 ·36	11 ·04 12 ·97	6
12	Sat.	20	6 ·45	2 ·70	5	11	Tues.	20	6 ·68	6 ·51	5	10	Sun.	20	8 ·26	13 ·90	7
13	Sun.	21	7 ·51	3 ·77	6	12	Wed.	21	7 ·65	7 ·52	6	11	Mon.	21	9 ·16	14 ·83	8
14	Mon.	22	8 ·53	4 ·83	7	13	Thur.	22	8 ·60	8 ·50	7	12	Tues.	22	10 ·06 11 ·96	15 ·76	9
15	Tues.	23	9 ·55	5 ·86	8	14	Fri.	23	9 ·53	9 ·46	8	13	Wed.	23	12 ·8	71.	10
16	Wed.	24	10 ·54	6 ·87	9	15	Sat.	24	10 ·45	10 ·41	9	14	Thur.	24	13 ·7	85	11
17	Thur.	25	11 ·51	7 ·86	10	16	Sun.	25	11 ·36	11 ·36	10	15	Fri.	25	14 ·7	91	12
18	Fri.	26	12 ·46	8 ·83	11	17	Mon.	26	12 ·26	12 ·30	11	16	Sat.	26	P ·4	98	13
19	Sat.	27	13 ·39	9 ·80	12	18	Tues.	27	13 ·16	13 ·23	12	17	Sun.	27	1 ·	96	14
20	Sun.	28	14 ·32	10 ·74	13	19	Wed.○	28	14 ·06 P ·96	14 ·17	13	18	Mon.	28	2	88	15
						20	Thur.	29	1 ·87	15 ·09	14	19	Tues.	29	3	80	16
						21	Fri.	30	2 ·78	16 ·08 17 ·98	15	20	Wed.	30	4	68	17

Saumya. **Makara—Tai.** | Sukla. | Pausha. | Bahula. | H. 1204 Rabi-ul ākhir. | Jamāda'l awwal. | Saumya. **Kumbha—Māśi.** | Sukla. | Phālguna. | Bahula. | H. 1204 Jamāda'l ākhir. | Rajab. | Saumya. **Mīna—Pangūni.** | Sukla. | Chaitra. | Bahula. | H. 1204 Sha'bān. | Shawwāl. | Sadhārana. **Mēsha—Chittirai.** | Sukla. | Vaiśākha. | Bahula. | H. 1204 Ramazān. | Dhū'l qa'da. | Sādhārana. **Vrishabha—Vaigāśi.** | Sukla. | Jyeshtha. | Bahula. | H. 1204 Shawwāl. | Dhū'l hijja. | Sādhārana. **Mithuna—Āni.** | Sukla. | Āshādha. | Bahula. | H. 1204 Ramazān. | Muharram. | Adhika. **Mithuna—Āni.** | Sukla. | Āshādha. | Bahula. | H. 1204 Shawwāl. | Safar.

Naksh — 1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11 25. P. Bhad. 26. U. Bhad. 27. Rev. 12 U. Phal.

A.D. 1790. **Kollam 966,** { **N. Malabar—Sep.** **Hijra 1205.** **Vikrama 1847.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Sep. 10.** **Bengal San. 1196**
P—Paurnimā. **(N. Cycle) Durmati.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
21	Thur. 1	5 ·66	24 ·72	18
22	Fri. 2	6 ·71	25 ·80	19
23	Sat. 3	7 ·79	26 ·90	20
24	Sun. 4	8 ·87	... ...	21
25	Mon. 5	9 ·95	27 ·01	22
26	Tues. 6	... ...	1 ·12	23
27	Wed. 7	10 ·03	2 ·22	24
28	Thur. 8	11 ·09	3 ·31	25
29	Fri. 9	12 ·14	4 ·38	26
30	Sat. 10	13 ·17	5 ·45	27
31	Sun. 11	14 ·19	6 48	28
—32	Mon. 12	—A ·17	7 ·49	—29
1	Tues. 13	1 ·14	8 ·48	1
2	Wed. 14	2 ·09	9 ·45	2
3	Thur. 15	3 ·02 4 ·94	10 ·43	3
4	Fri. 16	5 ·85	11 ·37	4
5	Sat. 17	6 ·75	12 ·31	5
6	Sun. 18	7 ·65	13 ·24	6
7	Mon. 19	8 ·55	14 ·17	7
8	Tues. 20	9 ·44	15 ·11	8
9	Wed. 21	10 ·34	16 ·05 17 ·99	9
10	Thur. 22	11 ·26	18 ·94	10
11	Fri. 23	12 ·18	19 ·90	11
12	Sat. 24	13 ·13	20 ·90	12
13	Sun. 25	14 ·08	21 ·90	13
14	Mon. 26	P ·07	22 ·92	14
15	Tues. 27	1 ·07	23 ·96	15
16	Wed. 28	2 ·09	... ...	16
17	Thur. 29	3 ·12	24 ·02	17
18	Fri. 30	4 ·18	25 ·11	18
19	Sat. 31	5 ·25	26 ·21	19
	Aug.			
20	Sun. 1	6 ·33	27 ·31	20
21	Mon. 2	7 ·42	1 ·42	21
22	Tues. 3	8 ·50	2 ·52	22
23	Wed. 4	9 ·57	3 ·61	23
24	Thur. 5	10 ·61	4 ·70	24
25	Fri. 6	11 ·65	5 ·76	25
26	Sat. 7	12 ·67	6 ·80	26
27	Sun. 8	13 ·65	7 ·81	27
28	Mon. 9	14 ·62	8 ·81	28
29	Tues. 10	—A ·57	9 ·80	29
30	Wed. 11	1 ·52	10 ·76	—30
—31	Thur. 12	2 ·43	11 ·71	1
1	Fri. 13	3 ·34	12 ·65	2
2	Sat. 14	4 ·24	13 ·58	3
3	Sun. 15	5 ·14	14 ·52	4
4	Mon. 16	6 ·04 7 ·94	15 ·45	5
5	Tues. 17	8 ·85	16 ·38	6
6	Wed. 18	9 ·76	17 ·32	7
7	Thur. 19	10 ·68	18 ·27	8
8	Fri. 20	11 ·62	19 ·24	9
9	Sat. 21	12 ·58	20 ·22	10
10	Sun. 22	13 ·55	21 ·22	11
11	Mon. 23	14 ·56	22 ·23	12
12	Tues. 24	P ·58	23 ·27	13
13	Wed. 25	1 ·62	24 ·34	14
14	Thur. 26	2 ·69	25 ·41	15
15	Fri. 27	3 ·76	26 ·51	16
16	Sat. 28	4 ·83	27 ·61	17
17	Sun. 29	5 ·92	1 ·72	18
18	Mon. 30	... ...	2 ·82	19
19	Tues. 31	6 ·00	3 ·93	20

Śādhāraṇa. **Karkaṭaka—Āḍi.** *Śukla.* *Bahula.* **Nija Āshādha.**

Śādhāraṇa. **Simha—Āvaṇi.** *Śukla.* *Bahula.* **Śrāvaṇa.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
20	Wed. 1	7 ·07	... ...	21
21	Thur. 2	8 ·12	4 ·01	22
22	Fri. 3	9 ·16	5 ·07	23
23	Sat. 4	10 ·18	6 ·11	24
24	Sun. 5	11 ·16	7 ·13	25
25	Mon. 6	12 ·14	8 ·14	26
26	Tues. 7	13 ·10	9 ·13	27
27	Wed. 8	14 ·03 A ·95	10 ·09	28
28	Thur. 9	1 ·86	11 ·04 12 ·99	—29
29	Fri. 10	2 ·76	13 ·93	1
30	Sat. 11	3 ·66	14 ·86	2
31	Sun. 12	4 ·56	15 ·79	3
—32	Mon. 13	5 ·46	16 ·72	4
1	Tues. 14	6 ·37	17 ·66	5
2	Wed. 15	7 ·28	18 ·60	6
3	Thur. 16	8 ·22	19 ·57	7
4	Fri. 17	9 ·16	20 ·55	8
5	Sat. 18	10 ·12	21 ·54	9
6	Sun. 19	11 ·09	22 ·55	10
7	Mon. 20	12 ·08	23 ·59	11
8	Tues. 21	13 ·11	24 ·65	12
9	Wed. 22	14 ·15	25 ·72	13
10	Thur. 23	P ·21	26 ·81	14
11	Fri. 24	1 ·28	27 ·91	15
12	Sat. 25	2 ·37	... ...	16
13	Sun. 26	3 ·45	1 ·02	17
14	Mon. 27	4 ·53	2 ·13	18
15	Tues. 28	5 ·61	3 ·23	19
16	Wed. 29	6 ·66	4 ·31	20
17	Thur. 30	7 ·70	5 ·38	21
	Oct.			
18	Fri. 1	8 ·72	6 ·43	22
19	Sat. 2	9 ·71	7 ·46	23
20	Sun. 3	10 ·69	8 ·47	24
21	Mon. 4	11 ·66	9 ·45	25
22	Tues. 5	12 ·58	10 ·42	26
23	Wed. 6	13 ·49	11 ·38	27
24	Thur. 7	14 ·40	12 ·33	28
25	Fri. 8	—A ·31	13 ·27	29
26	Sat. 9	1 ·22	14 ·20	—30
27	Sun. 10	2 ·12	15 ·13	1
28	Mon. 11	3 ·02 4 ·93	16 .06 17 ·99	2
29	Tues. 12	5 ·84	18 ·95	3
—30	Wed. 13	6 ·78	19 ·90	4
1	Thur. 14	7 ·72	20 ·87	5
2	Fri. 15	8 ·68	21 ·86	6
3	Sat. 16	9 ·66	22 ·87	7
4	Sun. 17	10 ·67	23 ·91	8
5	Mon. 18	11 ·68	24 ·95	9
6	Tues. 19	12 ·72	... ...	10
7	Wed. 20	13 ·78	25 ·02	11
8	Thur. 21	14 ·86	26 ·11	12
9	Fri. ○22	P ·94	27 ·21	13
10	Sat. 23	... ...	1 ·32	14
11	Sun. 24	1 ·03	2 ·43	15
12	Mon. 25	2 ·12	3 ·53	16
13	Tues. 26	3 ·19	4 62	17
14	Wed. 27	4 ·25	5 ·69	18
15	Thur. 28	5 ·28	6 ·75	19
16	Fri. 29	6 ·30	7 ·78	20
17	Sat. 30	7 ·29	8 ·79	21
18	Sun. 31	8 ·27	9 ·78	22

Śādhāraṇa. **Tulā—Aipaśi.** *Śukla.* *Bahula.* **Āśvina.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
19	Mon. 1	9 ·24	10 ·75	23
20	Tues. 2	10 ·17	11 ·71	24
21	Wed. 3	11 ·09	12 ·67	25
22	Thur. 4	12 ·00 13 ·91	13 ·61	26
23	Fri. 5	14 ·81	14 ·54	27
24	Sat. 6	—A ·71	15 ·47	28
25	Sun. 7	1 ·61	16 ·40	—29
26	Mon. 8	2 ·52	17 ·34	1
27	Tues. 9	3 ·44	18 ·28	2
28	Wed. 10	4 ·37	19 ·23	3
29	Thur. 11	5 ·31	20 ·20	4
—30	Fri. 12	6 ·28	21 ·18	5
1	Sat. 13	7 ·26	22 ·20	6
2	Sun. 14	8 ·27	23 ·22	7
3	Mon. 15	9 ·29	24 ·26	8
4	Tues. 16	10 ·34	25 ·33	9
5	Wed. 17	11 ·40	26 ·41	10
6	Thur. 18	12 ·48	27 ·51	11
7	Fri. 19	13 ·57	1 ·62	12
8	Sat. 20	14 ·65	2 ·73	13
9	Sun. 21	P ·73	3 ·83	14
10	Mon. 22	1 ·80	4 ·92	15
11	Tues. 23	2 ·87	... ...	16
12	Wed. 24	3 ·91	5 ·01	17
13	Thur. 25	4 ·93	6 ·06	18
14	Fri. 26	5 ·91	7 ·10	19
15	Sat. 27	6 ·89	8 ·11	20
16	Sun. 28	7 ·85	9 ·11	21
17	Mon. 29	8 ·78	10 ·08	22
18	Tues. 30	9 ·71	11 ·06	23
	Dec.			
19	Wed. 1	10 ·63	12 ·00 13 ·94	24
20	Thur. 2	11 ·53	14 ·88	25
21	Fri. 3	12 ·43	15 ·80	26
22	Sat. 4	13 ·33	16 .74	27
23	Sun. 5	14 ·24	17 ·68	28
24	Mon. 6	—A ·15	18 ·62	29
25	Tues. 7	1 ·06	19 ·57	—30
26	Wed. 8	2 ·00 3 ·95	20 ·53	1
27	Thur. 9	4 ·91	21 ·52	2
28	Fri. 10	5 ·90	22 ·52	3
29	Sat. 11	6 ·91	23 ·54	4
1	Sun. 12	7 ·93	24 ·57	5
2	Mon. 13	8 ·98	25 ·63	6
3	Tues. 14	... ...	26 ·72	7
4	Wed. 15	9 ·05	27 ·82	8
5	Thur. 16	10 ·13	1 ·92	9
6	Fri. 17	11 ·22	... ...	10
7	Sat. 18	12 ·32	2 ·02	11
8	Sun. 19	13 ·39	3 ·13	12
9	Mon. 20	14 ·45	4 ·23	13
10	Tues. 21	P ·51	5 ·31	14
11	Wed. 22	1 ·55	6 ·37	15
12	Thur. 23	2 ·57	7 ·41	16
13	Fri. 24	3 ·56	8 ·43	17
14	Sat. 25	4 ·54	9 ·43	18
15	Sun. 26	5 ·49	10 ·42	19
16	Mon. 27	6 ·43	11 ·39	20
17	Tues. 28	7 ·35	12 ·34	21
18	Wed. 29	8 ·26	13 ·28	22
19	Thur. 30	9 ·17	14 ·21	23
20	Fri. 31	10 ·07 11 ·97	15 ·15	24

Śādhāraṇa. **Vṛśchika—Kārttika.** *Śukla.* *Bahula.* **Mārgaśirsha.**

Śādhāraṇa. **Dhanus—Mārgaḷi.** *Śukla.* *Bahula.* **Pauṣha.**

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1791. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·42.** **Śaka 1713.** **Kaliyuga 4892.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·32.** **(S. Cycle) Virodhakṛit.**

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Sādhārana. **Makara—Tai.**	**Jan.**			
21	Sat. 1	12 ·88	16 ·08	25
22	Sun. 2	13 ·79	17 ·01 / 18 ·95	26
23	Mon. 3	14 ·70	19 ·90	27
24	Tues. 4	—**A** ·64	20 ·87	28
25	Wed. 5	1 ·59	21 ·85	—29
26	Thur. 6	2 ·55	22 ·84	1
27	Fri. 7	3 ·54	23 ·85	2
28	Sat. 8	4 ·55	24 ·89	3
29	Sun. 9	5 ·58	25 ·95	4
—30	Mon. 10	6 ·63	... ...	5
1	Tues. 11	*Sukla.* 7 ·69	26 ·02	6
2	Wed. 12	8 ·77	27 ·11	7
3	Thur. 13	9 ·87	1 ·21	8
4	Fri. 14	10 ·96	2 ·32	9
5	Sat. 15	... ...	3 ·43	10
6	Sun. 16	11 ·04	4 ·53	11
7	Mon. 17	12 ·11	5 ·62	12
8	Tues. 18	13 ·16	6 ·68	13
9	Wed. 19	14 ·20	7 ·73	14
10	Thur. 20	**Pausha.** ☿ ·21	8 ·75	15
11	Fri. 21	1 ·20	9 ·77	16
12	Sat. 22	2 ·18	10 ·75	17
13	Sun. 23	3 ·12	11 ·72	18
14	Mon. 24	4 ·06 / 5 ·98	12 ·67	19
15	Tues. 25	6 ·90	13 ·62	20
16	Wed. 26	7 ·80	14 ·56	21
17	Thur. 27	*Bahula.* 8 ·70	15 ·49	22
18	Fri. 28	9 ·60	16 ·42	23
19	Sat. 29	10 ·51	17 ·35	24
20	Sun. 30	11 ·42	18 ·29	25
21	Mon. 31	12 ·34	19 ·24	26
	Feb.			
22	Tues. 1	13 ·28	20 ·20	27
23	Wed. 2	14 ·23	21 ·17	28
24	Thur. 3	—**A** ·19	22 ·16	29
25	Fri. 4	1 ·19	23 ·17	—30
26	Sat. 5	2 ·20	24 ·20	1
27	Sun. 6	3 ·23	25 ·26	2
28	Mon. 7	4 ·27	26 ·33	3
—29	Tues. 8	5 ·34	27 ·41	4
1	Wed. 9	*Sukla.* 6 ·42	1 ·51	5
2	Thur. 10	7 ·52	2 ·62	6
3	Fri. 11	8 ·60	3 ·74	7
4	Sat. 12	9 ·68	4 ·83	8
5	Sun. 13	10 ·75	5 ·92	9
6	Mon. 14	11 ·80	6 ·99	10
7	Tues. 15	12 ·83	... ...	11
8	Wed. 16	**Māgha.** 13 ·84	7 ·04	12
9	Thur. 17	14 ·84	8 ·08	13
10	Fri. 18	☿ ·81	9 ·09	14
11	Sat. 19	1 ·75	10 ·08	15
12	Sun. 20	2 ·68	11 ·05 / 12 ·01	16
Sādhārana. **Kumbha—Māgh.** 13	Mon. 21	3 ·60	13 ·96	17
14	Tues. 22	4 ·52	14 ·90	18
15	Wed. 23	5 ·43	15 ·88	19
16	Thur. 24	6 ·33	16 ·76	20
17	Fri. 25	7 ·23	17 ·69	21
18	Sat. 26	8 ·13	18 ·63	22
19	Sun. 27	*Bahula.* 9 ·04 / 10 ·96	19 ·58	23
20	Mon. 28	11 ·90	20 ·53	24

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Sādhārana. **Mīna—Pañguni.**	**March.**			
21	Tues. 1	12 ·85	21 ·50	25
22	Wed. 2	13 ·82	22 ·48	26
23	Thur. 3	14 ·80	23 ·50	27
24	Fri. 4	—**A** ·81	24 ·52	28
25	Sat. 5	1 ·84	25 ·57	—29
26	Sun. 6	2 ·88	26 ·63	1
27	Mon. 7	3 ·95	27 ·71	2
28	Tues. 8	... ...	1 ·81	3
29	Wed. 9	4 ·05	2 ·93	4
—30	Thur. 10	*Sukla.* 5 ·14	... ...	5
1	Fri. 11	6 ·22	3 ·03	6
2	Sat. 12	7 ·30	4 ·14	7
3	Sun. 13	8 ·36	5 ·23	8
4	Mon. 14	9 ·40	6 ·30	9
5	Tues. 15	10 ·44	7 ·36	10
6	Wed. 16	11 ·44	8 ·39	11
7	Thur. 17	**Phālguna.** 12 ·43	9 ·41	12
8	Fri. 18	13 ·39	10 ·41	13
9	Sat. 19	14 ·34	11 ·38	14
10	Sun. 20	☿ ·28	12 ·35	15
11	Mon. 21	1 ·21	13 ·30	16
12	Tues. 22	2 ·12	14 ·24	17
13	Wed. 23	3 ·02	15 ·17	18
14	Thur. 24	4 ·91	16 ·10	19
15	Fri. 25	*Bahula.* 5 ·81	17 ·03 / 18 ·97	20
16	Sat. 26	6 ·72	19 ·91	21
17	Sun. 27	7 ·63	20 ·86	22
18	Mon. 28	8 ·55	21 ·83	23
19	Tues. 29	9 ·48	22 ·81	24
20	Wed. 30	10 ·43	23 ·82	25
21	Thur. 31	11 ·40	24 ·84	26
	April.			
22	Fri. 1	12 ·38	25 ·88	27
23	Sat. 2	13 ·39	26 ·94	28
24	Sun. ● 3	14 ·42	... ...	29
25	Mon. 4	—**A** ·47	27 ·02	—30
26	Tues. 5	1 ·54	1 ·12	1
27	Wed. 6	2 ·62	2 ·22	2
28	Thur. 7	3 ·71	3 ·33	3
29	Fri. 8	4 ·79	4 ·44	4
—30	Sat. 9	5 ·87	5 ·53	5
1	Sun. 10	*Sukla.* 6 ·93	6 ·62	6
2	Mon. 11	7 ·97	7 ·68	7
3	Tues. 12	... ...	8 ·71	8
4	Wed. 13	8 ·00	9 ·73	9
5	Thur. 14	9 ·01 / 10 ·99	10 ·73	10
6	Fri. 15	11 ·95	11 ·71	11
7	Sat. 16	12 ·90	12 ·68	12
8	Sun. 17	13 ·83	13 ·63	13
9	Mon. ○ 18	14 ·76	14 ·57	14
10	Tues. 19	**Chaitra.** ☿ ·67	15 ·51	15
11	Wed. 20	1 ·57	16 ·44	16
12	Thur. 21	2 ·47	17 ·38	17
13	Fri. 22	3 ·37	18 ·31	18
14	Sat. 23	4 ·27	19 ·25	19
15	Sun. 24	5 ·17	20 ·19	20
16	Mon. 25	6 ·09	21 ·16	21
17	Tues. 26	*Bahula.* 7 ·03 / 8 ·98	22 ·14	22
18	Wed. 27	9 ·94	23 ·14	23
19	Thur. 28	10 ·92	24 ·15	24
20	Fri. 29	11 ·93	25 ·19	25
21	Sat. 30	12 ·95	26 ·24	26

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Virodhakrit. **Mēsha—Chittirai.**	**May.**			
22	Sun. 1	13 ·00	27 ·33	27
23	Mon. 2	14 ·06	1 ·42	28
24	Tues. 3	—**A** ·15	2 ·52	—29
25	Wed. 4	1 ·24	3 ·63	1
26	Thur. 5	2 ·32	4 ·73	2
27	Fri. 6	3 ·39	5 ·84	3
28	Sat. 7	4 ·45	6 ·92	4
29	Sun. 8	5 ·50	7 ·99	5
30	Mon. 9	*Sukla.* 6 ·52	... ...	6
—31	Tues. 10	7 ·54	8 ·03	7
1	Wed. 11	8 ·52	9 ·05	8
2	Thur. 12	9 ·49	10 ·06	9
3	Fri. 13	10 ·42	11 ·05 / 12 ·02	10
4	Sat. 14	11 ·35	13 ·97	11
5	Sun. 15	12 ·28	14 ·92	12
6	Mon. 16	13 ·18	15 ·85	13
7	Tues. 17	14 ·08 / ☿ ·98	16 ·78	14
8	Wed. 18	1 ·88	17 ·71	15
Virodhakrit. **Vrishabha—Vaigāśi.** 9	Thur. 19	2 ·78	18 ·64	16
10	Fri. 20	3 ·69	19 ·58	17
11	Sat. 21	4 ·60	20 ·53	18
12	Sun. 22	5 ·54	21 ·50	19
13	Mon. 23	6 ·49	22 ·47	20
14	Tues. 24	7 ·45	23 ·46	21
15	Wed. 25	8 ·43	24 ·47	22
16	Thur. 26	*Bahula.* 9 ·43	25 ·50	23
17	Fri. 27	10 ·46	26 ·56	24
18	Sat. 28	11 ·51	27 ·63	25
19	Sun. 29	12 ·57	1 ·72	26
20	Mon. 30	13 ·65	2 ·82	27
21	Tues. 31	14 ·73	3 ·93	28
	June.			
22	Wed. 1	—**A** ·81	... ...	29
23	Thur. 2	1 ·89	4 ·03	—30
24	Fri. 3	2 ·96	5 ·14	1
25	Sat. 4	3 ·99	6 ·23	2
26	Sun. 5	*Sukla.*	7 ·30	3
27	Mon. 6	4 ·01	8 ·34	4
28	Tues. 7	5 ·03	9 ·37	5
29	Wed. 8	6 ·01 / 7 ·99	10 ·39	6
30	Thur. 9	8 ·93	11 ·38	7
31	Fri. 10	9 ·86	12 ·35	8
—32	Sat. 11	10 ·78	13 ·30	9
1	Sun. 12	11 ·68	14 ·25	10
2	Mon. 13	12 ·58	15 ·19	11
3	Tues. 14	13 ·48	16 ·12	12
4	Wed. 15	14 ·38	17 ·05 / 18 ·98	13
5	Thur. 16	☿ ·28	19 ·92	14
6	Fri. 17	1 ·19	20 ·87	15
7	Sat. 18	2 ·10	21 ·83	16
Virodhakrit. **Mithuna—Āni.** 8	Sun. 19	3 ·03 / 4 ·97	22 ·80	17
9	Mon. 20	5 ·93	23 ·78	18
10	Tues. 21	6 ·91	24 ·79	19
11	Wed. 22	7 ·91	25 ·82	20
12	Thur. 23	8 ·94	26 ·87	21
13	Fri. 24	9 ·98	27 ·94	22
14	Sat. 25	*Bahula.*	... ..	23
15	Sun. 26	10 ·05	1 ·02	24
16	Mon. 27	11 ·13	2 ·12	25
17	Tues. 28	12 ·19	3 ·22	26
18	Wed. 29	13 ·28	4 ·34	27
19	Thur. 30	14 ·36	5 ·44	28

Cyclic sidereal year, month and day.	Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
Virodhakrit. **Mithuna—Āni.**	**June.**			
22	Wed. 1	—**A** ·81	... ...	29
23	Thur. 2	1 ·89	4 ·03	—30
24	Fri. 3	2 ·96	5 ·14	1
25	Sat. 4	3 ·99	6 ·23	2
26	Sun. 5	*Sukla.*	7 ·30	3
27	Mon. 6	4 ·01	8 ·34	4
28	Tues. 7	5 ·03	9 ·37	5
29	Wed. 8	6 ·01 / 7 ·99	10 ·39	6
30	Thur. 9	8 ·93	11 ·38	7
31	Fri. 10	9 ·86	12 ·35	8
—32	Sat. 11	10 ·78	13 ·30	9
1	Sun. 12	11 ·68	14 ·25	10
2	Mon. 13	12 ·58	15 ·19	11
3	Tues. 14	13 ·48	16 ·12	12
4	Wed. 15	14 ·38	17 ·05 / 18 ·98	13
5	Thur. 16	☿ ·28	19 ·92	14
6	Fri. 17	1 ·19	20 ·87	15
7	Sat. 18	2 ·10	21 ·83	16
Virodhakrit. **Mithuna—Āni.** 8	Sun. 19	3 ·03 / 4 ·97	22 ·80	17
9	Mon. 20	5 ·93	23 ·78	18
10	Tues. 21	6 ·91	24 ·79	19
11	Wed. 22	7 ·91	25 ·82	20
12	Thur. 23	8 ·94	26 ·87	21
13	Fri. 24	9 ·98	27 ·94	22
14	Sat. 25	*Bahula.*	... ..	23
15	Sun. 26	10 ·05	1 ·02	24
16	Mon. 27	11 ·13	2 ·12	25
17	Tues. 28	12 ·19	3 ·22	26
18	Wed. 29	13 ·28	4 ·34	27
19	Thur. 30	14 ·36	5 ·44	28

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1791. **Kollam 967,** { **N. Malabar—Sep.** **Hijra 1206.** **Vikrama 1848.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Aug. 31.** **Bengal San. 1197.**
P—Paurnimā. **(N. Cycle) Dundubhi.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
20	Fri.	1	—**A** ·43	6 ·53	—29	19	Thur.	1	8 ·33	13 ·31	2	19	Tues.	1	6 ·81	20 ·55	4
21	Sat.	2	1 ·47	7 ·60	1	20	Fri.	2	4 ·26	14 ·26	3	20	Wed.	2	7 ·78	21 ·50	5
22	Sun.	3	2 ·50	8 ·66	2	21	Sat.	3	5 ·17	15 ·21	4	21	Thur.	3	8 ·66	22 ·45	6
23	Mon.	4	*Sukla.* 3 ·51	9 ·70	3	22	Sun.	4	6 ·07 / 7 ·97	16 ·14	5	22	Fri.	4	9 ·61	23 ·42	7
24	Tues.	5	4 ·49	10 ·71	4	23	Mon.	5	8 ·87	17 ·07	6	23	Sat.	5	10 ·57	24 ·40	8
25	Wed.	6	5 ·46	11 ·70	5	24	Tues.	6	9 ·77	18 ·01 / 19 ·94	7	24	Sun.	6	11 ·56	25 ·41	9
26	Thur.	7	6 ·40	12 ·68	6	25	Wed.	7	10 ·67	20 ·88	8	25	Mon.	7	12 ·56	26 ·44	10
27	Fri.	8	7 ·33	13 ·64	7	26	Thur.	8	11 ·59	21 ·82	9	26	Tues.	8	13 ·58	27 ·48	11
28	Sat.	9	8 ·25	14 ·59	8	27	Fri.	9	12 ·52	22 ·78	10	27	Wed.	9	14 ·63	1 ·55	12
29	Sun.	10	9 ·16	15 ·53	9	28	Sat.	10	13 ·47	23 ·77	11	28	Thur.	10	**P** ·70	2 ·63	13
30	Mon.	11	10 ·06 / 11 ·96	16 ·46	10	29	Sun.	11	14 ·42	24 ·76	12	29	Fri.	11	1 ·78	3 ·73	14
—31	Tues.	12	12 ·86	17 ·39	11	30	Mon.	12	**P** ·40	25 ·77	13	—30	Sat.	12	2 ·86	4 ·83	15
1	Wed.	13	13 ·76	18 ·32	12	—31	Tues.	13	1 ·41	26 ·80	14	1	Sun.	13	3 ·95	5 ·95	16
2	Thur.	14	14 ·67	19 ·26	13	1	Wed.	14	2 ·42	27 ·86	15	2	Mon.	14	... ...	... ...	17
3	Fri.	15	**P** ·58	20 ·21	14	2	Thur.	15	3 ·47	1 ·94	16	3	Tues.	15	4 ·03	6 ·05	18
4	Sat.	16	1 ·51	21 ·16	15	3	Fri.	16	4 ·53	... ...	17	4	Wed.	16	5 ·11	7 ·14	19
5	Sun.	17	2 ·45	22 ·12	16	4	Sat.	17	5 ·61	2 ·03	18	5	Thur.	17	6 ·16	8 ·22	20
6	Mon.	18	3 ·41	23 ·11	17	5	Sun.	18	6 ·71	3 ·13	19	6	Fri.	18	7 ·20	9 ·27	21
7	Tues.	19	4 ·39	24 ·11	18	6	Mon.	19	7 ·78	4 ·24	20	7	Sat.	19	8 ·21	10 ·32	22
8	Wed.	20	5 ·39	25 ·14	19	7	Tues.	20	8 ·85	5 ·34	21	8	Sun.	20	9 ·20	11 ·33	23
9	Thur.	21	6 ·42	26 ·18	20	8	Wed.	21	9 ·92	6 ·44	22	9	Mon.	21	10 ·18	12 ·33	24
10	Fri.	22	7 ·45	27 ·24	21	9	Thur.	22	10 ·98	7 ·52	23	10	Tues.	22	11 ·13	13 ·30	25
11	Sat.	23	8 ·52	1 ·32	22	10	Fri.	23	... ...	8 ·60	24	11	Wed.	23	12 ·07	14 ·27	26
12	Sun.	24	9 ·59	2 ·42	23	11	Sat.	24	11 ·01	9 ·65	25	12	Thur.	24	13 ·00 / 14 ·91	15 ·22	27
13	Mon.	25	10 ·67	3 ·53	24	12	Sun.	25	12 ·02	10 ·67	26	13	Fri.	25	—**A** ·82	16 ·16	28
14	Tues.	26	11 ·75	4 ·64	25	13	Mon.	26	13 ·01 / 14 ·99	11 ·68	27	14	Sat.	26	1 ·72	17 ·09	29
15	Wed.	27	12 ·84	5 ·74	26	14	Tues.	27	—**A** ·94	12 ·67	28	15	Sun.	27	2 ·62	18 ·02 / 19 ·95	—30
16	Thur.	28	13 ·90	6 ·83	27	15	Wed.	28	1 ·87	13 ·64	29	16	Mon.	28	3 ·52	20 ·90	1
17	Fri.	29	14 ·94	7 ·91	28	16	Thur.	29	2 ·80	14 ·60	—30	17	Tues.	29	4 ·43	21 ·84	2
18	Sat.	30	—**A** ·98	8 ·98	29	17	Fri.	30	3 ·71	15 ·54	1	18	Wed.	30	5 ·35	22 ·79	3
19	Sun.	31	1 ·99	... ...	—30												
	Aug.						**Oct.**						**Dec.**				
20	Mon.	1	2 ·97	9 ·02	1	18	Sat.	1	4 ·61	16 ·48	2	19	Thur.	1	6 ·28	23 ·75	4
21	Tues.	2	3 ·94	10 ·03	2	19	Sun.	2	5 ·51	17 ·42	3	20	Fri.	2	7 ·23	24 ·73	5
22	Wed.	3	4 ·89	11 ·03	3	20	Mon.	3	6 ·41	18 ·35	4	21	Sat.	3	8 ·20	25 ·73	6
23	Thur.	4	5 ·83	12 ·01 / 13 ·98	4	21	Tues.	4	7 ·31	19 ·28	5	22	Sun.	4	9 ·18	26 ·76	7
24	Fri.	5	*Sukla.* 6 ·74	14 ·93	5	22	Wed.	5	8 ·21	20 ·21	6	23	Mon.	5	10 ·19	27 ·79	8
25	Sat.	6	7 ·65	15 ·87	6	23	Thur.	6	9 ·14	21 ·16	7	24	Tues.	6	11 ·23	1 ·85	9
26	Sun.	7	8 ·55	16 ·80	7	24	Fri.	7	10 ·07	22 ·12	8	25	Wed.	7	12 ·27	2 ·93	10
27	Mon.	8	9 ·45	17 ·73	8	25	Sat.	8	11 ·02 / 12 ·97	23 ·09	9	26	Thur.	8	13 ·34	... ...	11
28	Tues.	9	10 ·35	18 ·67	9	26	Sun.	9	13 ·96	24 ·08	10	27	Fri.	9	14 ·41	3 ·02	12
29	Wed.	10	11 ·25	19 ·60	10	27	Mon.	10	14 ·97	25 ·09	11	28	Sat.	10	**P** ·49	4 ·14	13
30	Thur.	11	12 ·16	20 ·54	11	28	Tues.	11	**P** ·99	26 ·12	12	29	Sun.	11	1 ·58	5 ·25	14
31	Fri.	12	13 ·07	21 ·49	12	29	Wed.	12	... ...	27 ·18	13	—30	Mon.	12	2 ·68	6 ·35	15
—32	Sat.	13	14 ·00 / **P** ·93	22 ·45	13	—30	Thur.	13	1 ·04	1 ·24	14	1	Tues.	13	3 ·75	7 ·44	16
1	Sun.	14	1 ·90	23 ·43	14	1	Fri.	14	2 ·09	2 ·33	15	2	Wed.	14	4 ·80	8 ·52	17
2	Mon.	15	2 ·88	24 ·44	15	2	Sat.	15	3 ·17	3 ·43	16	3	Thur.	15	5 ·84	9 ·59	18
3	Tues.	16	3 ·89	25 ·45	16	3	Sun.	16	4 ·27	4 ·53	17	4	Fri.	16	6 ·85	10 ·63	19
4	Wed.	17	4 ·90	26 ·49	17	4	Mon.	17	5 ·35	5 ·64	18	5	Sat.	17	7 ·84	11 ·65	20
5	Thur.	18	5 ·95	27 ·55	18	5	Tues.	18	6 ·42	6 ·75	19	6	Sun.	18	8 ·82	12 ·65	21
6	Fri.	19	... ...	1 ·63	19	6	Wed.	19	7 ·49	7 ·84	20	7	Mon.	19	9 ·77	13 ·63	22
7	Sat.	20	6 ·01	2 ·73	20	7	Thur.	20	8 ·55	8 ·91	21	8	Tues.	20	10 ·70	14 ·61	23
8	Sun.	21	7 ·08	3 ·83	21	8	Fri.	21	9 ·58	9 ·96	22	9	Wed.	21	11 ·62	15 ·56	24
9	Mon.	22	8 ·17	4 ·94	22	9	Sat.	22	10 ·61	10 ·99	23	10	Thur.	22	12 ·54	16 ·50	25
10	Tues.	23	9 ·25	... ...	23	10	Sun.	23	11 ·59	... ...	24	11	Fri.	23	13 ·44	17 ·43	26
11	Wed.	24	10 ·33	5 ·04	24	11	Mon.	24	12 ·57	11 ·01	25	12	Sat.	24	14 ·34	18 ·36	27
12	Thur.	25	11 ·39	6 ·14	25	12	Tues.	25	13 ·52	12 ·00 / 13 ·97	26	13	Sun.	25	—**A** ·25	19 ·30	28
13	Fri.	26	12 ·45	7 ·23	26	13	Wed.	26	14 ·46	14 ·93	27	14	Mon.	26	1 ·16	20 ·23	—29
14	Sat.	27	13 ·47	8 ·29	27	14	Thur.	27	—**A** ·38	15 ·88	28	15	Tues.	27	2 ·07 / 3 ·99	21 ·17	1
15	Sun.	28	14 ·49	9 ·33	28	15	Fri.	28	1 ·29	16 ·83	—29	16	Wed.	28	4 ·92	22 ·12	2
16	Mon.	29	—**A** ·48	10 ·35	29	16	Sat.	29	2 ·20	17 ·76	1	17	Thur.	29	5 ·87	23 ·08	3
17	Tues.	30	1 ·44	11 ·35	—30	17	Sun.	30	3 ·10	18 ·68	2	18	Fri.	30	6 ·85	24 ·05	4
18	Wed.	31	2 ·40	12 ·34	1	18	Mon.	31	4 ·00 / 5 ·90	19 ·61	3	19	Sat.	31	7 ·83	25 ·06	5

Virodhakrit. **Karkaṭaka—Ādi.** *Śaka* 1713 *Śrāvaṇa.* *H.* 1205 *Zī-l-ka'da.*
Virodhakrit. **Siṁha—Avaṇi.** *Śaka* 1713 *Bhādrapada.* *H.* 1205 *Zī-l-hijja.*
Virodhakrit. **Tulā—Aippaśi.** *Śaka* 1713 *Āśvina.* *H.* 1206 *Muharram.*
Virodhakrit. **Vṛśchika—Kārttigai.** *Śaka* 1713 *Kārttika.* *H.* 1206 *Śafar.*
Virodhakrit. **Dhanus—Mārgali.** *Śaka* 1713 *Mārgaśīrsha.* *H.* 1206 *Rabī-ul awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1792. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·67.** **Śaka 1714.** **Kaliyuga 4893.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·57.** **(S. Cycle) Paridhāvin.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Jan.			
20	Sun. 1	8 ·84	26 ·07	6
21	Mon. 2	9 ·87	27 ·11	7
22	Tues. 3	10 ·92	1 ·16	8
23	Wed. 4	11 ·99	2 ·23	9
24	Thur. 5	... ...	3 ·33	10
25	Fri. 6	12 ·06	4 ·44	11
26	Sat. 7	13 ·16	5 ·54	12
27	Sun. 8	14 ·25	6 ·65	13
28	Mon. 9	P ·33	7 ·74	14
—29	Tues. 10	1 ·40	8 ·84	15
1	Wed. 11	2 ·46	9 ·90	16
2	Thur. 12	3 ·48	10 ·95	17
3	Fri. 13	4 ·49	11 ·97	18
4	Sat. 14	5 ·49	12 ·98	19
5	Sun. 15	6 ·46	13 ·97	20
6	Mon. 16	7 ·41	14 ·94	21
7	Tues. 17	8 ·34	15 ·89	22
8	Wed. 18	9 ·27	16 ·84	23
9	Thur. 19	10 ·18	17 ·77	24
10	Fri. 20	11 ·08 12 ·98	13 ·70	25
11	Sat. 21	13 ·88	19 ·64	26
12	Sun. 22	14 ·79	20 ·57	27
13	Mon. 23	A ·70	21 ·51	28
14	Tues. 24	1 ·63	22 ·46	29
15	Wed. 25	2 ·56	23 ·41	—30
16	Thur. 26	3 ·51	24 ·39	1
17	Fri. 27	4 ·49	25 ·38	2
18	Sat. 28	5 ·47	26 ·39	3
19	Sun. 29	6 ·48	27 ·42	4
20	Mon. 30	7 ·51	1 ·47	5
21	Tues. 31	8 ·57	2 ·55	6
	Feb.			
22	Wed. 1	9 ·64	3 ·63	7
23	Thur. 2	10 ·72	4 ·73	8
24	Fri. 3	11 ·81	5 ·84	9
25	Sat. 4	12 ·90	6 ·95	10
26	Sun. 5	13 ·98	... ...	11
27	Mon. 6	... ...	7 ·06	12
28	Tues. 7	14 ·04	8 ·14	13
—29	Wed. 8	P ·10	9 ·21	14
1	Thur. 9	1 ·12	10 ·26	15
2	Fri. 10	2 ·14	11 ·29	16
3	Sat. 11	3 ·12	12 ·30	17
4	Sun. 12	4 ·09	13 ·30	18
5	Mon. 13	5 ·03 6 ·97	14 ·27	19
6	Tues. 14	7 ·89	15 ·23	20
7	Wed. 15	8 ·80	16 ·17	21
8	Thur. 16	9 ·71	17 ·11	22
9	Fri. 17	10 ·62	18 ·05 19 ·98	23
10	Sat. 18	11 ·52	20 ·91	24
11	Sun. 19	12 ·42	21 ·84	25
12	Mon. 20	13 ·32	22 ·79	26
13	Tues. 21	14 ·24	23 ·75	27
14	Wed. 22	A ·17	24 ·72	28
15	Thur. 23	1 ·14	25 ·70	—29
16	Fri. 24	2 ·11	26 ·71	1
17	Sat. 25	3 ·10	27 ·73	2
18	Sun. 26	4 ·10	1 ·78	3
19	Mon. 27	5 ·14	2 ·85	4
20	Tues. 28	6 ·19	3 ·94	5
21	Wed. 29	7 ·26	... ...	6

Virodhakṛit. **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.* *H.* 1206 *Jamāda'l awwal.* **Kumbha—Māśi** *Virodhakṛit.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	March.			
22	Thur. 1	8 ·35	4 ·03	7
23	Fri. 2	9 ·44	5 ·14	8
24	Sat. 3	10 ·53	6 ·25	9
25	Sun. 4	11 ·59	7 ·36	10
26	Mon. 5	12 ·65	8 ·45	11
27	Tues. 6	13 ·71	9 ·52	12
28	Wed. 7	14 ·74	10 ·57	13
29	Thur. 8	P ·75	11 ·61	14
—30	Fri. 9	1 ·73	12 ·63	15
1	Sat. 10	2 ·70	13 ·62	16
2	Sun. 11	3 ·64	14 ·60	17
3	Mon. 12	4 ·58	15 ·56	18
4	Tues. 13	5 ·49	16 ·51	19
5	Wed. 14	6 ·40	17 ·46	20
6	Thur. 15	7 ·31	18 ·39	21
7	Fri. 16	8 ·21	19 ·32	22
8	Sat. 17	9 ·11	20 ·25	23
9	Sun. 18	10 ·01 11 ·92	21 ·18	24
10	Mon. 19	12 ·85	22 ·13	25
11	Tues. 20	13 ·78	23 ·08	26
12	Wed. 21	14 ·74	24 ·05	27
13	Thur. 22	A ·70	25 ·03	28
14	Fri. 23	1 ·69	26 ·03	29
15	Sat. 24	2 ·69	27 ·06	—30
16	Sun. 25	3 ·73	1 ·10	1
17	Mon. 26	4 ·78	2 ·16	2
18	Tues. 27	5 ·85	3 ·24	3
19	Wed. 28	6 ·93	4 ·33	4
20	Thur. 29	... ...	5 ·44	5
21	Fri. 30	7 ·02	6 ·55	6
22	Sat. 31	8 ·11	7 ·66	7
	April.			
23	Sun. 1	9 ·18	8 ·75	8
24	Mon. 2	10 ·24	9 ·83	9
25	Tues. 3	11 ·29	10 ·89	10
26	Wed. 4	12 ·32	11 ·93	11
27	Thur. 5	13 ·32	12 ·95	12
28	Fri. 6	14 ·30	13 ·95	13
29	Sat. 7	P ·26	14 ·93	14
30	Sun. 8	1 ·21	15 ·89	15
—31	Mon. 9	2 ·14	16 ·85	16
1	Tues. 10	3 ·06 4 ·97	17 ·79	17
2	Wed. 11	5 ·87	18 ·73	18
3	Thur. 12	6 ·77	19 ·66	19
4	Fri. 13	7 ·67	20 ·58	20
5	Sat. 14	8 ·57	21 ·53	21
6	Sun. 15	9 ·48	22 ·47	22
7	Mon. 16	10 ·40	23 ·41	23
8	Tues. 17	11 ·33	24 ·38	24
9	Wed. 18	12 ·29	25 ·35	25
10	Thur. 19	13 ·25	26 ·36	26
11	Fri. 20	14 ·24	27 ·37	27
12	Sat. 21	A ·24	1 ·41	28
13	Sun. 22	1 ·28	2 ·46	—29
14	Mon. 23	2 ·32	3 ·54	1
15	Tues. 24	3 ·39	4 ·63	2
16	Wed. 25	4 ·48	5 ·75	3
17	Thur. 26	5 ·57	6 ·85	4
18	Fri. 27	6 ·65	7 ·96	5
19	Sat. 28	7 ·71	... ...	6
20	Sun. 29	8 ·77	8 ·05	7
21	Mon. 30	9 ·82	9 ·13	8

Virodhakṛit. **Mīna—Pangu.** *Sukla.* **Phālguna.** *Bahula.* *H.* 1206 *Rajab.* **Mēsha—Chittirai.** *Paridhāvin.* *Sukla.* **Chaitra.** *Bahula.* *H.* 1206 *Sha'bān.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	May.			
22	Tues. 1	10 ·85	10 ·21	9
23	Wed. 2	11 ·85	11 ·25	10
24	Thur. 3	12 ·84	12 ·27	11
25	Fri. 4	13 ·80	13 ·27	12
26	Sat. 5	14 ·74	14 ·26	13
27	Sun. 6	P ·67	15 ·24	14
28	Mon. 7	1 ·58	16 ·19	15
29	Tues. 8	2 ·49	17 ·13	16
—30	Wed. 9	3 ·39	18 ·06 19 ·99	17
1	Thur. 10	4 ·29	20 ·93	18
2	Fri. 11	5 ·19	21 ·86	19
3	Sat. 12	6 ·09	22 ·80	20
4	Sun. 13	7 ·00 8 ·92	23 ·75	21
5	Mon. 14	9 ·85	24 ·71	22
6	Tues. 15	10 ·80	25 ·68	23
7	Wed. 16	11 ·77	26 ·68	24
8	Thur. 17	12 ·75	27 ·69	25
9	Fri. 18	13 ·76	1 ·72	26
10	Sat. 19	14 ·79	2 ·77	27
11	Sun. 20	A ·83	3 ·84	28
12	Mon. 21	1 ·90	4 ·94	29
13	Tues. 22	2 ·98	... ...	—30
14	Wed. 23	... ...	5 ·04	1
15	Thur. 24	3 ·07	6 ·15	2
16	Fri. 25	4 ·15	7 ·25	3
17	Sat. 26	5 ·22	8 ·35	4
18	Sun. 27	6 ·29	9 ·45	5
19	Mon. 28	7 ·38	10 ·52	6
20	Tues. 29	8 ·35	11 ·56	7
21	Wed. 30	9 ·39	12 ·59	8
22	Thur. 31	10 ·34	13 ·60	9
	June.			
23	Fri. 1	11 ·30	14 ·60	10
24	Sat. 2	12 ·25	15 ·57	11
25	Sun. 3	13 ·18	16 ·52	12
26	Mon. 4	14 ·09 P ·99	17 ·47	13
27	Tues. 5	1 ·89	18 ·40	14
28	Wed. 6	2 ·79	19 ·34	15
29	Thur. 7	3 ·69	20 ·27	16
30	Fri. 8	4 ·59	21 ·20	17
31	Sat. 9	5 ·50	22 ·14	18
—32	Sun. 10	6 ·42	23 ·08	19
1	Mon. 11	7 ·34	24 ·04	20
2	Tues. 12	8 ·29	25 ·02	21
3	Wed. 13	9 ·26	26 ·00	22
4	Thur. 14	10 ·24	27 ·01	23
5	Fri. 15	11 ·24	1 ·03	24
6	Sat. 16	12 ·27	2 ·08	25
7	Sun. 17	13 ·32	3 ·16	26
8	Mon. 18	14 ·37	4 ·24	27
9	Tues. 19	A ·45	5 ·34	28
10	Wed. 20	1 ·54	6 ·45	29
11	Thur. 21	2 ·62	7 ·55	1
12	Fri. 22	3 ·69	8 ·66	2
13	Sat. 23	4 ·76	9 ·75	3
14	Sun. 24	5 ·80	10 ·82	4
15	Mon. 25	6 ·83	11 ·88	5
16	Tues. 26	7 ·84	12 ·91	6
17	Wed. 27	8 ·81	13 ·93	7
18	Thur. 28	9 ·77	14 ·92	8
19	Fri. 29	10 ·72	1 ·90	9
20	Sat. 30	11 ·66	16 ·86	10

Paridhāvin. **Vrishabha—Vaigāśi.** *Sukla.* **Vaisākha.** *Bahula.* *H.* 1206 *Ramażān.* **Mithuna—Āni.** *Paridhāvin.* *Sukla.* **Jyeshtha.** *Bahula.* *H.* 1206 *Shawwāl.* **Ashādha.** *Sukla.* *H.* 1206 *Zi-l-ka'da.*

Naksh:—1. Asvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aslesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25 P. Bhad. 26 U. Bhad. 27. Rev.

A.D. 1792. **Kollam 968,** { **N. Malabar—Sep.** **Hijra 1207.** **Vikrama 1849.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **Aug. 19.** **Bengal San. 1198.**
P—Paurnimā. **(N. Cycle) Rudhirodgārin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Sun.	1	12 ·57	17 ·80	11	20	Sat.	1	Bhād. 1 ·83	24 ·04	14	20	Thur.	1	Kārt. 3 ·93	4 ·77	16
22	Mon.	2	13 ·48	18 ·74	12	21	Sun.	2	2 ·78	25 ·00 / 26 ·98	15	21	Fri.	2	... ..	5 ·85	17
23	Tues.	3	Āsh. 14 ·39	19 ·68	13	22	Mon.	3	3 ·73	27 ·98	16	22	Sat.	3	4 ·00	6 ·95	18
24	Wed.	4	P ·28	20 ·61	14	23	Tues.	4	4 ·72	1 ·99	17	23	Sun.	4	5 ·08	... ...	19
25	Thur.	5	1 ·17	21 ·54	15	24	Wed.	5	5 ·72	... ...	18	24	Mon.	5	6 ·17	7 ·05	20
26	Fri.	6	2 ·07 / 3 ·97	22 ·47	16	25	Thur.	6	6 ·74	2 ·02	19	25	Tues.	6	7 ·26	8 ·17	21
27	Sat.	7	4 ·89	23 ·42	17	26	Fri.	7	7 ·78	3 ·08	20	26	Wed.	7	Bahula. 8 ·34	9 ·27	22
28	Sun.	8	5 ·82	24 ·38	18	27	Sat.	8	8 ·85	4 ·15	21	27	Thur.	8	9 ·40	10 ·36	23
29	Mon.	9	6 ·77	25 ·34	19	28	Sun.	9	9 ·92	5 ·24	22	28	Fri.	9	10 ·46	11 ·44	24
30	Tues.	10	7 ·73	26 ·33	20	29	Mon.	10	... ...	6 ·35	23	29	Sat.	10	11 ·50	12 ·49	25
31	Wed.	11	8 ·71	27 ·33	21	30	Tues.	11	10 ·00	7 ·46	24	—30	Sun.	11	12 ·50	13 ·53	26
—32	Thur.	12	9 ·72	1 ·35	22	—31	Wed.	12	11 ·09	8 ·56	25	1	Mon.	12	13 ·49	14 ·55	27
1	Fri.	13	10 ·74	2 ·40	23	1	Thur.	13	12 ·17	9 ·66	26	2	Tues.	13	14 ·46	15 ·55	28
2	Sat.	14	11 ·79	3 ·46	24	2	Fri.	14	13 ·24	10 ·74	27	3	Wed.	14	—A ·42	16 ·52	29
3	Sun.	15	12 ·85	4 ·54	25	3	Sat.	15	14 ·29	11 ·82	28	4	Thur.	15	1 ·35	17 ·48	—30
4	Mon.	16	13 ·93	5 ·64	26	4	Sun.	16	—A ·33	12 ·87	29	5	Fri.	16	2 ·27	18 ·43	1
5	Tues.	17	... ...	6 ·74	27	5	Mon.	17	1 ·34	13 ·89	—30	6	Sat.	17	3 ·18	19 ·38	2
6	Wed.	18	14 ·01	7 ·86	28	6	Tues.	18	2 ·33	14 ·90	1	7	Sun.	18	Sukla. 4 ·09 / 5 ·99	20 ·31	3
7	Thur.	19	—A ·09	8 ·96	29	7	Wed.	19	Sukla. 3 ·29	15 ·88	2	8	Mon.	19	6 ·89	21 ·24	4
8	Fri.	20	1 ·16	... ...	—30	8	Thur.	20	4 ·24	16 ·86	3	9	Tues.	20	7 ·80	22 ·17	5
9	Sat.	21	2 ·23	9 ·05	1	9	Fri.	21	5 ·18	17 ·82	4	10	Wed.	21	8 ·71	23 ·10	6
10	Sun.	22	3 ·28	10 ·13	2	10	Sat.	22	6 ·10	18 ·76	5	11	Thur.	22	9 ·64	24 ·04	7
11	Mon.	23	4 ·31	11 ·19	3	11	Sun.	23	7 ·01 / 8 ·91	19 ·70	6	12	Fri.	23	10 ·57	25 ·01 / 26 ·97	8
12	Tues.	24	5 ·32	12 ·24	4	12	Mon.	24	9 ·81	20 ·63	7	13	Sat.	24	11 ·52	27 ·95	9
13	Wed.	25	6 ·29	13 ·25	5	13	Tues.	25	10 ·71	21 ·57	8	14	Sun.	25	12 ·48	1 ·95	10
14	Thur.	26	7 ·26	14 ·25	6	14	Wed.	26	11 ·61	22 ·50	9	15	Mon.	26	13 ·47	2 ·97	11
15	Fri.	27	8 ·21	15 ·23	7	15	Thur.	27	12 ·51	23 ·43	10	16	Tues.	27	14 ·48	... ...	12
16	Sat.	28	9 ·14	16 ·19	8	16	Fri.	28	13 ·43	24 ·38	11	17	Wed.	28	P ·50	3 ·01	13
17	Sun.	29	10 ·06 / 11 ·97	17 ·14	9	17	Sat.	29	14 ·37	25 ·33	12	18	Thur.	29	1 ·55	4 ·07	14
18	Mon.	30	12 ·87	18 ·09	10	18	Sun.	30	Āśvina. 1 ·32	26 ·31	13	19	Fri.	30	2 ·63	5 ·15	15
19	Tues.	31	18 ·77	19 ·02 / 20 ·95	11												
	Aug.						**Oct.**						**Dec.**				
20	Wed.	1	14 ·67	21 ·88	12	19	Mon.	1	1 ·28	27 ·30	14	20	Sat.	1	3 ·71	6 ·25	16
21	Thur.	2	Śrāvaṇa. P ·57	22 ·81	13	20	Tues.	2	2 ·26	1 ·31	15	21	Sun.	2	·4 ·79	7 ·35	17
22	Fri.	3	1 ·47	23 ·76	14	21	Wed.	3	3 ·26	2 ·34	16	22	Mon.	3	5 ·87	8 ·47	18
23	Sat.	4	2 ·38	24 ·71	15	22	Thur.	4	4 ·29	3 ·38	17	23	Tues.	4	6 ·96	9 ·57	19
24	Sun.	5	3 ·31	25 ·67	16	23	Fri.	5	5 ·33	4 ·45	18	24	Wed.	5	... ...	10 ·66	20
25	Mon.	6	4 ·26	26 ·65	17	24	Sat.	6	6 ·40	5 ·55	19	25	Thur.	6	7 ·04	11 ·74	21
26	Tues.	7	5 ·22	27 ·65	18	25	Sun.	7	Bahula. 7 ·47	6 ·65	20	26	Fri.	7	8 ·09	12 ·80	22
27	Wed.	8	6 ·20	1 ·67	19	26	Mon.	8	8 ·56	7 ·75	21	27	Sat.	8	9 ·13	13 ·85	23
28	Thur.	9	7 ·20	2 ·71	20	27	Tues.	9	9 ·65	8 ·86	22	28	Sun.	9	10 ·14	14 ·87	24
29	Fri.	10	8 ·23	3 ·77	21	28	Wed.	10	10 ·74	9 ·96	23	29	Mon.	10	11 ·12	15 ·87	25
30	Sat.	11	Bahula. 9 ·27	4 ·85	22	29	Thur.	11	11 ·81	... ...	24	—30	Tues.	11	12 ·09	16 ·85	26
—31	Sun.	12	10 ·34	5 ·94	23	—30	Fri.	12	12 ·86	10 ·06	25	1	Wed.	12	13 ·05 / 14 ·98	17 ·82	27
1	Mon.	13	11 ·41	... ...	24	1	Sat.	13	13 ·89	11 ·13	26						
2	Tues.	14	12 ·49	6 ·05	25	2	Sun.	14	14 ·90	12 ·18	27	2	Thur.	13	—A ·90	18 ·77	28
3	Wed.	15	13 ·58	7 ·16	26	3	Mon.	15	—A ·89	13 ·21	28	3	Fri.	14	1 ·81	19 ·72	—29
4	Thur.	16	14 ·66	8 ·26	27	4	Tues.	16	1 ·86	14 ·22	—29	4	Sat.	15	2 ·72	20 ·65	1
5	Fri.	17	—A ·73	9 ·36	28	5	Wed.	17	2 ·82	15 ·22	1	5	Sun.	16	3 ·62	21 ·58	2
6	Sat.	18	1 ·77	10 ·44	—29	6	Thur.	18	3 ·75	16 ·19	2	6	Mon.	17	4 ·52	22 ·51	3
7	Sun.	19	2 ·80	11 ·50	1	7	Fri.	19	4 ·67	17 ·15	3	7	Tues.	18	5 ·43	23 ·44	4
8	Mon.	20	3 ·81	12 ·54	2	8	Sat.	20	5 ·58	18 ·10	4	8	Wed.	19	Sukla. 6 ·34	24 ·39	5
9	Tues.	21	4 ·79	13 ·57	3	9	Sun.	21	Sukla. 6 ·48	19 ·03 / 20 ·97	5	9	Thur.	20	7 ·26	25 ·34	6
10	Wed.	22	5 ·76	14 ·57	4							10	Fri.	21	8 ·20	26 ·30	7
11	Thur.	23	6 ·71	15 ·56	5	10	Mon.	22	7 ·38	21 ·90	6	11	Sat.	22	9 ·16	27 ·28	8
12	Fri.	24	7 ·65	16 ·52	6	11	Tues.	23	8 ·28	22 ·83	7	12	Sun.	23	10 ·13	1 ·27	9
13	Sat.	25	8 ·56	17 ·48	7	12	Wed.	24	9 ·19	23 ·77	8	13	Mon.	24	11 ·12	2 ·29	10
14	Sun.	26	9 ·47	18 ·42	8	13	Thur.	25	10 ·10	24 ·71	9	14	Tues.	25	12 ·13	3 ·38	11
15	Mon.	27	10 ·37	19 ·66	9	14	Fri.	26	Kārttika. 11 ·02 / 12 ·95	25 ·66	10	15	Wed.	26	13 ·15	4 ·38	12
16	Tues.	28	11 ·27	20 ·29	10	15	Sat.	27	13 ·90	26 ·64	11	16	Thur.	27	14 ·21	5 ·45	13
17	Wed.	29	12 ·17	21 ·22	11	16	Sun.	28	14 ·87	27 ·62	12	17	Fri.	28	P ·28	6 ·55	14
18	Thur.	30	13 ·07 / 14 ·98	22 ·16	12	17	Mon.	29	P ·85	1 ·63	13	18	Sat.	29	1 ·36	7 ·66	15
19	Fri.	31	P ·90	23 ·10	13	18	Tues.	30	1 ·86	2 ·65	14	19	Sun.	30	2 ·45	8 ·76	16
						19	Wed.	31	2 ·88	3 ·69	15	20	Mon.	31	3 ·54	9 ·87	17

Paridhāvin. **Karkaṭaka—Ādi.** *Sukla.* *Bahula.* *H.* 1206 *Zi-l-ka'da.* *Paridhāvin.* **Kanyā—Purattāśi.** *Sukla.* *Bahula.* *H.* 1206 *Zi-l-hijja.* *Paridhāvin.* **Siṁha—Āvaṇi.** *Bhādrapada.* *Sukla.* *Bahula.* *H.* 1207 *Muharram.* *Paridhāvin.* **Tulā—Aippaśi.** *Kārttika.* *Sukla.* *Bahula.* *H.* 1207 *Śafar.* *Paridhāvin.* **Dhanus—Mārgaḷi.** *Sukla.* *Bahula.* *H.* 1207 *Rabī-ul awwal.* *H.* 1207 *Rabī-ul ākhir.* *H.* 1207 *Jamāda'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1793. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 9·93.** **Śaka 1715.** **Kaliyuga 4894.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·83.** **(S. Cycle) Pramādin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Tues.	1	4 ·62	10 ·97	18	21	Fri.	1	3 ·04	14 ·83	18	22	Wed.	1	6 ·80	20 ·35	20
22	Wed.	2	5 ·69	... ...	19	22	Sat.	2	4 ·04	15 ·84	19	23	Thur.	2	7 ·70	21 ·28	21
23	Thur.	3	6 ·74	11 ·05	20	23	Sun.	3	5 ·03	16 ·84	20	24	Fri.	3	8 ·60	22 ·21	22
24	Fri.	4	7 ·77	12 ·12	21				6 ·99			25	Sat.	4	9 ·50	23 ·14	23
25	Sat.	5	8 ·78	13 ·17	22	24	Mon.	4	7 ·94	17 ·82	21	26	Sun.	5	10 ·40	24 ·07	24
26	Sun.	6	9 ·77	14 ·19	23	25	Tues.	5	8 ·86	18 ·78	22	27	Mon.	6	11 ·31	25 ·02	25
27	Mon.	7	10 ·74	15 ·20	24	26	Wed.	6	9 ·78	19 ·73	23					26 ·97	
28	Tues.	8	11 ·69	16 ·18	25	27	Thur.	7	10 ·70	20 ·67	24	28	Tues.	7	12 ·23	27 ·93	26
—29	Wed.	9	12 ·63	17 ·15	26	28	Fri.	8	11 ·61	21 ·61	25	29	Wed.	8	13 ·16	1 ·90	27
1	Thur.	10	13 ·55	18 ·11	27	—29	Sat.	9	12 ·51	22 ·54	26	30	Thur.	9	14 ·12	2 ·89	28
2	Fri.	11	14 ·46	19 ·06	28	1	Sun.	10	13 ·41	23 ·47	27	—31	Fri.	10	—A ·08	3 ·91	29
				20 ·99		2	Mon.	11	14 ·31	24 ·40	28	1	Sat.	11	1 ·07	4 ·94	—30
3	Sat.	12	—A ·37	21 ·92	29	3	Tues. ●	12	—A ·21	25 ·34	29	2	Sun.	12	2 ·08	5 ·99	1
4	Sun.	13	1 ·27	22 ·85	—30	4	Wed.	13	1 ·13	26 ·30	—30	3	Mon.	13	3 ·11	... ...	2
5	Mon.	14	2 ·17	23 ·79	1	5	Thur.	14	2 ·07	27 ·27	1	4	Tues.	14	4 ·16	6 ·06	3
6	Tues.	15	3 ·08	24 ·72	2	6	Fri.	15	3 ·02	1 ·25	2	5	Wed.	15	5 ·23	7 ·15	4
			4 ·99						4 ·00			6	Thur.	16	6 ·31	8 ·26	5
7	Wed.	16	5 ·91	25 ·67	3	7	Sat.	16	5 ·98	2 ·25	3	7	Fri.	17	7 ·39	9 ·37	6
8	Thur.	17	6 ·84	26 ·63	4	8	Sun.	17	... ...	3 ·27	4	8	Sat.	18	8 ·48	10 ·47	7
9	Fri.	18	7 ·80	27 ·60	5	9	Mon.	18	6 ·00	4 ·31	5	9	Sun.	19	9 ·55	11 ·57	8
10	Sat.	19	8 ·77	1 ·60	6	10	Tues.	19	7 ·04	5 ·38	6	10	Mon.	20	10 ·60	12 ·66	9
11	Sun.	20	9 ·76	2 ·61	7	11	Wed.	20	8 ·09	6 ·46	7	11	Tues.	21	11 ·65	13 ·74	10
12	Mon.	21	10 ·77	3 ·64	8	12	Thur.	21	9 ·17	7 ·55	8	12	Wed.	22	12 ·67	14 ·78	11
13	Tues.	22	11 ·80	4 ·69	9	13	Fri.	22	10 ·25	8 ·66	9	13	Thur.	23	13 ·67	15 ·81	12
14	Wed.	23	12 ·87	5 ·76	10	14	Sat.	23	11 ·34	9 ·76	10	14	Fri.	24	14 ·65	16 ·82	13
15	Thur.	24	13 ·94	6 ·86	11	15	Sun.	24	12 ·42	10 ·88	11	15	Sat.	25	P ·62	17 ·81	14
16	Fri.	25	... ...	7 ·96	12	16	Mon.	25	13 ·50	11 ·97	12	16	Sun.	26	1 ·56	18 ·78	15
17	Sat.	26	14 ·01	... ...	13	17	Tues.	26	14 ·55	... ...	13	17	Mon.	27	2 ·49	19 ·74	16
18	Sun.	27	P ·10	8 ·06	14	18	Wed.	27	P ·60	12 ·05	14	18	Tues.	28	3 ·40	20 ·69	17
19	Mon.	28	1 ·20	9 ·17	15	19	Thur.	28	1 ·63	13 ·11	15	19	Wed.	29	4 ·30	21 ·62	18
20	Tues.	29	2 ·27	10 ·27	16	20	Fri.	29	2 ·62	14 ·15	16	20	Thur.	30	5 ·20	22 ·55	19
21	Wed.	30	3 ·34	11 ·35	17	21	Sat.	30	3 ·60	15 ·17	17	21	Fri.	31	6 ·10	23 ·48	20
22	Thur.	31	4 ·39	12 ·43	18	22	Sun.	31	4 ·56	16 ·17	18						
	Feb.						**April.**						**June.**				
23	Fri.	1	5 ·42	13 ·48	19	23	Mon.	1	5 ·51	17 ·15	19	22	Sat.	1	7 ·00	24 ·42	21
24	Sat.	2	6 ·42	14 ·51	20	24	Tues.	2	6 ·44	18 ·11	20				8 ·90		
25	Sun.	3	7 ·40	15 ·52	21	25	Wed.	3	7 ·36	19 ·06	21	23	Sun.	2	9 ·81	25 ·36	22
26	Mon.	4	8 ·38	16 ·51	22	26	Thur.	4	8 ·27	20 ·01	22	24	Mon.	3	10 ·73	26 ·30	23
27	Tues.	5	9 ·32	17 ·49	23					21 ·95		25	Tues.	4	11 ·66	27 ·26	24
28	Wed.	6	10 ·25	18 ·45	24	27	Fri.	5	9 ·16	22 ·88	23	26	Wed.	5	12 ·61	1 ·23	25
29	Thur.	7	11 ·17	19 ·39	25	28	Sat.	6	10 ·06	23 ·80	24	27	Thur.	6	13 ·58	2 ·22	26
									11 ·96			28	Fri.	7	14 ·57	3 ·23	27
—30	Fri.	8	12 ·09	20 ·33	26	29	Sun.	7	12 ·87	24 ·74	25	29	Sat.	8	—A ·57	4 ·25	28
			13 ·99			30	Mon.	8	13 ·78	25 ·68	26	30	Sun.	9	1 ·60	5 ·30	—29
1	Sat.	9	14 ·89	21 ·26	27	—31	Tues.	9	14 ·70	26 ·63	27	—31	Mon.	10	2 ·65	6 ·37	1
2	Sun.	10	—A ·79	22 ·20	28	1	Wed.	10	—A ·63	27 ·60	28	1	Tues.	11	3 ·70	7 ·46	2
3	Mon.	11	1 ·69	23 ·13	—29	2	Thur.	11	1 ·58	1 ·57	—29	2	Wed.	12	4 ·79	8 ·56	3
4	Tues.	12	2 ·61	24 ·06	1	3	Fri.	12	2 ·56	2 ·57	1	3	Thur.	13	5 ·87	9 ·67	4
				25 ·01		4	Sat.	13	3 ·55	3 ·58	2	4	Fri.	14	6 ·95	10 ·77	5
5	Wed.	13	3 ·53	26 ·96	2	5	Sun.	14	4 ·56	4 ·63	3	5	Sat.	15	... ...	11 ·87	6
6	Thur.	14	4 ·47	27 ·94	3	6	Mon.	15	5 ·59	5 ·69	4	6	Sun.	16	7 ·02	12 ·97	7
7	Fri.	15	5 ·42	1 ·92	4	7	Tues.	16	6 ·65	6 ·76	5	7	Mon.	17	8 ·09	... ...	8
8	Sat.	16	6 ·40	2 ·93	5	8	Wed.	17	7 ·72	7 ·85	6	8	Tues.	18	9 ·14	13 ·04	9
9	Sun.	17	7 ·39	3 ·95	6	9	Thur.	18	8 ·81	8 ·95	7	9	Wed.	19	10 ·16	14 ·10	10
10	Mon.	18	8 ·40	... ...	7	10	Fri.	19	9 ·89	... ...	8	10	Thur.	20	11 ·16	15 ·13	11
11	Tues.	19	9 ·44	4 ·00	8	11	Sat.	20	10 ·97	9 ·07	9	11	Fri.	21	12 ·14	16 ·14	12
12	Wed.	20	10 ·49	5 ·07	9	12	Sun.	21	... ...	10 ·18	10	12	Sat.	22	13 ·10	17 ·13	13
13	Thur.	21	11 ·56	6 ·16	10	13	Mon.	22	11 ·03	11 ·27	11				14 ·04		
14	Fri.	22	12 ·64	7 ·25	11	14	Tues.	23	12 ·09	12 ·35	12	13	Sun.	23	P ·97	18 ·12	14
15	Sat.	23	13 ·74	8 ·36	12	15	Wed.	24	13 ·14	13 ·42	13	14	Mon.	24	1 ·89	19 ·08	15
16	Sun.	24	14 ·82	9 ·47	13	16	Thur.	25	14 ·16	14 ·47	14	15	Tues.	25	2 ·80	20 ·02	16
17	Mon. ○	25	P ·89	10 ·57	14	17	Fri.	26	P ·17	15 ·49	15					21 ·96	
18	Tues.	26	1 ·96	11 ·67	15	18	Sat.	27	1 ·15	16 ·49	16	16	Wed.	26	3 ·70	22 ·89	17
19	Wed.	27	... ..	12 ·74	16	19	Sun.	28	2 ·11	17 ·48	17	17	Thur.	27	4 ·59	23 ·83	18
20	Thur.	28	2 ·00	13 ·80	17	20	Mon.	29	3 ·06	18 ·45	18	18	Fri.	28	5 ·49	24 ·76	19
									4 ·98			19	Sat.	29	6 ·39	25 ·69	20
						21	Tues.	30	5 ·89	19 ·41	19	20	Sun.	30	7 ·30	26 ·64	21

Paridhāvin. **Makara—Tai.** *Sukla.* **Pausha.** *Bahula.* *H.* 1207 *Jamāda'l awwal.* *H.* 1207 *Rajab.* *H.* 1207 *Ramazān.* *H.* 1207 *Shawwal.*

Kumbha—Māsi. *Sukla.* **Māgha.** *Bahula.* *H.* 1207 *Jamāda'l ākhir.* *H.* 1207 *Shā'bān.* *H.* 1207 *Zi-l-ka'da.*

Pramādin. **Mīna—Pānguni.** *Sukla.* **Chaitra.** *Bahula.* **Vrishabha—Vaigāsi.** *Sukla.* **Nija Vaiśākha.** *Bahula.*

Mēsha—Chittirai. *Sukla.* **Adhika Vaiśākha.** *Sukla.* **Mithuna—Āni.** *Sukla.* **Jyeshṭha.** *Bahula.* *H.* 1207 *Ramazān.* *H.* 1207 *Shawwal.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1793. **Kollam 969,** { **N. Malabar—Sep.** / **S. Malabar—Aug.** **Hijra 1208.** **Vikrama 1850.**
A—Amāvāsyā. Commences Commences Aug. 9. **Bengal San. 1199.**
P—Paurnimā. **(N. Cycle) Raktāksha.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
21	Mon. 1	8 ·22	27 ·59	22
22	Tues. 2	9 ·15	1 ·56	23
23	Wed. 3	10 ·09	2 ·55	24
24	Thur. 4	11 ·05	3 ·55	25
25	Fri. 5	12 ·04	4 ·57	26
26	Sat. 6	13 ·05	5 ·61	27
27	Sun. 7	14 ·07	6 ·68	28
28	Mon. 8	—A ·12	7 ·76	29
29	Tues. 9	1 ·19	8 ·86	—30
30	Wed. 10	2 ·26	9 ·96	1
31	Thur. 11	3 ·35	... ...	2
—32	Fri. 12	4 ·43	10 ·07	3
1	Sat. 13	5 ·50	11 ·17	4
2	Sun. 14	6 ·56	12 ·28	5
3	Mon. 15	7 ·61	13 ·35	6
4	Tues. 16	8 ·64	14 ·41	7
5	Wed. 17	9 ·64	15 ·45	8
6	Thur. 18	10 ·62	16 ·46	9
7	Fri. 19	11 ·58	17 ·47	10
8	Sat. 20	12 ·52	18 ·45	11
9	Sun. 21	13 ·45	19 ·41	12
10	Mon. 22	14 ·37	20 ·36	13
11	Tues. 23	P ·28	21 ·30	14
12	Wed. 24	1 ·18	22 ·24	15
13	Thur. 25	2 ·08	23 ·17	16
		3 ·98		
14	Fri. 26	4 ·88	24 ·10	17
15	Sat. 27	5 ·79	25 ·03 / 26 ·97	18
16	Sun. 28	6 ·70	27 ·93	19
17	Mon. 29	7 ·63	1 ·89	20
18	Tues. 30	8 ·57	2 ·87	21
19	Wed. 31	9 ·54	3 ·87	22
	Aug.			
20	Thur. 1	10 ·52	4 ·88	23
21	Fri. 2	11 ·53	5 ·93	24
22	Sat. 3	12 ·55	6 ·99	25
23	Sun. 4	13 ·59	... ...	26
24	Mon. 5	14 ·66	7 ·07	27
25	Tues. 6	—A ·74	8 ·16	28
26	Wed. 7	1 ·83	9 ·26	29
27	Thur. 8	2 ·91	10 ·36	—30
28	Fri. 9	3 ·98	11 ·48	1
29	Sat. 10	... ...	12 ·58	2
30	Sun. 11	4 ·04	13 ·66	3
—31	Mon. 12	5 ·09	14 ·72	4
1	Tues. 13	6 ·12	15 ·76	5
2	Wed. 14	7 ·12	16 ·79	6
3	Thur. 15	8 ·11	17 ·79	7
4	Fri. 16	9 ·07	18 ·77	8
5	Sat. 17	10 ·03 / 11 ·96	19 ·74	9
6	Sun. 18	12 ·87	20 ·69	10
7	Mon. 19	13 ·78	21 ·64	11
8	Tues. 20	14 ·68	22 ·58	12
9	Wed. ○ 21	P ·58	23 ·51	13
10	Thur. 22	1 ·48	24 ·44	14
11	Fri. 23	2 ·38	25 ·37	15
12	Sat. 24	3 ·29	26 ·32	16
13	Sun. 25	4 ·21	27 ·26	17
14	Mon. 26	5 ·14	1 ·22	18
15	Tues. 27	6 ·08	2 ·20	19
16	Wed. 28	7 ·04	3 ·19	20
17	Thur. 29	8 ·02	4 ·20	21
18	Fri. 30	9 ·04	5 ·24	22
19	Sat. 31	10 ·06	6 ·30	23

Pramādin. **Karkataka—Ādi.** *Bahula.* **Āshādha.** *Sukla.* **Śrāvaṇa.** *Bahula.* *H.* 1207 *Zi-l-hijja.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
20	Sun. 1	11 ·11	7 ·37	24
21	Mon. 2	12 ·17	8 ·46	25
22	Tues. 3	13 ·24	9 ·56	26
23	Wed. 4	14 ·33	10 ·68	27
24	Thur. ● 5	—A ·41	11 ·78	28
25	Fri. 6	1 ·48	12 ·88	29
26	Sat. 7	2 ·55	13 ·96	—30
27	Sun. 8	3 ·61	... ...	1
28	Mon. 9	4 ·63	14 ·03	2
29	Tues. 10	5 ·65	15 ·09	3
30	Wed. 11	6 ·68	16 ·11	4
—31	Thur. 12	7 ·60	17 ·12	5
1	Fri. 13	8 ·55	18 ·10	6
2	Sat. 14	9 ·48	19 ·07	7
3	Sun. 15	10 ·40	20 ·04 / 21 ·98	8
4	Mon. 16	11 ·31	22 ·92	9
5	Tues. 17	12 ·21	23 ·85	10
6	Wed. 18	13 ·11	24 ·77	11
7	Thur. 19	14 ·01 / P ·91	25 ·72	12
8	Fri. 20	1 ·82	26 ·65	13
9	Sat. 21	2 ·74	27 ·60	14
10	Sun. 22	3 ·67	1 ·55	15
11	Mon. 23	4 ·61	2 ·52	16
12	Tues. 24	5 ·58	3 ·51	17
13	Wed. 25	6 ·56	4 ·53	18
14	Thur. 26	7 ·58	5 ·56	19
15	Fri. 27	8 ·60	6 ·61	20
16	Sat. 28	9 ·65	7 ·67	21
17	Sun. 29	10 ·71	8 ·76	22
18	Mon. 30	11 ·79	9 ·87	23
	Oct.			
19	Tues. 1	12 ·87	10 ·97	24
20	Wed. 2	13 ·96	... ...	25
21	Thur. 3	... ...	11 ·08	26
22	Fri. 4	14 ·03	12 ·18	27
23	Sat. 5	—A ·10	13 ·27	28
24	Sun. 6	1 ·16	14 ·35	—29
25	Mon. 7	2 ·18	15 ·40	1
26	Tues. 8	3 ·20	16 ·43	2
27	Wed. 9	4 ·18	17 ·44	3
28	Thur. 10	5 ·16	18 ·43	4
29	Fri. 11	6 ·11	19 ·41	5
30	Sat. 12	7 ·04 / 8 ·96	20 ·37	6
—31	Sun. 13	9 ·87	21 ·32	7
1	Mon. 14	10 ·78	22 ·25	8
2	Tues. 15	11 ·68	23 ·19	9
3	Wed. 16	12 ·58	24 ·11	10
4	Thur. 17	13 ·48	25 ·05 / 26 ·99	11
5	Fri. 18	14 ·39	27 ·93	12
6	Sat. 19	P ·31	1 ·88	13
7	Sun. 20	1 ·24	2 ·85	14
8	Mon. 21	2 ·19	3 ·84	15
9	Tues. 22	3 ·16	4 ·85	16
10	Wed. 23	4 ·15	5 ·87	17
11	Thur. 24	5 ·16	6 ·91	18
12	Fri. 25	6 ·18	7 ·98	19
13	Sat. 26	7 ·23	... ...	20
14	Sun. 27	8 ·29	8 ·07	21
15	Mon. 28	9 ·37	9 ·17	22
16	Tues. 29	10 ·46	10 ·27	23
17	Wed. 30	11 ·56	11 ·38	24
18	Thur. 31	12 ·64	12 ·48	25

Pramādin. **Kanyā—Purattāśi.** *Bahula.* **Āśvina.** *Sukla.* **Tulā—Aippaśi.** *Bahula.* *H.* 1208 *Muharram.* *H.* 1208 *Śafar.* *H.* 1208 *Rabi-ul awwal.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
19	Fri. 1	13 ·71	13 ·58	26
20	Sat. 2	14 ·75	14 ·66	27
21	Sun. 3	—A ·78	15 ·71	28
22	Mon. 4	1 ·80	16 ·75	29
23	Tues. 5	2 ·78	17 ·76	—30
24	Wed. 6	3 ·75	18 ·76	1
25	Thur. 7	4 ·70	19 ·74	2
26	Fri. 8	5 ·64	20 ·70	3
27	Sat. 9	6 ·56	21 ·65	4
28	Sun. 10	7 ·47	22 ·59	5
29	Mon. 11	8 ·37	23 ·52	6
—30	Tues. 12	9 ·27	24 ·46	7
1	Wed. 13	10 ·17	25 ·39	8
2	Thur. 14	11 ·08	26 ·32	9
3	Fri. 15	12 ·00 / 13 ·92	27 ·26	10
4	Sat. 16	14 ·86	1 ·22	11
5	Sun. 17	P ·80	2 ·19	12
6	Mon. 18	1 ·77	3 ·17	13
7	Tues. 19	2 ·76	4 ·17	14
8	Wed. 20	3 ·77	5 ·19	15
9	Thur. 21	4 ·81	6 ·22	16
10	Fri. 22	5 ·86	7 ·29	17
11	Sat. 23	6 ·93	8 ·37	18
12	Sun. 24	... ...	9 ·47	19
13	Mon. 25	7 ·00	10 ·57	20
14	Tues. 26	8 ·09	11 ·68	21
15	Wed. 27	9 ·18	12 ·72	22
16	Thur. 28	10 ·26	13 ·88	23
17	Fri. 29	11 ·33	14 ·96	24
18	Sat. 30	12 ·39	... ...	25
	Dec.			
19	Sun. 1	13 ·42	15 ·02	26
20	Mon. 2	14 ·42	16 ·06	27
21	Tues. 3	—A ·41	17 ·08	28
22	Wed. 4	1 ·38	18 ·09	—29
23	Thur. 5	2 ·32	19 ·07	1
24	Fri. 6	3 ·26	20 ·04 / 21 ·99	2
25	Sat. 7	4 ·18	22 ·93	3
26	Sun. 8	5 ·09	23 ·87	4
27	Mon. 9	6 ·00 / 7 ·90	24 ·80	5
28	Tues. 10	8 ·80	25 ·73	6
29	Wed. 11	9 ·70	26 ·66	7
1	Thur. 12	10 ·61	27 ·60	8
2	Fri. 13	11 ·54	1 ·56	9
3	Sat. 14	12 ·48	2 ·52	10
4	Sun. 15	13 ·43	3 ·49	11
5	Mon. 16	14 ·41	4 ·49	12
6	Tues. 17	P ·40	5 ·50	13
7	Wed. 18	1 ·41	6 ·55	14
8	Thur. 19	2 ·45	7 ·60	15
9	Fri. 20	3 ·50	8 ·68	16
10	Sat. 21	4 ·57	9 ·77	17
11	Sun. 22	5 ·65	10 ·87	18
12	Mon. 23	6 ·74	11 ·97	19
13	Tues. 24	7 ·83	... ...	20
14	Wed. 25	8 ·92	12 ·09	21
15	Thur. 26	9 ·98	13 ·19	22
16	Fri. 27	... ...	14 ·27	23
17	Sat. 28	10 ·03	15 ·33	24
18	Sun. 29	11 ·06	16 ·38	25
19	Mon. 30	12 ·07	17 ·41	26
20	Tues. 31	13 ·06	18 ·42	27

Pramādin. **Vriśchika—Kārttigai.** *Sukla.* **Kārttika.** *Bahula.* **Dhanus—Mārgaḷi.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H.* 1208 *Jamād'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Śatab.

A.D. 1794. **Mēsha Saṅkrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·19.** **Śaka 1716.** **Kaliyuga 4895.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·09.** **(S. Cycle) Ānanda.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Wed.	1	14 ·02 / **A** ·97	19 ·40	28	21	Sat.	1	—**A** ·89	24 ·82	28	22	Thur.	1	2 ·48	3 ·15	—30
22	Thur.	2	1 ·90	20 ·37	29	22	Sun.	2	1 ·79	25 ·76	29	23	Fri.	2	3 ·43	4 ·12	1
23	Fri.	3	2 ·82	21 ·32	—30	23	Mon.	3	2 ·69	26 ·69	—30	24	Sat.	3	4 ·40	5 ·11	2
24	Sat.	4	3 ·74	22 ·26	1	24	Tues.	4	3 ·59	27 ·62	1	25	Sun.	4	5 ·39	6 ·12	3
25	Sun.	5	4 ·64	23 ·21	2	25	Wed.	5	4 ·50	1 ·56	2	26	Mon.	5	6 ·40	7 ·16	4
26	Mon.	6	5 ·54	24 ·14	3	26	Thur.	6	5 ·43	2 ·51	3	27	Tues.	6	7 ·43	8 ·21	5
27	Tues.	7	6 ·44	25 ·07	4	27	Fri.	7	6 ·37	3 ·48	4	28	Wed.	7	8 ·49	9 ·28	6
				26 ·00		28	Sat.	8	7 ·33	4 ·47	5	29	Thur.	8	9 ·56	10 ·37	7
28	Wed.	8	7 ·35	27 ·95	5	29	Sun.	9	8 ·30	5 ·47	6	30	Fri.	9	10 ·64	11 ·47	8
—29	Thur.	9	8 ·27	1 ·89	6	—30	Mon.	10	9 ·29	6 ·49	7	—31	Sat.	10	11 ·72	12 ·59	9
1	Fri.	10	9 ·20	2 ·85	7	1	Tues.	11	10 ·30	7 ·53	8	1	Sun.	11	12 ·80	13 ·70	10
2	Sat.	11	10 ·13	3 ·82	8	2	Wed.	12	11 ·34	8 ·59	9	2	Mon.	12	13 ·87	14 ·79	11
3	Sun.	12	11 ·08	4 ·81	9	3	Thur.	13	12 ·40	9 ·68	10	3	Tues.	13	14 ·94	15 ·88	12
4	Mon.	13	12 ·06	5 ·83	10	4	Fri.	14	13 ·47	10 ·77	11	4	Wed.	14	**P** ·98	16 ·95	13
5	Tues.	14	13 ·04	6 ·86	11	5	Sat.	15	14 ·55	11 ·88	12	5	Thur.	15	1 ·99	17 ·99	14
6	Wed.	15	14 ·06	7 ·90	12	6	Sun.	16	**P** ·64	12 ·98	13	6	Fri.	16	2 ·99	... ...	15
7	Thur.	16	**P** ·10	8 ·98	13	7	Mon.	17	1 ·73	... ...	14	7	Sat.	17	3 ·98	18 ·03	16
8	Fri.	17	1 ·15	... ...	14	8	Tues.	18	2 ·80	13 ·09	15	8	Sun.	18	4 ·94	19 ·04	17
9	Sat.	18	2 ·22	9 ·07	15	9	Wed.	19	3 ·86	14 ·19	16	9	Mon.	19	5 ·88	20 ·03	18
10	Sun.	19	3 ·31	10 ·17	16	10	Thur.	20	4 ·91	15 ·27	17					21 ·00	
11	Mon.	20	4 ·40	11 ·28	17	11	Fri.	21	5 ·93	16 ·33	18	10	Tues.	20	6 ·80	22 ·95	19
12	Tues.	21	5 ·49	12 ·39	18	12	Sat.	22	6 ·93	17 ·37	19	11	Wed.	21	7 ·71	23 ·90	20
13	Wed.	22	6 ·57	13 ·49	19	13	Sun.	23	7 ·91	18 ·38	20	12	Thur.	22	8 ·62	24 ·84	21
14	Thur.	23	7 ·64	14 ·57	20	14	Mon.	24	8 ·87	19 ·38	21	13	Fri.	23	9 ·52	25 ·77	22
15	Fri.	24	8 ·68	15 ·64	21	15	Tues.	25	9 ·82	20 ·37	22	14	Sat.	24	10 ·42	26 ·70	23
16	Sat.	25	9 ·70	16 ·70	22	16	Wed.	26	10 ·75	21 ·33	23	15	Sun.	25	11 ·32	27 ·63	24
17	Sun.	26	10 ·71	17 ·73	23	17	Thur.	27	11 ·66	22 ·28	24	16	Mon.	26	12 ·22	1 ·58	25
18	Mon.	27	11 ·70	18 ·74	24	18	Fri.	28	12 ·56	23 ·22	25	17	Tues.	27	13 ·13	2 ·52	26
19	Tues.	28	12 ·66	19 ·74	25	19	Sat.	29	13 ·46	24 ·16	26	18	Wed.	28	14 ·05 / **A** ·98	3 ·48	27
20	Wed.	29	13 ·61	20 ·70	26	20	Sun.	30	14 ·36	25 ·09	27						
21	Thur.	30	14 ·54	21 ·67	27	21	Mon.	31	—**A** ·26	26 ·02 / 27 ·96	28	19	Thur.	29	1 ·93	4 ·45	28
22	Fri.	31	—**A** ·46	22 ·61	28							20	Fri.	30	2 ·90	5 ·43	—29
												21	Sat.	31	3 ·88	6 ·45	1
	Feb.						**April.**						**June.**				
23	Sat.	1	1 ·37	23 ·55	—29	22	Tues.	1	1 ·17	1 ·89	—29	22	Sun.	1	4 ·90	7 ·47	2
24	Sun.	2	2 ·27	24 ·48	1	23	Wed.	2	2 ·09	2 ·84	1	23	Mon.	2	5 ·93	8 ·52	3
25	Mon.	3	3 ·17	25 ·41	2	24	Thur.	3	3 ·01 / 4 ·95	3 ·82	2	24	Tues.	3	6 ·98	9 ·59	4
26	Tues.	4	4 ·07 / 5 ·98	26 ·35	3	25	Fri.	4	5 ·90	4 ·79	3	25	Wed.	4	... ...	10 ·67	5
27	Wed.	5	6 ·89	27 ·28	4	26	Sat.	5	6 ·87	5 ·79	4	26	Thur.	5	7 ·05	11 ·77	6
28	Thur.	6	7 ·82	1 ·23	5	27	Sun.	6	7 ·86	6 ·80	5	27	Fri.	6	8 ·13	12 ·89	7
29	Fri.	7	8 ·76	2 ·18	6	28	Mon.	7	8 ·88	7 ·84	6	28	Sat.	7	9 ·22	13 ·99	8
—30	Sat.	8	9 ·72	3 ·15	7	29	Tues.	8	9 ·92	8 ·91	7	29	Sun.	8	10 ·30	... ...	9
1	Sun.	9	10 ·69	4 ·13	8	—30	Wed.	9	10 ·97	9 ·98	8	30	Mon.	9	11 ·37	14 ·09	10
2	Mon.	10	11 ·67	5 ·15	9	1	Thur.	10	... ...	... ...	9	—31	Tues.	10	12 ·42	15 ·18	11
3	Tues.	11	12 ·69	6 ·17	10	2	Fri.	11	11 ·04	10 ·07	10	1	Wed.	11	13 ·46	16 ·26	12
4	Wed.	12	13 ·73	7 ·22	11	3	Sat.	12	12 ·11	11 ·17	11	2	Thur.	12	14 ·48	17 ·32	13
5	Thur.	13	14 ·79	8 ·28	12	4	Sun.	13	13 ·20	12 ·28	12	3	Fri.	13	**P** ·48	18 ·35	14
6	Fri. ○	14	**P** ·86	9 ·37	13	5	Mon.	14	14 ·29	13 ·40	13	4	Sat.	14	1 ·47	19 ·36	15
7	Sat.	15	1 ·94	10 ·47	14	6	Tues.	15	**P** ·36	14 ·49	14	5	Sun.	15	2 ·43	20 ·35	16
8	Sun.	16	... ...	11 ·58	15	7	Wed.	16	1 ·42	15 ·57	15	6	Mon.	16	3 ·37	21 ·33	17
9	Mon.	17	2 ·03	12 ·69	16	8	Thur.	17	2 ·46	16 ·64	16	7	Tues.	17	4 ·30	22 ·30	18
10	Tues.	18	3 ·12	13 ·79	17	9	Fri.	18	3 ·48	17 ·68	17	8	Wed.	18	5 ·21	23 ·24	19
11	Wed.	19	4 ·20	14 ·88	18	10	Sat.	19	4 ·48	18 ·71	18	9	Thur.	19	6 ·11	24 ·18	20
12	Thur.	20	5 ·26	15 ·95	19	11	Sun.	20	5 ·46	19 ·71	19	10	Fri.	20	7 ·01 / 8 ·91	25 ·11	21
13	Fri.	21	6 ·31	.. ...	20	12	Mon.	21	6 ·42	20 ·70	20						
14	Sat.	22	7 ·33	16 ·02	21	13	Tues.	22	7 ·36	21 ·66	21	11	Sat.	21	9 ·81	26 ·04 / 27 ·98	22
15	Sun.	23	8 ·34	17 ·05	22	14	Wed.	23	8 ·29	22 ·62	22	12	Sun.	22	10 ·71	1 ·91	23
16	Mon.	24	9 ·32	18 ·06	23	15	Thur.	24	9 ·20	23 ·56	23	13	Mon.	23	11 ·62	2 ·85	24
17	Tues.	25	10 ·28	19 ·05	24	16	Fri.	25	10 ·11	24 ·50	24	14	Tues.	24	12 ·53	3 ·81	25
18	Wed.	26	11 ·22	20 ·04	25				11 ·01 / 12 ·91	25 ·43	25	15	Wed.	25	13 ·46	4 ·77	26
				21 ·00		17	Sat.	26				16	Thur.	26	14 ·41	5 ·77	27
19	Thur.	27	12 ·15	22 ·95	26	18	Sun.	27	13 ·81	26 ·36	26	17	Fri.	27	—**A** ·88	6 ·77	28
20	Fri.	28	13 ·07 / 14 ·98	23 ·89	27	19	Mon.	28	14 ·71	27 ·29	27	18	Sat.	28	1 ·36	7 ·79	29
						20	Tues.	29	—**A** ·62	1 ·23	28	19	Sun.	29	2 ·38	8 ·83	—30
						21	Wed.	30	1 ·54	2 ·19	29	20	Mon.	30	3 ·41	9 ·89	1

Pramādin. **Makara—Tai.** *Bahula.* **Pausha.** *Sukla.* *H.* 1208 *Jamāda'l ākhir.*

Pramādin. **Kumbha—Māsi.** *Bahula.* **Māgha.** *Sukla.* *H.* 1208 *Rajab.*

Pramādin. **Mīna—Paṅguni.** *Bahula.* **Phālguna.** *Sukla.* *H.* 1208 *Sha'bān.*

Ānanda. **Mēsha—Chittirai.** *Bahula.* **Chaitra.** *Sukla.* *H.* 1208 *Ramazān.*

Ānanda. **Vṛishabha—Vaiśāsi.** *Bahula.* **Vaiśākha.** *Sukla.* *H.* 1208 *Shawwāl.*

Ānanda. **Mithuna—Āni.** *Bahula.* **Jyeshtha.** *Sukla.* *H.* 1208 *Zi-l-ka'da.*

Naksh:— 1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1794. **Kollam 970,** { **N. Malabar—Sep.** **Hijra 1209.** **Vikrama 1851.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 29.** **Bengal San. 1200.**
P—Paurnimā. **(N. Cycle) Krodhana.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Tues.	1	4 ·46	10 ·97	2	20	Mon.	1	7 ·92	16 ·18	5	19	Sat.	1	8 ·00 9 ·93	23 ·92	7
22	Wed.	2	5 ·52	... ...	3	21	Tues.	2	8 ·95	17 ·25	6						
23	Thur.	3	6 ·60	11 ·08	4	22	Wed.	3	9 ·96	18 ·30	7	20	Sun.	2	10 ·85	24 ·87	8
24	Fri.	4	7 ·68	12 ·18	5	23	Thur.	4	10 ·94	19 ·33	8	21	Mon.	3	11 ·76	25 ·81	9
25	Sat.	5	8 ·77	13 ·29	6	24	Fri.	5	11 ·91	20 ·34	9	22	Tues.	4	12 ·66	26 ·74	10
26	Sun.	6	9 ·84	14 ·39	7	25	Sat.	6	12 ·85	21 ·32	10	23	Wed.	5	13 ·56	27 ·67	11
27	Mon.	7	10 ·89	15 ·49	8	26	Sun.	7	13 ·78	22 ·29	11	24	Thur.	6	14 ·46	1 ·61	12
28	Tues.	8	11 ·93	16 ·57	9	27	Mon.	8	14 ·70	23 ·25	12	25	Fri.	7	P ·37	2 ·54	13
29	Wed.	9	12 ·96	17 ·63	10	28	Tues.	9	P ·61	24 ·19	13	26	Sat.	8	1 ·28	3 ·48	14
30	Thur.	10	13 ·96	18 ·67	11	29	Wed.	10	1 ·51	25 ·14	14	27	Sun.	9	2 ·21	4 ·43	15
31	Fri.	11	14 ·94	19 ·68	12	30	Thur.	11	2 ·41	26 ·07 27 ·99	15	28	Mon.	10	3 ·14	5 ·40	16
32	Sat.	12	P ·90	20 ·68	13							29	Tues.	11	4 ·08	6 ·39	17
1	Sun.	13	1 ·85	21 ·67	14	31	Fri.	12	3 ·31	1 ·92	16	30	Wed.	12	5 ·05	7 ·39	18
2	Mon.	14	2 ·78	22 ·63	15	32	Sat.	13	4 ·21	2 ·86	17	1	Thur.	13	6 ·04	8 ·41	19
3	Tues.	15	3 ·69	23 ·58	16	1	Sun.	14	5 ·12	3 ·82	18	2	Fri.	14	7 ·06	9 ·45	20
4	Wed.	16	4 ·59	24 ·52	17	2	Mon.	15	6 ·04 7 ·97	4 ·77	19	3	Sat.	15	8 ·09	10 ·50	21
5	Thur.	17	5 ·49	25 ·45	18							4	Sun.	16	9 ·14	11 ·59	22
6	Fri.	18	6 ·39	26 ·39	19	3	Tues.	16	8 ·92	5 ·74	20	5	Mon.	17	10 ·21	12 ·69	23
7	Sat.	19	7 ·29	27 ·32	20	4	Wed.	17	9 ·88	6 ·73	21	6	Tues.	18	11 ·30	13 ·79	24
8	Sun.	20	8 ·19	1 ·25	21	5	Thur.	18	10 ·87	7 ·74	22	7	Wed.	19	12 ·39	14 ·90	25
9	Mon.	21	9 ·09	2 ·19	22	6	Fri.	19	11 ·89	8 ·78	23	8	Thur.	20	13 ·47	... ...	26
10	Tues.	22	10 ·01 11 ·94	3 ·14	23	7	Sat.	20	12 ·92	9 ·83	24	9	Fri.	21	14 ·55	15 ·00	27
11	Wed.	23	12 ·89	4 ·10	24	8	Sun.	21	13 ·96	10 ·89	25	10	Sat.	22	A ·62	16 ·09	28
12	Thur.	24	13 ·86	5 ·09	25	9	Mon.	22	... ...	11 ·98	26	11	Sun.	23	1 ·67	17 ·18	29
13	Fri.	25	14 ·85	6 ·09	26	10	Tues.	23	14 ·02	... ...	27	12	Mon.	24	2 ·70	18 ·24	1
14	Sat.	26	A ·86	7 ·10	27	11	Wed.	24	A ·10	12 ·08	28	13	Tues.	25	3 ·71	19 ·28	2
15	Sun.	27	1 ·88	8 ·14	28	12	Thur.	25	1 ·19	13 ·19	29	14	Wed.	26	4 ·70	20 ·30	3
16	Mon.	28	2 ·93	9 ·20	29	13	Fri.	26	2 ·27	14 ·30	1	15	Thur.	27	5 ·66	21 ·30	4
17	Tues.	29	3 ·99	10 ·29	1	14	Sat.	27	3 ·35	15 ·40	2	16	Fri.	28	6 ·61	22 ·29	5
18	Wed.	30	... ...	11 ·38	2	15	Sun.	28	4 ·41	16 ·49	3	17	Sat.	29	7 ·55	23 ·26	6
19	Thur.	31	4 ·07	12 ·48	3	16	Mon.	29	5 ·46	17 ·56	4	18	Sun.	30	8 ·47	24 ·21	7
	Aug.					17	Tues.	30	6 ·49	18 ·62	5		**Dec.**				
20	Fri.	1	5 ·16	13 ·59	4		**Oct.**					19	Mon.	1	9 ·38	25 ·15	8
21	Sat.	2	6 ·24	14 ·68	5	18	Wed.	1	7 ·50	19 ·65	6	20	Tues.	2	10 ·29	26 ·08	9
22	Sun.	3	7 ·31	15 ·80	6	19	Thur.	2	8 ·49	20 ·66	7	21	Wed.	3	11 ·19	27 ·02 1 ·95	10
23	Mon.	4	8 ·37	16 ·88	7	20	Fri.	3	9 ·46	21 ·65	8						
24	Tues.	5	9 ·41	17 ·94	8	21	Sat.	4	10 ·40	22 ·62	9	22	Thur.	4	12 ·09 13 ·99	2 ·88	11
25	Wed.	6	10 ·44	18 ·98	9	22	Sun.	5	11 ·33	23 ·58	10						
26	Thur.	7	11 ·45	... ...	10	23	Mon.	6	12 ·25	24 ·54	11	23	Fri.	5	14 ·90	3 ·82	12
27	Fri.	8	12 ·43	19 ·00	11	24	Tues.	7	13 ·16	25 ·47	12	24	Sat.	6	P ·82	4 ·77	13
28	Sat.	9	13 ·39	20 ·01	12	25	Wed.	8	14 ·06 P ·96	26 ·40	13	25	Sun.	7	1 ·76	5 ·74	14
29	Sun.	10	14 ·34	21 ·00 22 ·96	13	26	Thur.	9	1 ·86	27 ·33	14	26	Mon.	8	2 ·72	6 ·71	15
30	Mon. ○	11	P ·27	23 ·91	14	27	Fri.	10	2 ·77	1 ·26	15	27	Tues.	9	3 ·69	7 ·71	16
31	Tues.	12	1 ·19	24 ·85	15	28	Sat.	11	3 ·68	2 ·21	16	28	Wed.	10	4 ·68	8 ·72	17
1	Wed.	13	2 ·09 3 ·99	25 ·80	16	29	Sun.	12	4 ·60	3 ·15	17	29	Thur.	11	5 ·70	9 ·76	18
2	Thur.	14	4 ·89	26 ·73	17	30	Mon.	13	5 ·54	4 ·10	18	1	Fri.	12	6 ·74	10 ·81	19
3	Fri.	15	5 ·79	27 ·66	18	1	Tues.	14	6 ·49	5 ·07	19	2	Sat.	13	7 ·80	11 ·90	20
4	Sat.	16	6 ·69	1 ·59	19	2	Wed.	15	7 ·46	6 ·05	20	3	Sun.	14	8 ·87	12 ·99	21
5	Sun.	17	7 ·60	2 ·52	20	3	Thur.	16	8 ·45	7 ·07	21	4	Mon.	15	9 ·95	... ..	22
6	Mon.	18	8 ·51	3 ·47	21	4	Fri.	17	9 ·46	8 ·09	22	5	Tues.	16	... ...	13 ·09	23
7	Tues.	19	9 ·44	4 ·44	22	5	Sat.	18	10 ·48	9 ·13	23	6	Wed.	17	10 ·04	14 ·19	24
8	Wed.	20	10 ·39	5 ·42	23	6	Sun.	19	11 ·53	10 ·20	24	7	Thur.	18	11 ·13	15 ·30	25
9	Thur.	21	11 ·36	6 ·41	24	7	Mon.	20	12 ·60	11 ·28	25	8	Fri.	19	12 ·21	16 ·41	26
10	Fri.	22	12 ·35	7 ·42	25	8	Tues.	21	13 ·68	12 ·39	26	9	Sat.	20	13 ·27	17 ·49	27
11	Sat.	23	13 ·34	8 ·45	26	9	Wed.	22	14 ·77	13 ·49	27	10	Sun.	21	14 ·31	18 ·55	28
12	Sun.	24	14 ·38	9 ·52	27	10	Thur.	23	A ·86	14 ·60	28	11	Mon.	22	A ·34	19 ·60	29
13	Mon. ●	25	A ·43	10 ·59	28	11	Fri.	24	1 ·94	15 ·70	29	12	Tues.	23	1 ·35	20 ·62	30
14	Tues.	26	1 ·49	11 ·68	29	12	Sat.	25	... ...	16 ·79	30	13	Wed.	24	2 ·34	21 ·64	1
15	Wed.	27	2 ·57	12 ·78	30	13	Sun.	26	2 ·00	17 ·87	1	14	Thur.	25	3 ·31	22 ·62	2
16	Thur.	28	3 ·65	13 ·89	1	14	Mon.	27	3 ·04	18 ·93	2	15	Fri.	26	4 ·25	23 ·59	3
17	Fri.	29	4 ·74	... ..	2	15	Tues.	28	4 ·07	19 ·97	3	16	Sat.	27	5 ·18	24 ·54	4
18	Sat.	30	5 ·81	14 ·00	3	16	Wed.	29	5 ·08	20 ·98	4	17	Sun.	28	6 ·10	25 ·48	5
19	Sun.	31	6 ·87	15 ·10	4	17	Thur.	30	6 ·08	21 ·98	5	18	Mon.	29	7 ·01 8 ·92	26 ·43	6
						18	Fri.	31	7 ·05	22 ·95	6	19	Tues.	30	9 ·82	27 ·36	7
												20	Wed.	31	10 ·72	1 ·29	8

Ananda. **Kārkataka—Ādi.** *Sukla.* **Āshādha.** *Bahula.* *H.* 1208 *Zi-l-hijja.*
Ananda. **Simha—Avaṇi.** *Sukla.* **Śrāvaṇa.** *Bahula.* *H.* 1209 *Muharram.*
Ananda. **Kanyā—Puraṭṭāśi.** *Sukla.* **Āśvina.** *Bahula.* *H.* 1209 *Safar.*
Ananda. **Tulā—Aippaśi.** *Sukla.* **Bhādrapada.** *Bahula.* *H.* 1209 *Rabi-ul awwal.*
Ananda. **Vṛiśchika—Kārttigai.** *Sukla.* **Kārttika.** *Bahula.* *H.* 1209 *Rabi-ul ākhir.*
Ananda. **Dhanus—Mārgaḷi.** *Sukla.* **Mārgaśirsha.** *Bahula.* *H.* 1209 *Jamādā'l awwal.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17 Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1795. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·45.** **Śaka 1717.** **Kaliyuga 4896.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·35.** **(S. Cycle) Rākshasa.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
21	Thur. 1	11 ·63	2 ·22	9	21	Sun. 1	11 ·62	7 ·68	9	22	Fri. 1	13 ·89	13 ·59	11
22	Fri. 2	12 ·54	3 ·16	10	22	Mon. 2	12 ·59	8 ·69	10	23	Sat. 2	14 ·98	14 ·69	12
23	Sat. 3	13 ·46	4 ·10	11	23	Tues. 3	13 ·58	9 ·71	11	24	Sun. 3	... ...	15 ·80	13
24	Sun. 4	14 ·40	5 ·07	12	24	Wed. 4	14 ·60	10 ·75	12	25	Mon. 4	P ·06	16 ·91	14
25	Mon. 5	P ·36	6 ·04	13	25	Thur. 5	P ·64	11 ·81	13	26	Tues. 5	1 ·13	... ...	15
26	Tues. 6	1 ·34	7 ·03	14	26	Fri. 6	1 ·70	12 ·89	14	27	Wed. 6	2 ·20	17 ·01	16
27	Wed. 7	2 ·33	8 ·04	15	27	Sat. 7	2 ·78	13 ·99	15	28	Thur. 7	3 ·26	18 ·10	17
28	Thur. 8	3 ·34	9 ·07	16	28	Sun. 8	3 ·87	... ...	16	29	Fri. 8	4 ·31	19 ·17	18
29	Fri. 9	4 ·38	10 ·13	17	29	Mon. 9	4 ·96	14 ·10	17	30	Sat. 9	5 ·34	20 ·21	19
—30	Sat. 10	5 ·44	11 ·20	18	—30	Tues. 10	... ...	15 ·21	18	—31	Sun. 10	6 ·32	21 ·24	20
1	Sun. 11	6 ·51	12 ·29	19	1	Wed. 11	5 ·04	16 ·31	19	1	Mon. 11	7 ·29	22 ·26	21
2	Mon. 12	7 ·60	13 ·39	20	2	Thur. 12	6 ·11	17 ·40	20	2	Tues. 12	8 ·25	23 ·25	22
3	Tues. 13	8 ·69	14 ·49	21	3	Fri. 13	7 ·16	18 ·49	21	3	Wed. 13	9 ·19	24 ·22	23
4	Wed. 14	9 ·77	15 ·61	22	4	Sat. 14	8 ·20	19 ·55	22	4	Thur. 14	10 ·12	25 ·17	24
5	Thur. 15	10 ·85	16 ·71	23	5	Sun. 15	9 ·22	20 ·59	23	5	Fri. 15	11 ·03 / 12 ·93	26 ·12	25
6	Fri. 16	11 ·92	17 ·79	24	6	Mon. 16	10 ·22	21 ·60	24					
7	Sat. 17	12 ·96	18 ·86	25	7	Tues. 17	11 ·21	22 ·60	25	6	Sat. 16	13 ·83	27 ·06 / 1 ·99	26
8	Sun. 18	13 ·98	19 ·91	26	8	Wed. 18	12 ·17	23 ·58	26					
9	Mon. 19	14 ·99	20 ·95	27	9	Thur. 19	13 ·11	24 ·55	27	7	Sun. 17	14 ·73	2 ·92	27
10	Tues. ●20	—A ·98	21 ·96	28	10	Fri. 20	14 ·04 / A ·95	25 ·50	28	8	Mon. 18	—A ·63	3 ·85	28
11	Wed. 21	1 ·95	22 ·95	— 29						9	Tues. 19	1 ·53	4 ·79	—29
12	Thur. 22	2 ·89	23 ·92	1	11	Sat. 21	1 ·86	26 ·44	—29	10	Wed. 20	2 ·43	5 ·73	1
13	Fri. 23	3 ·82	24 ·88	2	12	Sun. 22	2 ·76	27 ·87	1	11	Thur. 21	3 ·35	6 ·70	2
14	Sat. 24	4 ·74	25 ·83	3	13	Mon. 23	3 ·66	1 ·30	2	12	Fri. 22	4 ·30	7 ·66	3
15	Sun. 25	5 ·65	26 ·77	4	14	Tues. 24	4 ·56	2 ·24	3	13	Sat. 23	5 ·26	8 ·65	4
16	Mon. 26	6 ·55	27 ·70	5	15	Wed. 25	5 ·47	3 ·18	4	14	Sun. 24	6 ·23	9 ·66	5
17	Tues. 27	7 ·45	1 ·63	6	16	Thur. 26	6 ·38	4 ·11	5	15	Mon. 25	7 ·21	10 ·68	6
18	Wed. 28	8 ·35	2 ·56	7	17	Fri. 27	7 ·30	5 ·06	6	16	Tues. 26	8 ·22	11 ·74	7
19	Thur. 29	9 ·26	3 ·49	8	18	Sat. 28	8 ·24	6 ·02	7	17	Wed. 27	9 ·26	12 ·81	8
20	Fri. 30	10 ·18	4 ·44	9	19	Sun. 29	9 ·20	7 ·01	8	18	Thur. 28	10 ·31	13 ·89	9
21	Sat. 31	11 ·11	5 ·40	10	20	Mon. 30	10 ·18	8 ·01	9	19	Fri. 29	11 ·38	14 ·99	10
					21	Tues. 31	11 ·17	9 ·02	10	20	Sat. 30	12 ·47	... ...	11
										21	Sun. 31	13 ·55	15 ·10	12
	Feb.					**April.**					**June.**			
22	Sun. 1	12 ·05	6 ·37	11	22	Wed. 1	12 ·19	10 ·06	11	22	Mon. 1	14 ·63	16 ·21	13
23	Mon. 2	13 ·00 / 14 ·98	7 ·35	12	23	Thur. 2	13 ·22	11 ·12	12	23	Tues. 2	P ·70	17 ·31	14
24	Tues. ○3	P ·97	8 ·36	13	24	Fri. 3	14 ·28	12 ·20	13	24	Wed. 3	1 ·76	18 ·40	15
25	Wed. 4	1 ·98	9 ·39	14	25	Sat. 4	P ·36	13 ·29	14	25	Thur. 4	2 ·79	19 ·48	16
26	Thur. 5	... ...	10 ·44	15	26	Sun. 5	1 ·44	14 ·40	15	26	Fri. 5	3 ·81	20 ·53	17
27	Fri. 6	2 ·03	11 ·50	16	27	Mon. 6	2 ·53	15 ·50	16	27	Sat. 6	4 ·81	21 ·57	18
28	Sat. 7	3 ·09	12 ·59	17	28	Tues. 7	3 ·61	16 ·61	17	28	Sun. 7	5 ·79	22 ·58	19
—29	Sun. 8	4 ·16	13 ·69	18	29	Wed. 8	4 ·68	17 ·70	18	29	Mon. 8	6 ·75	23 ·57	20
1	Mon. 9	5 ·24	14 ·80	19	—30	Thur. 9	5 ·73	18 ·79	19	30	Tues. 9	7 ·69	24 ·55	21
2	Tues. 10	6 ·32	15 ·91	20	1	Fri. 10	6 ·77	19 ·86	20	31	Wed. 10	8 ·61	25 ·50	22
3	Wed. 11	7 ·41	... ...	21	2	Sat. 11	7 ·78	20 ·90	21	—32	Thur. 11	9 ·52	26 ·46	23
4	Thur. 12	8 ·50	16 ·01	22	3	Sun. 12	8 ·78	21 ·92	22	1	Fri. 12	10 ·42	27 ·40	24
5	Fri. 13	9 ·56	17 ·10	23	4	Mon. 13	9 ·77	22 ·92	23	2	Sat. 13	11 ·32	1 ·33	25
6	Sat. 14	10 ·60	18 ·17	24	5	Tues. 14	10 ·73	23 ·92	24	3	Sun. 14	12 ·22	2 ·26	26
7	Sun. 15	11 ·62	19 ·24	25	6	Wed. 15	11 ·67	24 ·88	25	4	Mon. 15	13 ·12	3 ·19	27
8	Mon. 16	12 ·63	20 ·27	26	7	Thur. 16	12 ·60	25 ·84	26					
9	Tues. 17	13 ·62	21 ·28	27	8	Fri. 17	13 ·51	26 ·78	27	5	Tues. 16	14 ·02 / A ·93	4 ·12	28
10	Wed. 18	14 ·58	22 ·27	28	9	Sat. 18	14 ·42	27 ·71	28					
11	Thur. 19	—A ·51	23 ·25	29	10	Sun. 19	—A ·32	1 ·65	29	6	Wed. 17	1 ·85	5 ·07	29
12	Fri. 20	1 ·44	24 ·21	—30	11	Mon. 20	1 ·22	2 ·58	— 30					
13	Sat. 21	2 ·36	25 ·17	1	12	Tues. 21	2 ·12	3 ·51	1	7	Thur. 18	2 ·79	6 ·03 / 7 ·90	—30
14	Sun. 22	3 ·27	26 ·10	2	13	Wed. 22	3 ·02	4 ·45	2					
15	Mon. 23	4 ·17	27 ·04 / 1 ·97	3	14	Thur. 23	4 ·93	5 ·40	3	8	Fri. 19	3 ·74	8 ·98	1
					15	Fri. 24	5 ·85	6 ·36	4	9	Sat. 20	4 ·70	9 ·98	2
16	Tues. 24	5 ·07 / 6 ·97	2 ·90	4	16	Sat. 25	6 ·79	7 ·34	5	10	Sun. 21	5 ·69	... ...	3
17	Wed. 25	7 ·87	3 ·84	5	17	Sun. 26	7 ·75	8 ·33	6	11	Mon. 22	6 ·70	10 ·01	4
18	Thur. 26	8 ·78	4 ·77	6	18	Mon. 27	8 ·72	9 ·34	7	12	Tues. 23	7 ·74	11 ·05	5
19	Fri. 27	9 ·71	5 ·78	7	19	Tues. 28	9 ·70	10 ·37	8	13	Wed. 24	8 ·79	12 ·11	6
20	Sat. 28	10 ·66	6 ·70	8	20	Wed. 29	10 ·72	11 ·43	9	14	Thur. 25	9 ·85	13 ·20	7
					21	Thur. 30	11 ·75	12 ·51	10	15	Fri. 26	10 ·93	14 ·29	8
							12 ·81			16	Sat. 27	... ...	15 ·40	9
										17	Sun. 28	11 ·02	16 ·51	10
										18	Mon. 29	12 ·10	17 ·62	11
										19	Tues. 30	13 ·17	18 ·71	12

Āṇanda. **Makara—Tai.** *Sukla.* *H.* 1209 *Jamādu'l ākhir.* *Bahula.* **Kumbha—Māśi.** *Sukla.* *H.* 1209 *Sha'bān.* *Bahula.* *Āṇanda.* **Mīna—Paṅguni.** *Sukla.* *H.* 1209 *Ramazān.* *Bahula.* *Rākshasa.* **Mēsha—Chittirai.** *Sukla.* *H.* 1209 *Shawwāl.* *Bahula.* *Rākshasa.* **Vṛishabha—Vaigāśi.** *Sukla.* *H.* 1209 *Zi-l-ka'da.* *Bahula.* *Rākshasa.* **Mithuna—Āni.** *Sukla.* *H.* 1209 *Zi-l-hijja.* *Bahula.* **Vaiśākha.** **Jyeshṭha.** **Āshādha.**

Nakshatras:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1795. **Kollam 971,** { **N. Malabar—Sep.** **Hijra 1210.** **Vikrama 1852.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 18.** **Bengal San. 1201.**
P—Paurnimā. **(N. Cycle) Kshaya.**

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	July.			
Rākshasa. **Karkaṭaka—Āḍi.** 20	Wed. 1	**Āshāḍha.** 14 ·23	19 ·78	13
21	Thur. 2	P ·27	20 ·85	14
22	Fri. 3	1 ·29	21 ·89	15
23	Sat. 4	2 ·28	22 ·90	16
24	Sun. 5	3 ·26	23 ·90	17
25	Mon. 6	4 ·23	24 ·88	18
26	Tues. 7	5 ·17	25 ·85	19
27	Wed. 8	6 ·09	26 ·81	20
28	Thur. 9	7 ·00 / 8 ·90	27 ·74	21
29	Fri. 10	*Bahula.* 9 ·80	1 ·67	22
30	Sat. 11	10 ·70	2 ·60	23
31	Sun. 12	11 ·60	3 ·53	24
1	Mon. 13	12 ·50	4 ·47	25
2	Tues. 14	13 ·41	5 ·41	26
3	Wed. 15	14 ·33	6 ·36	27
4	Thur. 16	—A ·26	7 ·32	28
5	Fri. 17	1 ·21	8 ·30	—29
6	Sat. 18	2 ·19	9 ·31	1
7	Sun. 19	3 ·18	10 ·32	2
8	Mon. 20	4 ·18	11 ·36	3
9	Tues. 21	*Sukla.* 5 ·21	12 ·42	4
10	Wed. 22	6 ·25	13 ·50	5
11	Thur. 23	7 ·32	14 ·60	6
12	Fri. 24	8 ·40	15 ·70	7
13	Sat. 25	9 ·49	16 ·81	8
14	Sun. 26	10 ·57	17 ·91	9
15	Mon. 27	11 ·64	... ...	10
16	Tues. 28	12 ·70	18 ·01	11
17	Wed. 29	13 ·75	19 ·10	12
18	Thur. 30	14 ·77	20 ·16	13
19	Fri. ○ 31	**Śrāvaṇa.** P ·77	21 ·20	14
	Aug.			
20	Sat. 1	1 ·75	22 ·22	15
21	Sun. 2	2 ·71	23 ·22	16
22	Mon. 3	3 ·65	24 ·20	17
23	Tues. 4	4 ·57	25 ·18	18
24	Wed. 5	5 ·49	26 ·13	19
25	Thur. 6	*Bahula.* 6 ·40	27 ·07	20
26	Fri. 7	7 ·30	1 ·01 / 2 ·94	21
27	Sat. 8	8 ·20	3 ·88	22
28	Sun. 9	9 ·10	4 ·81	23
29	Mon. 10	10 ·00 / 11 ·91	5 ·74	24
30	Tues. 11	12 ·83	6 ·69	25
31	Wed. 12	13 ·76	7 ·65	26
—32	Thur. 13	14 ·70	8 ·64	27
1	Fri. 14	—A ·68	9 ·63	28
2	Sat. 15	*Sukla.* 1 ·67	10 ·64	29
3	Sun. 16	2 ·63	11 ·67	—30
4	Mon. 17	3 ·70	12 ·73	1
5	Tues. 18	4 ·75	13 ·81	2
6	Wed. 19	5 ·82	14 ·90	3
7	Thur. 20	6 ·90	... ...	4
8	Fri. 21	7 ·99	15 ·00	5
9	Sat. 22	... ...	16 ·11	6
10	Sun. 23	8 ·07	17 ·21	7
11	Mon. 24	9 ·14	18 ·31	8
12	Tues. 25	10 ·20	19 ·40	9
13	Wed. 26	11 ·25	20 ·47	10
14	Thur. 27	12 ·28	21 ·52	11
15	Fri. 28	13 ·27	22 ·54	12
16	Sat. 29	14 ·25	23 ·55	13
17	Sun. 30	P ·21	24 ·54	14
18	Mon. 31	1 ·16	25 ·51	15

Rākshasa. **Mithuna—Āṇi.** *H.* 1209 *Zi-l-hijja.* *H.* 1210 *Muharram.*

Rākshasa. **Siṁha—Āvaṇi.** *H.* 1210 *Safar.*

Rākshasa. **Kanyā—Puraṭṭāśi.** *H.* 1210 *Rabi-ul awwal.*

Rākshasa. **Tulā—Aippaśi.** *H.* 1210 *Jamāda'l awwal.*

Rākshasa. **Vṛiśchika—Kārttigai.** *H.* 1210 *Jamāda'l ākhir.*

Rākshasa. **Dhanus—Mārgaḷi.** *H.* 1210 *Rajab.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Sep.			
19	Tues. 1	2 ·09	26 ·47	16
20	Wed. 2	3 ·01 / 4 ·91	27 ·41	17
21	Thur. 3	*Bahula.* 5 ·81	1 ·34	18
22	Fri. 4	6 ·71	2 ·28	19
23	Sat. 5	7 ·61	3 ·21	20
24	Sun. 6	8 ·51	4 ·14	21
25	Mon. 7	9 ·42	5 ·08	22
26	Tues. 8	10 ·35	6 ·02 / 7 ·99	23
27	Wed. 9	11 ·28	8 ·96	24
28	Thur. 10	12 ·23	9 ·95	25
29	Fri. 11	13 ·20	10 ·96	26
30	Sat. 12	14 ·19	11 ·99	27
—31	Sun. 13	—A ·20	... ...	28
1	Mon. 14	*Sukla.* 1 ·23	12 ·05	—29
2	Tues. 15	2 ·28	13 ·11	1
3	Wed. 16	3 ·34	14 ·20	2
4	Thur. 17	4 ·42	15 ·30	3
5	Fri. 18	5 ·50	16 ·41	4
6	Sat. 19	6 ·58	17 ·51	5
7	Sun. 20	7 ·66	18 ·62	6
8	Mon. 21	8 ·73	19 ·71	7
9	Tues. 22	9 ·78	20 ·78	8
10	Wed. 23	10 ·80	21 ·83	9
11	Thur. 24	11 ·81	22 ·86	10
12	Fri. 25	12 ·79	23 ·88	11
13	Sat. 26	13 ·75	24 ·87	12
14	Sun. 27	14 ·70	25 ·84	13
15	Mon. 28	P ·63	26 ·80	14
16	Tues. 29	1 ·55	27 ·75	15
17	Wed. 30	2 ·46	1 ·69	16
	Oct.			
18	Thur. 1	3 ·36	2 ·62	17
19	Fri. 2	4 ·26	3 ·55	18
20	Sat. 3	5 ·16	4 ·48	19
21	Sun. 4	*Bahula.* 6 ·06 / 7 ·97	5 ·42	20
22	Mon. 5	8 ·89	6 ·37	21
23	Tues. 6	9 ·83	7 ·32	22
24	Wed. 7	10 ·78	8 ·29	23
25	Thur. 8	11 ·76	9 ·27	24
26	Fri. 9	12 ·76	10 ·28	25
27	Sat. 10	13 ·77	11 ·30	26
28	Sun. 11	14 ·79	12 ·36	27
29	Mon. 12	—A ·84	13 ·42	28
—30	Tues. 13	*Sukla.* 1 ·90	14 ·50	29
1	Wed. 14	2 ·98	15 ·60	—30
2	Thur. 15	... ...	16 ·70	1
3	Fri. 16	3 ·07	17 ·82	2
4	Sat. 17	4 ·16	18 ·92	3
5	Sun. 18	5 ·24	... ...	4
6	Mon. 19	6 ·30	19 ·01	5
7	Tues. 20	7 ·35	20 ·09	6
8	Wed. 21	8 ·39	21 ·14	7
9	Thur. 22	9 ·39	22 ·19	8
10	Fri. 23	10 ·37	23 ·20	9
11	Sat. 24	11 ·33	24 ·20	10
12	Sun. 25	12 ·28	25 ·17	11
13	Mon. 26	13 ·21	26 ·13	12
14	Tues. 27	14 ·13	27 ·09	13
15	Wed. 28	P ·04 / 1 ·91	1 ·04 / 2 ·96	14
16	Thur. 29	2 ·84	3 ·89	15
17	Fri. 30	3 ·75	4 ·82	16
18	Sat. 31	4 ·66	5 ·75	17

Rākshasa. **Siṁha—Āvaṇi.** *Śaka* 1717 *Śrāvaṇa.* *Śaka* 1717 *Bhādrapada.* *Śaka* 1717 *Āśvina.*

Rākshasa. **Tulā—Aippaśi.** *Śaka* 1717 *Kārttika.* *Śaka* 1717 *Mārgaśīrsha.*

SOLAR reckoning. Cyclic sidereal year, month and day.	SOLAR reckoning. Week-day, English month and day.	LUNAR reckoning. Tithi ending Moment.	LUNAR reckoning. Nakshatra ending Moment.	LUNAR reckoning. Muhammadan year, month and day.
	Nov.			
19	Sun. 1	5 ·57	6 ·70	18
20	Mon. 2	6 ·49	7 ·65	19
21	Tues. 3	7 ·42	8 ·62	20
22	Wed. 4	8 ·38	9 ·60	21
23	Thur. 5	*Bahula.* 9 ·36	10 ·60	22
24	Fri. 6	10 ·35	11 ·63	23
25	Sat. 7	11 ·35	12 ·67	24
26	Sun. 8	12 ·39	13 ·73	25
27	Mon. 9	13 ·45	14 ·80	26
28	Tues. 10	14 ·52	15 ·90	27
29	Wed 11	—A ·60	... ...	28
—30	Thur. 12	*Sukla.* 1 ·68	16 ·01	—29
1	Fri. 13	2 ·77	17 ·12	1
2	Sat. 14	3 ·85	18 ·22	2
3	Sun. 15	4 ·92	19 ·32	3
4	Mon. 16	5 ·97	20 ·39	4
5	Tues. 17	... ...	21 ·46	5
6	Wed. 18	6 ·00	22 ·50	6
7	Thur. 19	7 ·00 / 8 ·98	23 ·52	7
8	Fri. 20	9 ·94	24 ·52	8
9	Sat. 21	10 ·89	25 ·50	9
10	Sun. 22	11 ·83	26 ·46	10
11	Mon. 23	12 ·75	27 ·43	11
12	Tues. 24	13 ·66	1 ·37	12
13	Wed. 25	14 ·56	2 ·30	13
14	Thur. 26	P ·46	3 ·23	14
15	Fri. 27	1 ·37	4 ·16	15
16	Sat. 28	2 ·28	5 ·10	16
17	Sun. 29	3 ·19	6 ·04 / 7 ·99	17
18	Mon. 30	4 ·11	8 ·95	18
	Dec.			
19	Tues. 1	5 ·05	9 ·92	19
20	Wed. 2	6 ·00 / 7 ·98	10 ·93	20
21	Thur. 3	*Bahula.* 8 ·98	11 ·94	21
22	Fri. 4	9 ·99	12 ·98	22
23	Sat. 5	... ...	... ...	23
24	Sun. 6	10 ·03	13 ·03	24
25	Mon. 7	11 ·08	14 ·10	25
26	Tues. 8	12 ·15	15 ·20	26
27	Wed. 9	13 ·23	16 ·31	27
28	Thur. 10	14 ·32	17 ·42	28
29	Fri. 11	—A ·41	18 ·52	29
—30	Sat. 12	*Sukla.* 1 ·49	19 ·62	—30
1	Sun. 13	2 ·56	20 ·71	1
2	Mon. 14	3 ·61	21 ·77	2
3	Tues. 15	4 ·64	22 ·82	3
4	Wed. 16	5 ·64	23 ·84	4
5	Thur. 17	6 ·62	24 ·85	5
6	Fri. 18	7 ·58	25 ·83	6
7	Sat. 19	8 ·53	26 ·81	7
8	Sun. 20	9 ·46	27 ·76	8
9	Mon. 21	10 ·38	1 ·70	9
10	Tues. 22	11 ·29	2 ·64	10
11	Wed. 23	12 ·19	3 ·57	11
12	Thur. 24	13 ·09	4 ·51	12
13	Fri. 25	14 ·00 / P ·91	5 ·44	13
14	Sat. 26	1 ·83	6 ·37	14
15	Sun. 27	2 ·75	7 ·32	15
16	Mon. 28	3 ·69	8 ·29	16
17	Tues. 29	4 ·64	9 ·25	17
18	Wed. 30	5 ·62	10 ·25	18
19	Thur. 31	6 ·62	11 ·26	19

Rākshasa. **Mārgaśīrsha.** *Śaka* 1717 *Pausha.* *Śaka* 1717 *Māgha.* *Śaka* 1717 *Phālguna.*

Rākshasa. **Dhanus—Mārgaḷi.** *Śaka* 1717 *Pausha.* *Śaka* 1717 *Māgha.* *Śaka* 1717 *Phālguna.*

Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1796. **Mêsha Sankrânti.** (Commencement of Indian Sidereal year.) **Kaliyuga 4897.**
Solar Eclipse. ● **(Surya Sid.) April 9·71.** **Śaka 1718.** **(S. Cycle) Anala.**
Lunar Eclipse. ○ **(Arya Sid.) April 9·61.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
20	Fri.	1	7 ·64	12 ·29	20	22	Tues.	1	7 ·17	17 ·31	21	22	Sun.	1	9 ·64	28 ·43	23
21	Sat.	2	8 ·68	13 ·34	21	23	Wed.	2	8 ·26	18 ·43	22	23	Mon.	2	10 ·64	24 ·46	24
22	Sun.	3	9 ·73	14 ·42	22	24	Thur.	3	9 ·34	19 ·53	23	24	Tues.	3	11 ·62	25 ·47	25
23	Mon.	4	10 ·80	15 ·51	23	25	Fri.	4	10 ·41	20 ·62	24	25	Wed.	4	12 ·56	26 ·47	26
24	Tues.	5	11 ·88	16 ·61	24	26	Sat.	5	11 ·46	21 ·70	25	26	Thur.	5	13 ·49	27 ·44	27
25	Wed.	6	12 ·97	17 ·71	25	27	Sun.	6	12 ·50	22 ·76	26	27	Fri.	6	14 ·42	1 ·39	28
26	Thur.	7		18 ·82	26	28	Mon.	7	13 ·53	23 ·81	27	28	Sat.	7	A ·34	2 ·34	29
27	Fri.	8	13 ·06	19 ·93	27	29	Tues.	8	14 ·53	24 ·82	28	29	Sun.	8	1 ·24	3 ·27	1
28	Sat.	9	14 ·14	... ...	28	30	Wed.	9	A ·51	25 ·82	29	30	Mon.	9	2 ·14	4 ·20	2
29	Sun. ●	10	A ·21	20 ·01	29	1	Thur.	10	1 ·46	26 ·80	1	31	Tues.	10	3 ·04	5 ·14	3
1	Mon.	11	1 ·23	21 ·08	1	2	Fri.	11	2 ·40	27 ·76	2				4 ·94		
2	Tues.	12	2 ·28	22 ·13	2	3	Sat.	12	3 ·33	1 ·72	3	1	Wed.	11	5 ·84	6 ·07	4
3	Wed.	13	3 ·28	23 ·16	3	4	Sun.	13	4 ·25	2 ·66	4	2	Thur.	12	6 ·75	7 ·01	5
4	Thur.	14	4 ·26	24 ·17	4	5	Mon.	14	5 ·15	3 ·59	5					8 ·95	
5	Fri.	15	5 ·22	25 ·17	5	6	Tues.	15	6 ·05	4 ·52	6	3	Fri.	13	7 ·68	9 ·90	6
6	Sat.	16	6 ·17	26 ·14	6				7 ·95			4	Sat.	14	8 ·62	10 ·88	7
7	Sun.	17	7 ·11	27 ·10	7	7	Wed.	16	8 ·85	5 ·45	7	5	Sun.	15	9 ·57	11 ·87	8
8	Mon.	18	8 ·03	1 ·04	8	8	Thur.	17	9 ·76	6 ·39	8	6	Mon.	16	10 ·55	12 ·88	9
			9 ·93	2 ·98		9	Fri.	18	10 ·68	7 ·33	9	7	Tues.	17	11 ·54	13 ·91	10
9	Tues.	19	10 ·83	3 ·92	9	10	Sat.	19	11 ·60	8 ·28	10	8	Wed.	18	12 ·55	14 ·95	11
10	Wed.	20	11 ·73	4 ·85	10	11	Sun.	20	12 ·54	9 ·24	11	9	Thur.	19	13 ·59	...	12
11	Thur.	21	12 ·63	5 ·78	11	12	Mon.	21	13 ·50	10 ·22	12	10	Fri.	20	14 ·65	15 ·03	13
12	Fri.	22	13 ·54	6 ·71	12	13	Tues.	22	14 ·48	11 ·22	13	11	Sat.	21	P ·72	16 ·11	14
13	Sat.	23	14 ·46	7 ·65	13	14	Wed.	23	P ·48	12 ·24	14	12	Sun.	22	1 ·80	17 ·21	15
14	Sun.	24	P ·39	8 ·62	14	15	Thur.	24	1 ·50	13 ·28	15	13	Mon.	23	2 ·88	18 ·32	16
15	Mon.	25	1 ·33	9 ·59	15	16	Fri.	25	2 ·54	14 ·34	16	14	Tues.	24	3 ·96	19 ·43	17
16	Tues.	26	2 ·29	10 ·58	16	17	Sat.	26	3 ·60	15 ·41	17	15	Wed.	25	... ..	20 ·54	18
17	Wed.	27	3 ·27	11 ·58	17	18	Sun.	27	4 ·67	16 ·50	18	16	Thur.	26	4 ·03	21 ·64	19
18	Thur.	28	4 ·26	12 ·60	18	19	Mon.	28	5 ·75	17 ·61	19	17	Fri.	27	5 ·09	22 ·70	20
19	Fri.	29	5 ·28	13 ·66	19	20	Tues.	29	6 ·84	18 ·72	20	18	Sat.	28	6 ·12	23 ·75	21
20	Sat.	30	6 ·33	14 ·72	20	21	Wed.	30	7 ·92	19 ·83	21	19	Sun.	29	7 ·14	24 ·78	22
21	Sun.	31	7 ·39	15 ·81	31	22	Thur.	31	8 ·99	20 ·92	22	20	Mon.	30	8 ·18	25 ·79	23
												21	Tues.	31	9 ·11	26 ·79	24
	Feb.						**April.**						**June.**				
22	Mon.	1	8 ·46	16 ·91	22	23	Fri.	1	... ...	... ...	23	22	Wed.	1	10 ·07	27 ·77	25
23	Tues.	2	9 ·54	... ...	23	24	Sat.	2	9 ·05	21 ·00	24				11 ·01		
24	Wed.	3	10 ·63	17 ·01	24	25	Sun.	3	10 ·09	22 ·08	25	23	Thur.	2	12 ·93	1 ·72	26
25	Thur.	4	11 ·71	18 ·12	25	26	Mon.	4	11 ·10	23 ·12	26	24	Fri.	3	13 ·88	2 ·67	27
26	Fri.	5	12 ·79	19 ·23	26	27	Tues.	5	12 ·10	24 ·14	27	25	Sat.	4	14 ·73	3 ·61	28
27	Sat.	6	13 ·85	20 ·32	27	28	Wed.	6	13 ·08	25 ·14	28	26	Sun.	5	— A ·63	4 ·55	29
28	Sun.	7	14 ·90	21 ·39	28	29	Thur.	7	14 ·03	26 ·13	29	27	Mon.	6	1 ·53	5 ·48	30
29	Mon.	8	— A ·92	22 ·45	29				A ·97			28	Tues.	7	2 ·43	6 ·41	1
1	Tues.	9	1 ·92	23 ·48	30	30	Fri.	8	1 ·89	27 ·10	30	29	Wed.	8	3 ·34	7 ·34	2
2	Wed.	10	2 ·89	24 ·50	1	31	Sat.	9	2 ·81	1 ·06	1	30	Thur.	9	4 ·25	8 ·28	3
3	Thur.	11	3 ·85	25 ·49	2					2 ·00		31	Fri.	10	5 ·17	9 ·25	4
4	Fri.	12	4 ·80	26 ·47	3	1	Sun.	10	3 ·72	3 ·93	2	1	Sat.	11	6 ·11	10 ·18	5
5	Sat.	13	5 ·73	27 ·43	4	2	Mon.	11	4 ·62	4 ·86	3	2	Sun.	12	7 ·06	11 ·20	6
6	Sun.	14	6 ·65	1 ·38	5	3	Tues.	12	5 ·52	5 ·80	4	3	Mon.	13	8 ·03	12 ·20	7
7	Mon.	15	7 ·56	2 ·32	6	4	Wed.	13	6 ·42	6 ·73	5	4	Tues.	14	9 ·02	13 ·22	8
8	Tues.	16	8 ·46	3 ·26	7	5	Thur.	14	7 ·32	7 ·67	6	5	Wed.	15	10 ·04	14 ·27	9
9	Wed.	17	9 ·36	4 ·18	8	6	Fri.	15	8 ·28	8 ·62	7	6	Thur.	16	11 ·07	15 ·34	10
10	Thur.	18	10 ·26	5 ·11	9	7	Sat.	16	9 ·15	9 ·57	8	7	Fri.	17	12 ·12	16 ·42	11
11	Fri.	19	11 ·17	6 ·05	10	8	Sun.	17	10 ·10	10 ·55	9	8	Sat.	18	13 ·19	17 ·51	12
				7 ·00		9	Mon.	18	11 ·06	11 ·55	10	9	Sun.	19	14 ·27	18 ·62	13
12	Sat.	20	12 ·08	8 ·95	11	10	Tues.	19	12 ·03	12 ·57	11	10	Mon.	20	P ·35	19 ·73	14
			13 ·00			11	Wed.	20	13 ·02	13 ·59	12	11	Tues.	21	1 ·43	20 ·84	15
13	Sun.	21	14 ·95	9 ·92	12	12	Thur.	21	14 ·04	14 ·64	13	12	Wed.	22	2 ·50	21 ·93	16
14	Mon.	22	P ·91	10 ·90	13	13	Fri.	22	P ·08	15 ·72	14	13	Thur.	23	3 ·56	..	17
15	Tues.	23	1 ·82	11 ·90	14	14	Sat.	23	1 ·14	16 ·81	15	14	Fri.	24	4 ·60	22 ·00	18
16	Wed.	24	2 ·88	12 ·93	15	15	Sun.	24	2 ·21	17 ·91	16	15	Sat.	25	5 ·62	23 ·06	19
17	Thur.	25	3 ·90	13 ·97	16	16	Mon.	25	3 ·29	... ...	17	16	Sun.	26	6 ·61	24 ·10	20
18	Fri.	26	4 ·94	.. ...	17	17	Tues.	26	4 ·38	18 ·02	18	17	Mon.	27	7 ·59	25 ·12	21
19	Sat.	27	..	14 ·03	18	18	Wed.	27	5 ·46	19 ·13	19	18	Tues.	28	8 ·55	26 ·12	22
20	Sun.	28	5 ·01	15 ·11	19	19	Thur.	28	6 ·53	20 ·23	20	19	Wed.	29	9 ·49	27 ·10	23
21	Mon.	29	1 ·09	16 ·20	20	20	Fri.	29	7 ·58	21 ·32	21	20	Thur.	30	10 ·40	1 ·06	24
						21	Sat.	30	8 ·62	22 ·39	22						

Rākshasa. **Makara—Tai.** *Pausha.* *Śukla.* *Bahula.* *H.* 1210 *Rajab.*
Rākshasa. **Kumbha—Māgi.** *Māgha.* *Śukla.* *Bahula.* *H.* 1210 *Sha'bán.*
Rākshasa. **Mîna—Pâṅguni.** *Phâlguna.* *Śukla.* *Bahula.* *H.* 1210 *Ramazán.*
Anala. **Mêsha—Chittirai.** *Chaitra.* *Śukla.* *Bahula.* *H.* 1210 *Shawwál.*
Anala. **Vṛishabha—Vaigâśi.** *Vaiśâkha.* *Śukla.* *Bahula.* *H.* 1210 *Zi-l-ka'da.*
Anala. **Mithuna—Âni.** *Jyeshṭha.* *Śukla.* *Bahula.* *H.* 1210 *Zi-l-hijja.*

Nakshatras:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrâ. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 13. Hast. 14. Chit. 15. Swâti. 16. Vish. 17. Anu. 18. Jyesh. 19. Mûl. 20. P. Shad. 21. U. Shad. 22. Shr. 23. Dhan. 24. Śat. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1796. **Kollam 972,** { **N. Malabar—Sep.** **Hijra 1211.** **Vikrama 1853.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **July 7.** **Bengal San. 1202.**
P—Paurnimā. **(N. Cycle) Prabhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
21	Fri. 1	11 ·32	2 ·01 } 3 ·96	25	20	Thur. 1	—**A** ·59	10 ·20	27	19	Tues. 1	2 ·73	... ...	—29
22	Sat. 2	12 ·23	4 ·89	26	21	Fri. 2	1 ·54	11 ·18	28	20	Wed. 2	3 ·81	17 ·02	1
23	Sun. 3	13 ·13	5 ·82	27	22	Sat. 3	2 ·51	12 ·17	—29	21	Thur. 3	4 ·90	18 ·12	2
24	Mon. ●4	14 ·02	6 ·75	28	23	Sun. 4	3 ·50	13 ·18	1	22	Fri. 4	5 ·99	19 ·22	3
		A ·91			24	Mon. 5	4 ·51	14 ·21	2	23	Sat. 5	... ...	20 ·34	4
25	Tues. 5	1 ·81	7 ·68	29	25	Tues. 6	*Sukla.* 5 ·54	15 ·26	3	24	Sun. 6	*Sukla.* 6 ·07	21 ·44	5
26	Wed. 6	2 ·72	8 ·63	—30	26	Wed. 7	6 ·59	16 ·34	4	25	Mon. 7	7 ·15	22 ·54	6
27	Thur. 7	3 ·65	9 ·58	1	27	Thur. 8	7 ·66	17 ·42	5	26	Tues. 8	8 ·21	23 ·61	7
28	Fri. 8	4 ·59	10 ·54	2	28	Fri. 9	8 ·74	18 ·52	6	27	Wed. 9	9 ·26	24 ·67	8
29	Sat. 9	5 ·54	11 ·52	3	29	Sat. 10	9 ·82	19 ·63	7	28	Thur. 10	10 ·29	25 ·72	9
30	Sun. 10	*Sukla.* 6 ·51	12 ·52	4	30	Sun. 11	10 ·91	20 ·73	8	—29	Fri. 11	11 ·28	26 ·74	10
31	Mon. 11	7 ·50	13 ·54	5	—31	Mon. 12	11 ·99	21 ·83	9	1	Sat. 12	12 ·26	27 ·74	11
—32	Tues. 12	8 ·52	14 ·58	6	1	Tues. 13	**Bhādrapada.**	22 ·93	10	2	Sun. 13	13 ·23	1 ·72	12
1	Wed. 13	9 ·55	15 ·64	7	2	Wed. 14	12 ·05	... ...	11	3	Mon. 14	14 ·18	2 ·69	13
2	Thur. 14	10 ·60	16 ·72	8	3	Thur. 15	13 ·09	23 ·00	12	4	Tues. 15	**Kārttika.**		
3	Fri. 15	11 ·67	17 ·81	9	4	Fri. 16	14 ·12	24 ·05	13	5	Wed. 16	**P** ·11	3 ·65	14
4	Sat. 16	12 ·74	18 ·91	10	5	Sat. 17	**P** ·12	25 ·08	14			1 ·03	4 ·59	15
5	Sun. 17	13 ·82	... ...	11	6	Sun. 18	1 ·10	26 ·09	15	6	Thur. 17	2 ·94	5 ·52	16
6	Mon. 18	**Āshādha.**			7	Mon. 19	2 ·06	27 ·09	16	7	Fri. 18	3 ·84	6 ·45	17
7	Tues. 19	14 ·90	19 ·03	12	8	Tues. 20	3 ·00	1 ·06	17	8	Sat. 19	4 ·74	7 ·38	18
8	Wed. 20	**P** ·98	20 ·14	13			4 ·93			9	Sun. 20	5 ·64	8 ·31	19
9	Thur. 21	... ...	21 ·23	14	9	Wed. 21	5 ·85	2 ·02 } 3 ·97 }	18	10	Mon. 21	6 ·55	9 ·26	20
10	Fri. 22	1 ·04	22 ·31	15	10	Thur. 22	6 ·76	4 ·90	19	11	Tues. 22	7 ·47	10 ·21	21
11	Sat. 23	2 ·08	23 ·38	16	11	Fri. 23	7 ·66	5 ·84	20	12	Wed. 23	8 ·40	11 ·17	22
12	Sun. 24	3 ·10	24 ·42	17	12	Sat. 24	8 ·56	6 ·77	21	13	Thur. 24	9 ·34	12 ·14	23
13	Mon. 25	4 ·09	25 ·44	18	13	Sun. 25	9 ·46	7 ·70	22	14	Fri. 25	10 ·29	13 ·14	24
14	Tues. 26	5 ·07	26 ·44	19	14	Mon. 26	10 ·36	8 ·64	23	15	Sat. 26	11 ·27	14 ·16	25
		6 ·03			15	Tues. 27	11 ·27	9 ·58	24	16	Sun. 27	12 ·26	15 ·20	26
15	Wed. 27	7 ·97	27 ·42	20	16	Wed. 28	12 ·19	10 ·54	25	17	Mon. 28	13 ·28	16 ·25	27
16	Thur. 28	8 ·09	1 ·39	21	17	Thur. 29	13 ·13	11 ·51	26	18	Tues. 29	14 ·31	17 ·33	28
17	Fri. 29	9 ·81	2 ·35	22	18	Fri. 30	14 ·08	12 ·49	27	19	Wed. 30	—**A** ·37	18 ·42	29
18	Sat. 30	10 ·71	3 ·29	23								1 ·44		
19	Sun. 31	11 ·61	4 ·23	24										
		12 ·51	5 ·16	25										
	Aug.					**Oct.**					**Dec.**			
20	Mon. 1	13 ·41	6 ·08	26	19	Sat. 1	—**A** ·06	13 ·50	28	20	Thur. 1	2 ·52	19 ·53	—30
21	Tues. 2	14 ·31	7 ·03 } 8 ·96 }	27	20	Sun. 2	1 ·05	14 ·52	29	21	Fri. 2	3 ·61	20 ·64	1
22	Wed. 3	—**A** ·21	9 ·89	28	21	Mon. 3	2 ·06	15 ·57	—30	22	Sat. 3	4 ·70	21 ·74	2
23	Thur. 4	1 ·13	10 ·87	29	22	Tues. 4	3 ·09	16 ·64	1	23	Sun. 4	5 ·78	22 ·84	3
24	Fri. 5	2 ·07	11 ·85	—30	23	Wed. 5	4 ·14	17 ·72	2	24	Mon. 5	6 ·85	23 ·92	4
25	Sat. 6	3 ·03	12 ·85	1	24	Thur. 6	*Sukla.* 5 ·21	18 ·82	3	25	Tues. 6	7 ·90	24 ·99	5
		4 ·00			25	Fri. 7	6 ·29	19 ·92	4	26	Wed. 7	*Sukla.* 8 ·92	... ...	6
26	Sun. 7	5 ·99	13 ·86	2	26	Sat. 8	7 ·38	... ...	5	27	Thur. 8	9 ·92	25 ·04	7
27	Mon. 8	*Sukla.* 6 ·99	14 ·89	3	27	Sun. 9	8 ·47	20 ·03	6	28	Fri. 9	10 ·90	26 ·06	8
28	Tues. 9	... ...	15 ·95	4	28	Mon. 10	9 ·55	21 ·14	7	29	Sat. 10	11 ·86	27 ·07	9
29	Wed. 10	7 ·02	... ...	5	29	Tues. 11	10 ·62	22 ·23	8	—30	Sun. 11	12 ·80	1 ·05	10
30	Thur. 11	8 ·07	16 ·02	6	30	Wed. 12	11 ·66	23 ·31	9	1	Mon. 12	13 ·73	2 ·03 } 3 ·98 }	11
—31	Fri. 12	9 ·14	17 ·12	7	—31	Thur. 13	12 ·68	24 ·36	10	2	Tues. 13	14 ·65	4 ·92	12
1	Sat. 13	10 ·23	18 ·22	8	1	Fri. 14	**Āśvina.** 13 ·69	25 ·40	11	3	Wed. ◯14	**P** ·56	5 ·86	13
2	Sun. 14	11 ·32	19 ·33	9	2	Sat. 15	14 ·67	26 ·42	12	4	Thur. 15	1 ·47	6 ·79	14
3	Mon. 15	12 ·40	20 ·44	10	3	Sun. 16	**P** ·63	27 ·42	13	5	Fri. 16	**Mārgaśirsha.**		
4	Tues. 16	13 ·47	21 ·53	11	4	Mon. 17	1 ·57	1 ·39	14	6	Sat. 17	2 ·37	7 ·72	15
5	Wed. 17	14 ·52	22 ·63	12	5	Tues. 18	2 ·50	2 ·35	15	7	Sun. 18	3 ·27	8 ·66	16
6	Thur. 18	**P** ·56	23 ·69	13	6	Wed. 19	3 ·42	3 ·30	16	8	Mon. 19	4 ·18	9 ·59	17
7	Fri. 19	1 ·59	24 ·75	14	7	Thur. 20	4 ·33	4 ·25	17	9	Tues. 20	5 ·09	10 ·24	18
8	Sat. 20	2 ·59	25 ·76	15	8	Fri. 21	5 ·23	5 ·18	18			6 ·02	11 ·50	19
9	Sun. 21	3 ·56	26 ·77	16	9	Sat. 22	6 ·13	6 ·11	19			7 ·96		
10	Mon. 22	4 ·52	27 ·75	17	10	Sun. 23	7 ·03 } 8 ·94 }	7 ·04 } 8 ·97 }	20	10	Wed. 21	8 ·93	12 ·47	20
11	Tues. 23	5 ·47	1 ·73	18	11	Mon. 24	9 ·85	9 ·92	21	11	Thur. 22	9 ·91	13 ·47	21
12	Wed. 24	6 ·40	2 ·69	19	12	Tues. 25	10 ·78	10 ·87	22	12	Fri. 23	10 ·91	14 ·48	22
13	Thur 25	7 ·31	3 ·63	20	13	Wed. 26	11 ·72	11 ·84	23	13	Sat. 24	11 ·92	15 ·51	23
14	Fri. 26	8 ·21	4 ·56	21	14	Thur. 27	12 ·67	12 ·82	24	14	Sun. 25	12 ·96	16 ·56	24
15	Sat. 27	9 ·11	5 ·49	22	15	Fri. 28	13 ·65	13 ·82	25	15	Mon. 26	... ...	17 ·63	25
		10 ·01			16	Sat. 29	14 ·64	14 ·84	26	16	Tues. 27	13 ·02	18 ·73	26
16	Sun. 28	11 ·91	6 ·43	23	17	Sun. 30	—**A** ·65	15 ·89	27	17	Wed. 28	14 ·09	19 ·83	27
17	Mon. 29	12 ·81	7 ·36	24	18	Mon. 31	1 ·68	16 ·95	28	18	Thur. 29	—**A** ·18	20 ·93	28
18	Tues. 30	13 ·72	8 ·20	25						19	Fri. 30	1 ·27	... ...	—29
19	Wed. 31	14 ·65	9 ·24	26						20	Sat. 31	2 ·36	21 ·04	1

Anala. **Karkataka—Ādi.** *Bahula.* **Śrāvana.** *Anala.* **Siṁha—Āvaṇi.** *Sukla.* **Āshādha.** *Bahula.* **Bhādrapada.** *Anala.* **Kanyā—Puraṭṭāśi.** *Sukla.* **Āśvina.** *Bahula.* **Kārttika.** *Anala.* **Tulā—Aippaśi.** *Sukla.* **Kārttika.** *Anala.* **Vṛiśchika—Kārttigai.** *Bahula.* **Mārgaśirsha.** *Anala.* **Dhanus—Mārgali.** *Sukla.* **Mārgaśirsha.** *Bahula.* **Pausha.**

H. 1211 *Muharram.* *H.* 1211 *Śafar.* *H.* 1211 *Rabī-ul awwal.* *H.* 1211 *Rabī-ul ākhir.* *H.* 1211 *Jamāda'l awwal.* *H.* 1211 *Jamāda'l ākhir.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Aśh. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1797.
Solar Eclipse. ●
Lunar Eclipse. ○

Mēsha Sankrānti. (Commencement of Indian Sidereal year.)
(Surya Sid.) April 9·97.
(Arya Sid.) April 9·87.

Śaka 1719.

Kaliyuga 4898.
(S. Cycle) Piṅgala.

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.						**March.**						**May.**				
21	Sun.	1	3 ·44	22 ·14	2	21	Wed.	1	3 ·82	26 ·01	2	22	Mon.	1	5 ·55	6 ·49	4
22	Mon.	2	4 ·50	23 ·23	3	22	Thur.	2	4 ·80	27 ·04	3	23	Tues.	2	6 ·45	7 ·42	5
23	Tues.	3	5 ·54	24 ·30	4	23	Fri.	3	5 ·75	1 ·04	4	24	Wed.	3	7 ·35	8 ·35	6
24	Wed.	4	6 ·56	25 ·35	5	24	Sat.	4	6 ·69	2 ·02 / 3 ·98	5	25	Thur.	4	8 ·25	9 ·29	7
25	Thur.	5	7 ·57	26 ·38	6							26	Fri.	5	9 ·15	10 ·23	8
26	Fri.	6	8 ·55	27 ·39	7	25	Sun.	5	7 ·62	4 ·93	6	27	Sat.	6	10 ·06 / 11 ·99	11 ·17	9
27	Sat.	7	9 ·51	1 ·38	8	26	Mon.	6	8 ·54	5 ·88	7						
28	Sun.	8	10 ·45	2 ·36	9	27	Tues.	7	9 ·45	6 ·81	8	28	Sun.	7	12 ·93	12 ·18	10
29	Mon.	9	11 ·38	3 ·31	10	28	Wed.	8	10 ·35	7 ·74	9	29	Mon.	8	13 ·89	13 ·10	11
1	Tues.	10	12 ·30	4 ·26	11	29	Thur.	9	11 ·25	8 ·67	10	30	Tues.	9	14 ·86	14 ·09	12
2	Wed.	11	13 ·21	5 ·20	12	30	Fri.	10	12 ·15	9 ·60	11	31	Wed.	10	P ·86	15 ·10	13
3	Thur.	12	14 ·11	6 ·13	13	1	Sat.	11	13 ·06 / 14 ·97	10 ·55	12	1	Thur.	11	1 ·88	16 ·13	14
4	Fri.	13	P ·01 / 1 ·91	7 ·07	14	2	Sun.	12	P ·89	11 ·51	13	2	Fri.	12	2 ·92	17 ·17	15
5	Sat.	14	2 ·82	8 ·00 / 9 ·93	15	3	Mon.	13	1 ·83	12 ·47	14	3	Sat.	13	3 ·98	18 ·24	16
6	Sun.	15	3 ·74	10 ·87	16	4	Tues.	14	2 ·80	13 ·44	15	4	Sun.	14	... ...	19 ·34	17
7	Mon.	16	4 ·67	11 ·83	17	5	Wed.	15	3 ·78	14 ·44	16	5	Mon.	15	4 ·05	20 ·42	18
8	Tues.	17	5 ·61	12 ·81	18	6	Thur.	16	4 ·77	15 ·46	17	6	Tues.	16	5 ·13	21 ·54	19
9	Wed.	18	6 ·57	13 ·79	19	7	Fri.	17	5 ·80	16 ·50	18	7	Wed.	17	6 ·21	22 ·65	20
10	Thur.	19	7 ·55	14 ·80	20	8	Sat.	18	6 ·85	17 ·56	19	8	Thur.	18	7 ·30	23 ·75	21
11	Fri.	20	8 ·55	15 ·82	21	9	Sun.	19	7 ·91	18 ·63	20	9	Fri.	19	8 ·36	24 ·84	22
12	Sat.	21	9 ·57	16 ·87	22	10	Mon.	20	8 ·98	19 ·73	21	10	Sat.	20	9 ·41	25 ·92	23
13	Sun.	22	10 ·61	17 ·95	23	11	Tues.	21	... ...	20 ·83	22	11	Sun.	21	10 ·44	26 ·97	24
14	Mon.	23	11 ·67	... ...	24	12	Wed.	22	9 ·06	21 ·94	23	12	Mon.	22	11 ·46	... ...	25
15	Tues.	24	12 ·74	18 ·03	25	13	Thur.	23	10 ·15	... ...	24	13	Tues.	23	12 ·46	27 ·00	26
16	Wed.	25	13 ·83	19 ·13	26	14	Fri.	24	11 ·23	22 ·05	25	14	Wed.	24	13 ·44	1 ·01	27
17	Thur.	26	14 ·92	20 ·23	27	15	Sat.	25	12 ·30	23 ·14	26	15	Thur.	25	14 ·39	2 ·01 / 3 ·98	28
18	Fri.	27	... ...	21 ·34	28	16	Sun.	26	13 ·36	24 ·22	27	16	Fri.	26	A ·32	4 ·94	29
19	Sat.	28	A ·01	22 ·45	29	17	Mon.	27	14 ·39	25 ·29	28	17	Sat.	27	1 ·24	5 ·89	30
20	Sun.	29	1 ·09	23 ·54	30	18	Tues.	28	A ·41	26 ·34	29	18	Sun.	28	2 ·15	6 ·83	1
21	Mon.	30	2 ·15	24 ·61	1	19	Wed.	29	1 ·40	27 ·36	30	19	Mon.	29	3 ·05 / 4 ·95	7 ·78	2
22	Tues.	31	3 ·19	25 ·67	2	20	Thur.	30	2 ·38	1 ·36	1	20	Tues.	30	5 ·85	8 ·70	3
	Feb.					21	Fri.	31	3 ·33	2 ·35	2	21	Wed.	31	6 ·75	9 ·68	4
23	Wed.	1	4 ·21	26 ·70	3		**April.**						**June.**				
24	Thur.	2	5 ·21	27 ·71	4	22	Sat.	1	4 ·27	3 ·31	3	22	Thur.	1	7 ·65	10 ·56	5
25	Fri.	3	6 ·19	1 ·71	5	23	Sun.	2	5 ·20	4 ·28	4	23	Fri.	2	8 ·57	11 ·50	6
26	Sat.	4	7 ·14	2 ·69	6	24	Mon.	3	6 ·12	5 ·22	5	24	Sat.	3	9 ·50	12 ·46	7
27	Sun.	5	8 ·08	3 ·65	7	25	Tues.	4	7 ·02 / 8 ·92	6 ·15	6	25	Sun.	4	10 ·43	13 ·43	8
28	Mon.	6	9 ·01 / 10 ·93	4 ·60	8	26	Wed.	5	9 ·82	7 ·08	7	26	Mon.	5	11 ·39	14 ·42	9
29	Tues.	7	11 ·84	5 ·53	9	27	Thur.	6	10 ·72	8 ·01 / 9 ·95	8	27	Tues.	6	12 ·36	15 ·42	10
30	Wed.	8	12 ·74	6 ·47	10	28	Fri.	7	11 ·63	10 ·89	9	28	Wed.	7	13 ·36	16 ·44	11
1	Thur.	9	13 ·64	7 ·40	11	29	Sat.	8	12 ·54	11 ·84	10	29	Thur.	8	14 ·37	17 ·48	12
2	Fri.	10	14 ·54	8 ·33	12	30	Sun.	9	13 ·46	12 ·79	11	30	Fri. ○	9	P ·41	18 ·56	13
3	Sat.	11	P ·45	9 ·27	13	1	Mon.	10	14 ·40	13 ·77	12	31	Sat.	10	1 ·46	19 ·64	14
4	Sun.	12	1 ·37	10 ·21	14	2	Tues.	11	P ·36	14 ·76	13	1	Sun.	11	2 ·52	20 ·73	15
5	Mon.	13	2 ·30	11 ·17	15	3	Wed.	12	1 ·34	15 ·78	14	2	Mon.	12	3 ·60	21 ·84	16
6	Tues.	14	3 ·24	12 ·14	16	4	Thur.	13	2 ·34	16 ·81	15	3	Tues.	13	4 ·69	22 ·95	17
7	Wed.	15	4 ·21	13 ·12	17	5	Fri.	14	3 ·37	17 ·87	16	4	Wed.	14	5 ·77	... ...	18
8	Thur.	16	5 ·19	14 ·12	18	6	Sat.	15	4 ·41	18 ·94	17	5	Thur.	15	6 ·84	23 ·06	19
9	Fri.	17	6 ·18	15 ·14	19	7	Sun.	16	5 ·46	... ...	18	6	Fri.	16	7 ·90	24 ·15	20
10	Sat.	18	7 ·20	16 ·19	20	8	Mon.	17	6 ·53	19 ·03	19	7	Sat.	17	8 ·94	25 ·22	21
11	Sun.	19	8 ·24	17 ·25	21	9	Tues.	18	7 ·61	20 ·14	20	8	Sun.	18	9 ·95	26 ·28	22
12	Mon.	20	9 ·30	18 ·33	22	10	Wed.	19	8 ·70	21 ·24	21	9	Mon.	19	10 ·94	27 ·32	23
13	Tues.	21	10 ·38	19 ·43	23	11	Thur.	20	9 ·78	22 ·35	22	10	Tues.	20	11 ·92	1 ·33	24
14	Wed.	22	11 ·46	20 ·53	24	12	Fri.	21	10 ·85	23 ·44	23	11	Wed.	21	12 ·87	2 ·34	25
15	Thur.	23	12 ·55	21 ·64	25	13	Sat.	22	11 ·90	24 ·53	24	12	Thur.	22	13 ·81	3 ·31	26
16	Fri.	24	13 ·63	22 ·75	26	14	Sun.	23	12 ·93	25 ·61	25	13	Fri.	23	14 ·73	4 ·28	27
17	Sat.	25	14 ·70	23 ·84	27	15	Mon.	24	13 ·95	26 ·65	26	14	Sat.	24	A ·64	5 ·23	28
18	Sun.	26	A ·76	24 ·92	28	16	Tues.	25	14 ·95	27 ·68	27	15	Sun.	25	1 ·54	6 ·16	29
19	Mon.	27	1 ·81	25 ·98	29	17	Wed.	26	A ·93	1 ·69	28	16	Mon.	26	2 ·44	7 ·11	1
20	Tues.	28	2 ·83	... ...	1	18	Thur.	27	1 ·88	2 ·67	29	17	Tues.	27	3 ·34	8 ·04 / 9 ·97	2
						19	Fri.	28	2 ·82	3 ·65	1	18	Wed	28	4 ·24	10 ·90	3
						20	Sat.	29	3 ·74	4 ·61	2	19	Thur.	29	5 ·14	11 ·84	4
						21	Sun.	30	4 ·65	5 ·55	3	20	Fri	30	6 ·05 / 7 ·97	12 ·80	5

Anala. **Kumbha—Māsi.** *Pingala.* **Mēsha—Chaitrai.** *Anala.* **Mina—Paṅguni.** *Pingala.* **Vrishabha—Vaigāsi.** *Pingala.* **Mithuna—Āni.**

Sukla. **Pausha.** *Bahula.* *Sukla.* **Māgha.** *Bahula.* *Sukla.* **Phālguna.** *Bahula.* *Sukla.* **Chaitra.** *Bahula.* *Sukla.* **Vaiśākha.** *Bahula.* *Sukla.* **Jyeshṭha.** *Bahula.* *Sukla.* **Āshāḍha.** *Bahula.*

H. 1211 *Rajab.* *H.* 1211 *Shaʿbān.* *H.* 1211 *Ramazān.* *H.* 1211 *Shawwāl.* *H.* 1211 *Zi-l-ka'da.* *H.* 1211 *Zi-l-hijja.*

Naksh:—1. Asvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1797. **Kollam 973,** { **N. Malabar—Sep.** **Hijra 1212.** **Vikrama 1854.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 26.** **Bengal San. 1203.**
P—Paurnimā. **(N. Cycle) Vibhava.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
21	Sat. 1	8 ·91	13 ·76	6	20	Fri. 1	11 ·98	20 ·63	9	19	Wed. 1	12 ·51	26 ·88	11
22	Sun. 2	9 ·86	14 ·74	7	21	Sat. 2	... ...	21 ·74	10	20	Thur. 2	13 ·55	27 ·89	12
23	Mon. 3	10 ·83	15 ·74	8	22	Sun. 3	12 ·06	22 ·85	11	21	Fri. 3	14 57	1 ·93	13
24	Tues. 4	11 ·83	16 ·76	9	23	Mon. 4	13 ·15	23 ·95	12	22	Sat. 4	P ·58	2 ·96	14
25	Wed. 5	12 ·84	17 ·80	10	24	Tues. 5	14 ·23	... ...	13	23	Sun. 5	1 ·56	3 ·96	15
26	Thur. 6	13 ·88	18 ·86	11	25	Wed. 6	P ·30	24 ·05	14	24	Mon. 6	2 ·52	4 ·94	16
27	Fri. 7	14 ·93	19 ·94	12	26	Thur. 7	1 ·36	25 ·14	15	25	Tues. 7	3 ·46	5 ·90	17
28	Sat. 8	... ...	... ...	13	27	Fri. 8	2 ·41	26 ·22	16	26	Wed. 8	4 ·39	6 ·86	18
29	Sun. 9	P ·00	20 ·03	14	28	Sat. 9	3 ·43	27 ·27	17	27	Thur. 9	5 ·31	7 ·80	19
30	Mon. 10	1 ·08	21 ·14	15	29	Sun. 10	4 ·42	1 ·30	18	28	Fri. 10	6 ·22	8 ·74	20
31	Tues. 11	2 ·17	22 ·25	16	30	Mon. 11	5 ·40	2 ·31	19	29	Sat. 11	7 ·12	9 ·67	21
32	Wed. 12	3 ·25	23 ·36	17	31	Tues. 12	6 ·36	3 ·30	20			8 ·02		
1	Thur. 13	4 ·32	24 ·46	18	1	Wed. 13	7 ·31	4 ·28	21	30	Sun. 12	9 ·92	10 ·60	22
2	Fri. 14	5 ·37	25 ·53	19	2	Thur. 14	8 ·24	5 ·24	22	1	Mon. 13	10 ·83	11 ·53	23
3	Sat. 15	6 ·41	26 ·59	20	3	Fri. 15	9 ·16	6 ·18	23	2	Tues. 14	11 ·75	12 ·47	24
4	Sun. 16	7 ·43	27 ·63	21	4	Sat. 16	10 ·06	7 ·12	24	3	Wed. 15	12 ·68	13 ·48	25
5	Mon. 17	8 ·42	1 ·66	22			11 ·96			4	Thur. 16	13 ·62	14 ·39	26
6	Tues. 18	9 ·40	2 ·66	23	5	Sun. 17	12 ·86	8 ·05	25	5	Fri. 17	14 ·57	15 ·36	27
7	Wed. 19	10 ·35	3 ·64	24				9 ·99		6	Sat. 18	A ·55	16 ·36	28
8	Thur. 20	11 ·29	4 ·61	25	6	Mon. 18	13 ·76	10 ·92	26	7	Sun. 19	1 ·55	17 ·37	29
9	Fri. 21	12 ·22	5 ·56	26	7	Tues. 19	14 ·66	11 ·86	27	8	Mon. 20	2 ·56	18 ·41	30
10	Sat. 22	13 ·13	6 ·51	27	8	Wed. 20	A ·57	12 ·80	28	9	Tues. 21	3 ·60	19 ·47	1
11	Sun. 23	14 ·03	7 ·44	28	9	Thur. 21	1 ·49	13 ·76	29	10	Wed. 22	4 ·66	20 ·55	2
12	Mon. 24	A ·93	8 ·37	29	10	Fri. 22	2 ·43	14 ·72	30	11	Thur. 23	5 ·74	21 ·64	3
13	Tues. 25	1 ·83	9 ·30	30	11	Sat. 23	3 ·38	15 ·71	1	12	Fri. 24	6 ·82	22 ·74	4
14	Wed. 26	2 ·73	10 ·24	1	12	Sun. 24	4 ·36	16 ·72	2	13	Sat. 25	7 ·91	23 ·86	5
15	Thur. 27	3 ·63	11 ·18	2	13	Mon. 25	5 ·35	17 ·74	3	14	Sun. 26	... ...	24 ·96	6
16	Fri. 28	4 ·54	12 ·13	3	14	Tues. 26	6 ·36	18 ·79	4	15	Mon. 27	8 ·00	... ...	7
17	Sat. 29	5 ·45	13 ·09	4	15	Wed. 27	7 ·40	19 ·85	5	16	Tues. 28	9 ·07	25 ·06	8
18	Sun. 30	6 ·39	14 ·07	5	16	Thur. 28	8 ·46	20 ·94	6	17	Wed. 29	10 ·18	26 ·14	9
19	Mon. 31	7 ·34	15 ·06	6	17	Fri. 29	9 ·53	... ...	7	18	Thur. 30	11 ·18	27 ·20	10
		8 ·32			18	Sat. 30	10 ·62	21 ·04	8					
	Aug.					**Oct.**					**Dec.**			
20	Tues. 1	9 ·31	16 ·08	7	19	Sun. 1	11 ·70	22 ·15	9	19	Fri. 1	12 ·21	1 ·25	11
21	Wed. 2	10 ·33	17 ·12	8	20	Mon. 2	12 ·78	23 ·25	10	20	Sat. 2	13 ·20	2 ·28	12
22	Thur. 3	11 ·36	18 ·17	9	21	Tues. 3	13 ·85	24 ·35	11	21	Sun. 3	14 ·18	3 ·28	13
23	Fri. 4	12 ·41	19 ·24	10	22	Wed. 4	14 ·91	25 ·45	12	22	Mon. ○ 4	P ·14	4 ·27	14
24	Sat. 5	13 ·48	20 ·33	11	23	Thur. 5	P ·96	26 ·53	13	23	Tues. 5	1 ·08	5 24	15
25	Sun. 6	14 ·56	21 ·43	12	24	Fri. 6	1 ·98	27 ·58	14			2 ·01		
26	Mon. 7	P ·65	22 ·55	13	25	Sat. 7	2 ·98	1 ·62	15	24	Wed. 6	3 ·93	6 ·19	16
27	Tues. 8	1 ·73	23 ·65	14	26	Sun. 8	3 ·96	2 ·63	16	25	Thur. 7	4 ·84	7 ·14	17
28	Wed. 9	2 ·80	24 ·75	15	27	Mon. 9	4 ·93	3 ·63	17	26	Fri. 8	5 ·75	8 ·08	18
29	Thur. 10	3 ·85	25 ·83	16	28	Tues. 10	5 ·87	4 ·61	18				9 ·01	
30	Fri. 11	4 ·89	26 ·90	17	29	Wed. 11	6 ·80	5 ·57	19	27	Sat. 9	6 ·65	10 ·94	19
31	Sat. 12	5 ·92	27 ·96	18	30	Thur. 12	7 ·71	6 ·52	20	28	Sun. 10	7 ·55	11 ·87	20
1	Sun. 13	6 ·91	1 ·98	19	31	Fri. 13	8 ·62	7 ·46	21	29	Mon. 11	8 ·45	12 ·81	21
2	Mon. 14	7 ·89	2 ·99	20	1	Sat. 14	9 ·52	8 ·40	22	1	Tues. 12	9 ·37	13 ·76	22
3	Tues. 15	8 ·85	3 ·97	21	2	Sun. 15	10 ·42	9 ·33	23	2	Wed. 13	10 ·30	14 ·72	23
4	Wed. 16	9 ·79	4 ·94	22	3	Mon. 16	11 ·32	10 ·26	24	3	Thur. 14	11 ·25	15 ·69	24
5	Thur. 17	10 ·71	5 ·90	23	4	Tues. 17	12 ·22	11 ·19	25	4	Fri. 15	12 ·21	16 ·68	25
6	Fri. 18	11 ·62	6 ·85	24	5	Wed. 18	13 ·13	12 ·13	26	5	Sat. 16	13 ·19	17 ·70	26
7	Sat. 19	12 ·53	7 ·78	25	6	Thur. 19	14 ·06	13 ·08	27	6	Sun. 17	14 ·19	18 ·73	27
8	Sun. 20	13 ·43	8 ·71	26	7	Fri. 20	A ·00	14 ·06	28	7	Mon. 18	A ·20	19 ·78	28
9	Mon. 21	14 ·33	9 ·64	27			1 ·96			8	Tues. 19	1 ·25	20 ·85	29
10	Tues. 22	A ·28	10 ·58	28	8	Sat. 21	2 ·94	15 ·04	29	9	Wed. 20	2 ·31	21 ·94	1
11	Wed. 23	1 ·14	11 ·52	29	9	Sun. 22	3 ·94	16 ·04	1	10	Thur. 21	3 ·39	... ...	2
12	Thur. 24	2 ·05	12 ·47	1	10	Mon. 23	4 ·95	17 ·06	2	11	Fri. 22	4 ·47	22 ·04	3
		3 ·97			11	Tues. 24	5 ·99	18 ·10	3	12	Sat. 23	5 ·56	23 ·15	4
13	Fri. 25	4 ·90	13 ·42	2	12	Wed. 25	... ...	19 ·17	4	13	Sun. 24	6 ·65	24 ·26	5
14	Sat. 26	5 ·85	14 ·39	3	13	Thur. 26	6 ·04	20 ·25	5	14	Mon. 25	7 ·72	25 ·36	6
15	Sun. 27	6 ·82	15 ·39	4	14	Fri. 27	7 ·11	21 ·34	6	15	Tues. 26	8 ·78	26 ·44	7
16	Mon. 28	7 ·81	16 ·40	5	15	Sat. 28	8 ·19	22 ·44	7	16	Wed. 27	9 ·83	27 ·51	8
17	Tues. 29	8 ·82	17 ·43	6	16	Sun. 29	9 ·28	23 ·55	8	17	Thur. 28	10 ·85	1 ·57	9
18	Wed. 30	9 ·86	18 ·48	7	17	Mon. 30	10 ·37	24 ·66	9	18	Fri. 29	11 ·84	2 ·60	10
19	Thur. 31	10 ·91	19 ·55	8	18	Tues. 31	11 ·45	25 ·76	10	19	Sat. 30	12 ·82	3 ·61	11
										20	Sun. 31	13 ·79	4 ·60	12

Piṅgala. **Karkaṭaka—Āḍi.** *Bahula.* *Sukla.* *H.* 1212 *Muharram.*

Piṅgala. **Siṁha—Āvaṇi.** *Bahula.* *Sukla.* *H.* 1212 *Safar.*

Piṅgala. **Kanyā—Puraṭṭāsi.** *Bahula.* *Sukla.* *H.* 1212 *Rabi-ul awwal.*

Piṅgala. **Tulā—Aippaśi.** *Bahula.* *Sukla.* *H.* 1212 *Rabi-ul ākhir.*

Piṅgala. **Vṛśchika—Kārttigai.** *Bahula.* *Sukla.* *H.* 1212 *Jamāda'l awwal.*

Piṅgala. **Dhanus—Mārgali.** *Bahula.* *Sukla.* *H.* 1212 *Jamāda'l ākhir.*

Śrāvaṇa. **Āśvina.** **Kārt.** **Mārgaśirsha.** **Pausha.** *H.* 1212 *Rajab.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

A.D. 1798. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● **(Surya Sid.) April 10·23.** **Śaka 1720.** **Kaliyuga 4899.**
Lunar Eclipse. ○ **(Arya Sid.) April 10·13.** **(S. Cycle) Kālayukta.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	Jan.					**March.**					**May.**			
21	Mon. 1	14 ·73	5 ·57	13	21	Thur. 1	14 ·64	9 ·03	13	22	Tues. 1	1 ·24	16 ·32	15
22	Tues. 2	**P** ·66	6 ·53	14				10 ·96		23	Wed. 2	2 ·20	17 ·30	16
23	Wed. 3	1 ·57	7 ·48	15	22	Fri. 2	**P** ·54	11 ·89	14	24	Thur. 3	3 ·18	18 ·32	17
24	Thur. 4	2 ·48	8 ·41	16	23	Sat. 3	1 ·44	12 ·82	15	25	Fri. 4	4 ·18	19 ·35	18
25	Fri. 5	**Pausha.** 3 ·39	9 ·35	17	24	Sun. 4	2 ·34	13 ·76	16	26	Sat. 5	5 ·20	20 ·39	19
26	Sat. 6	4 ·29	10 ·28	18	25	Mon. 5	3 ·25	14 ·71	17	27	Sun. 6	6 ·24	21 ·46	20
27	Sun. 7	5 ·19	11 ·22	19	26	Tues. 6	4 ·18	15 ·68	18	28	Mon. 7	7 ·30	22 ·55	21
28	Mon. 8	6 ·10	12 ·15	20	27	Wed. 7	5 ·13	16 ·66	19	29	Tues. 8	8 ·37	23 ·66	22
29	Tues. 9	7 ·01	13 ·09	21	28	Thur. 8	6 ·10	17 ·66	20	30	Wed. 9	9 ·46	24 ·76	23
		8 ·94			29	Fri. 9	7 ·08	18 ·67	21	—31	Thur. 10	10 ·54	25 ·87	24
—30	Wed. 10	9 ·89	14 ·05	22	—30	Sat. 10	8 ·08	19 ·71	22	1	Fri. 11	11 ·61	26 ·97	25
1	Thur. 11	10 ·86	15 ·02	23	1	Sun. 11	9 ·11	20 ·78	23	2	Sat. 12	12 ·68	... ...	26
2	Fri. 12	11 ·84	16 ·01	24	2	Mon. 12	10 ·15	21 ·85	24	3	Sun. 13	13 ·74	27 ·05	27
3	Sat. 13	12 ·83	17 ·02	25	3	Tues. 13	11 ·21	22 ·95	25	4	Mon. 14	—14 ·77	1 ·14	28
4	Sun. 14	13 ·85	18 ·04	26	4	Wed. 14	12 ·28	... ...	26	5	Tues. 15	**A** ·78	2 ·19	29
5	Mon. 15	14 ·89	19 ·09	27	5	Thur. 15	13 ·37	23 ·05	27	6	Wed. 16	1 ·77	3 ·22	—30
6	Tues. 16	—**A** ·95	20 ·16	28	6	Fri. 16	14 ·46	24 ·15	28	7	Thur. 17	2 ·75	4 ·23	1
7	Wed. 17	... ...	21 ·24	29	7	Sat. 17	—**A** ·54	25 ·27	29	8	Fri. 18	3 ·70	5 ·22	2
8	Thur. 18	1 ·03	22 ·35	— 30	8	Sun. 18	1 ·61	26 ·36	—30	9	Sat. 19	4 ·63	6 ·19	3
9	Fri. 19	2 ·18	23 ·45	1	9	Mon. 19	2 ·66	27 ·44	1	10	Sun. 20	5 ·55	7 ·16	4
10	Sat. 20	3 ·22	24 ·56	2	10	Tues. 20	3 ·70	1 ·51	2	11	Mon. 21	6 ·46	8 ·11	5
11	Sun. 21	4 ·30	25 ·66	3	11	Wed. 21	4 ·71	2 ·55	3				9 ·05	
12	Mon. 22	5 ·38	26 ·75	4	12	Thur. 22	5 ·71	3 ·58	4	12	Tues. 22	7 ·36	10 ·98	6
13	Tues. 23	6 ·43	27 ·83	5	13	Fri. 23	6 ·68	4 ·58	5	13	Wed. 23	8 ·26	11 ·91	7
14	Wed. 24	7 ·47	1 ·89	6	14	Sat. 24	7 ·64	5 ·57	6	14	Thur. 24	9 ·16	12 ·85	8
15	Thur. 25	8 ·49	2 ·92	7	15	Sun. 25	8 ·58	6 ·53	7			10 ·06		
16	Fri. 26	9 ·48	3 ·93	8	16	Mon. 26	9 ·50	7 ·48	8	15	Fri. 25	11 ·97	13 ·78	9
17	Sat. 27	10 ·46	4 ·92	9	17	Tues. 27	10 ·41	8 ·44	9	16	Sat. 26	12 ·88	14 ·72	10
18	Sun. 28	11 ·43	5 ·91	10	18	Wed. 28	11 ·31	9 ·37	10	17	Sun. 27	13 ·81	15 ·68	11
19	Mon. 29	12 ·37	6 ·87	11	19	Thur. 29	12 ·21	10 ·30	11	18	Mon. 28	14 ·75	16 ·64	12
20	Tues. 30	13 ·29	7 ·81	12	20	Fri. 30	13 ·11	11 ·23	12	19	Tues. ○29	**P** ·71	17 ·64	13
21	Wed. 31	14 ·21	8 ·75	13			14 ·01			20	Wed. 30	1 ·69	18 ·64	14
					21	Sat. 31	**P** 92	12 ·16	13	21	Thur. 31	2 ·68	19 ·66	15
	Feb.					**April.**					**June.**			
22	Thur. 1	**P** ·11	9 ·68	14	22	Sun. 1	1 ·84	13 ·10	14	22	Fri. 1	3 ·70	20 ·70	16
23	Fri. 2	1 ·01	10 ·62	15	23	Mon. 2	2 ·76	14 ·06	15	23	Sat. 2	4 ·74	21 ·77	17
		2 ·91						15 ·01		24	Sun. 3	5 ·80	22 ·86	18
24	Sat. 3	3 ·82	11 ·55	16	24	Tues. 3	3 ·70	16 ·99	16	25	Mon. 4	6 ·87	23 ·95	19
25	Sun. 4	4 ·73	12 ·49	17	25	Wed. 4	4 ·67	17 ·98	17	26	Tues. 5	7 ·95	... ...	20
26	Mon. 5	5 ·64	13 ·43	18	26	Thur. 5	5 ·65	18 ·99	18	27	Wed. 6	... ...	24 ·06	21
27	Tues. 6	6 ·57	14 ·38	19	27	Fri. 6	6 ·65	... ...	19	28	Thur. 7	8 ·04	25 ·16	22
28	Wed. 7	7 ·52	15 ·36	20	28	Sat. 7	7 ·68	19 ·03	20	29	Fri. 8	9 ·12	26 ·27	23
—29	Thur. 8	8 ·49	16 ·34	21	29	Sun. 8	8 ·72	20 ·09	21	30	Sat. 9	10 ·18	27 ·36	24
1	Fri. 9	9 ·47	17 ·34	22	—30	Mon. 9	9 ·78	21 ·16	22	—31	Sun. 10	11 ·23	1 ·44	25
2	Sat. 10	10 ·47	18 ·36	23	1	Tues. 10	10 ·85	22 ·25	23	1	Mon. 11	12 ·26	2 ·50	26
3	Sun. 11	11 ·50	19 ·40	24	2	Wed. 11	11 ·93	23 ·35	24	2	Tues. 12	13 ·27	3 ·54	27
4	Mon. 12	12 ·54	20 ·46	25	3	Thur. 12	... ...	24 ·46	25	3	Wed. 13	14 ·26	4 ·55	28
5	Tues. 13	13 ·60	21 ·55	26	4	Fri. 13	12 ·02	25 ·57	26	4	Thur. 14	—**A** ·24	5 ·55	—29
6	Wed. 14	14 ·67	22 ·65	27	5	Sat. 14	13 ·10	26 ·67	27	5	Fri. 15	1 ·19	6 ·53	1
7	Thur. 15	—**A** ·76	23 ·75	28	6	Sun. 15	14 ·17	27 ·75	28	6	Sat. 16	2 ·13	7 ·50	2
8	Fri. 16	1 ·85	24 ·86	—29	7	Mon. 16	—**A** ·22	1 ·82	—29			3 ·05		
9	Sat. 17	2 ·93	25 ·96	1	8	Tues. 17	1 ·26	2 ·87	1	7	Sun. 17	4 ·96	8 ·44	3
10	Sun. 18	... ..	.. ..	2	9	Wed. 18	2 ·27	3 ·90	2	8	Mon. 18	5 ·86	9 ·38	4
11	Mon. 19	3 ·00	26 ·08	3	10	Thur. 19	3 ·26	4 ·91	3	9	Tues. 19	6 ·76	10 ·32	5
12	Tues. 20	4 ·06	27 ·14	4	11	Fri. 20	4 ·23	5 ·89	4	10	Wed. 20	7 ·66	11 ·26	6
13	Wed. 21	5 ·10	1 ·20	5	12	Sat. 21	5 ·19	6 ·86	5	11	Thur. 21	8 ·56	12 ·19	7
14	Thur. 22	6 ·12	2 ·23	6	13	Sun. 22	6 ·12	7 ·82	6	12	Fri. 22	9 ·46	13 ·12	8
15	Fri. 23	7 ·12	3 ·25	7			7 ·04			13	Sat. 23	10 ·37	14 ·06	9
16	Sat. 24	8 ·09	4 ·26	8	14	Mon. 23	8 ·95	8 ·77	7				15 ·00	
		9 ·04								14	Sun. 24	11 ·29	16 ·98	10
17	Sun. 25	10 ·98	5 ·24	9	15	Tues. 24	9 ·86	9 ·71	8				18 ·95	
18	Mon. 26	11 ·90	6 ·20	10	16	Wed. 25	10 ·76	10 ·64	9	15	Mon. 25	12 ·28	17 ·96	11
19	Tues. 27	12 ·82	7 ·15	11	17	Thur. 26	11 ·66	11 ·57	10	16	Tues. 26	13 ·18	18 ·96	12
20	Wed. 28	13 ·73	8 ·09	12	18	Fri. 27	12 ·58	12 ·50	11	17	Wed. 27	14 ·16	19 ·98	13
					19	Sat. 28	13 ·46	13 ·45	12	18	Thur. 28	**P** ·15	... ...	14
					20	Sun. 29	14 ·37	14 ·39	13	19	Fri. 29	1 ·17	20 ·01	15
					21	Mon. 30	**P** ·30	15 ·35	14	20	Sat. 30	2 ·21	21 ·07	16

Piṅgala. **Makara—Tai.** *Śukla.* *Bahula.* *H.* 1212 *Śha'bān.* *H.* 1212 *Rajab.*

Piṅgala. **Kumbha—Māgh.** *Śukla.* *Bahula.* *H.* 1212 *Ramazān.* *H.* 1212 *Shawwāl.*

Kālayukta. **Mēsha—Chittirai.** *Śukla.* *Bahula.* *H.* 1212 *Zi-l-ka'da.* *H.* 1212 *Zi-l-hijja.*

Kālayukta. **Vrishabha—Vaigāsi.** *Śukla.* *Bahula.* *H.* 1212 *Zi-l-hijja.* *H.* 1213 *Muharram.*

Kālayukta. **Mithuna—Āni.** *Śukla.* *Bahula.* *H.* 1213 *Muharram.*

Naksh:—1. Aśvin. 2. Bhar. 3. Krit. 4. Rohi. 5. Mrig. 6. Ardrā 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Phal. 25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1798. **Kollam 974,** { **N. Malabar—Sep.** **Hijra 1213.** **Vikrama 1855.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 15.** **Bengal San. 1204.**
P—Paurnimā. **(N. Cycle) Śukla.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.						**Sep.**						**Nov.**				
21	Sun.	1		22 ·16	17	19	Sat.	1	6 ·72	2 ·43	20	19	Thur.	1	8 ·68	8 ·12	22
22	Mon.	2	4 ·34	23 ·25	18	20	Sun.	2	7 ·74	3 ·49	21	20	Fri.	2	9 ·59	9 ·07	23
23	Tues.	3	5 ·42	24 ·36	19	21	Mon.	3	8 ·74	4 ·52	22	21	Sat.	3	10 ·50	10 ·01 / 11 ·95	24
24	Wed.	4	6 ·50	25 ·46	20	22	Tues.	4	9 ·71	5 ·53	23						
25	Thur.	5	7 ·58	26 ·57	21	23	Wed.	5	10 ·67	6 ·52	24	22	Sun.	4	11 ·40	12 ·89	25
26	Fri.	6	8 ·65	27 ·67	22	24	Thur.	6	11 ·61	7 ·49	25	23	Mon.	5	12 ·30	13 ·82	26
27	Sat.	7	9 ·70	1 ·75	23	25	Fri.	7	12 ·54	8 ·46	26	24	Tues.	6	13 ·20	14 ·75	27
28	Sun.	8	10 ·74	2 ·81	24	26	Sat.	8	13 ·45	9 ·40	27	25	Wed.	7	14 ·11	15 ·69	28
29	Mon.	9	11 ·75	3 ·85	25	27	Sun.	9	14 ·35	10 ·34	28	26	Thur.	8	A ·03 / 1 ·96	16 ·64	29
30	Tues.	10	12 ·75	4 ·87	26	28	Mon.	10	A ·25	11 ·27	29						
31	Wed.	11	13 ·71	5 ·88	27	29	Tues.	11	1 ·15	12 ·20	30	27	Fri.	9	2 ·90	17 ·61	30
32	Thur.	12	14 ·67	6 ·86	28	30	Wed.	12	2 ·05 / 3 ·96	13 ·13	1	28	Sat.	10	3 ·86	18 ·58	1
1	Fri.	13	A ·61	7 ·83	29	31	Thur.	13	4 ·88	14 ·08	2	29	Sun.	11	4 ·84	19 ·58	2
2	Sat.	14	1 ·53	8 ·78	30	1	Fri.	14	5 ·80	15 ·02 / 16 ·97	3	30	Mon.	12	5 ·84	20 ·59	3
3	Sun.	15	2 ·44	9 ·72	1							1	Tues.	13	6 ·86	21 ·63	4
4	Mon.	16	3 ·34	10 ·66	2	2	Sat.	15	6 ·74	17 ·94	4	2	Wed.	14	7 ·90	22 ·68	5
5	Tues.	17	4 ·24	11 ·59	3	3	Sun.	16	7 ·69	18 ·92	5	3	Thur.	15	8 ·96	23 ·77	6
6	Wed.	18	5 ·14	12 ·52	4	4	Mon.	17	8 ·66	19 ·94	6	4	Fri.	16	... ...	24 ·86	7
7	Thur.	19	6 ·04 / 7 ·94	13 ·46	5	5	Tues.	18	9 ·66	20 ·96	7	5	Sat.	17	9 ·03	25 ·96	8
8	Fri.	20	8 ·85	14 ·39	6	6	Wed.	19	10 ·67	... ...	8	6	Sun.	18	10 ·12	... ...	9
9	Sat.	21	9 ·77	15 ·35	7	7	Thur.	20	11 ·71	21 ·01	9	7	Mon.	19	11 ·21	26 ·07	10
10	Sun.	22	10 ·71	16 ·31	8	8	Fri.	21	12 ·77	22 ·07	10	8	Tues.	20	12 ·29	27 ·17	11
11	Mon.	23	11 ·66	17 ·29	9	9	Sat.	22	13 ·84	23 ·15	11	9	Wed.	21	13 ·37	1 ·28	12
12	Tues.	24	12 ·64	18 ·28	10	10	Sun.	23	14 ·92	24 ·26	12	10	Thur.	22	14 ·43	2 ·36	13
13	Wed.	25	13 ·64	19 ·29	11	11	Mon.	24	... ...	25 ·37	13	11	Fri.	23	P ·48	3 ·42	14
14	Thur.	26	14 ·66	20 ·33	12	12	Tues.	25	P ·00	26 ·47	14	12	Sat.	24	1 ·49	4 ·47	15
15	Fri.	27	P ·69	21 ·39	13	13	Wed.	26	1 ·09	27 ·57	15	13	Sun.	25	2 ·48	5 ·49	16
16	Sat.	28	1 ·74	22 ·46	14	14	Thur.	27	2 ·17	1 ·66	16	14	Mon.	26	3 ·46	6 ·50	17
17	Sun.	29	2 ·81	23 ·55	15	15	Fri.	28	3 ·23	2 ·74	17	15	Tues.	27	4 ·42	7 ·49	18
18	Mon.	30	3 ·89	24 ·65	16	16	Sat.	29	4 ·26	3 ·80	18	16	Wed.	28	5 ·37	8 ·46	19
19	Tues.	31	4 ·98	25 ·76	17	17	Sun.	30	5 ·28	4 ·84	19	17	Thur.	29	6 ·30	9 ·41	20
	Aug.						**Oct.**					18	Fri.	30	7 ·22	10 ·35	21
20	Wed.	1	... ...	26 ·87	18	18	Mon.	1	6 ·28	5 ·85	20		**Dec.**				
21	Thur.	2	5 ·06	27 ·97	19	19	Tues.	2	7 ·26	6 ·84	21	19	Sat.	1	8 ·13	11 ·30	22
22	Fri.	3	6 ·13	... ...	20	20	Wed.	3	8 ·22	7 ·82	22	20	Sun.	2	9 ·03 / 10 ·93	12 ·23	23
23	Sat.	4	7 ·18	1 ·06	21	21	Thur.	4	9 ·16	8 ·79	23	21	Mon.	3	11 ·83	13 ·16	24
24	Sun.	5	8 ·22	2 ·12	22	22	Fri.	5	10 ·09	9 ·74	24	22	Tues.	4	12 ·74	14 ·09	25
25	Mon.	6	9 ·23	3 ·18	23	23	Sat.	6	11 ·00 / 12 ·91	10 ·68	25	23	Wed.	5	13 ·65	15 ·02 / 16 ·98	26
26	Tues.	7	10 ·23	4 ·20	24												
27	Wed.	8	11 ·20	5 ·21	25	24	Sun.	7	13 ·82	11 ·61	26	24	Thur.	6	14 ·58	17 ·94	27
28	Thur.	9	12 ·16	6 ·19	26	25	Mon.	8	14 ·72	12 ·54	27	25	Fri.	7	A ·53	18 ·91	28
29	Fri.	10	13 ·10	7 ·16	27	26	Tues.	9	A ·62	13 ·48	28	26	Sat.	8	1 ·49	19 ·90	29
30	Sat.	11	14 ·02 / A ·94	8 ·11	28	27	Wed.	10	1 ·52	14 ·41	29	27	Sun.	9	2 ·47	20 ·91	1
						28	Thur.	11	2 ·44	15 ·35	1	28	Mon.	10	3 ·47	21 ·94	2
31	Sun.	12	1 ·84	9 ·07	29	29	Fri.	12	3 ·36	16 ·30	2	29	Tues.	11	4 ·50	... ...	3
32	Mon.	13	2 ·74	10 ·00 / 11 ·93	1	30	Sat.	13	4 ·30	17 ·27	3	1	Wed.	12	5 ·54	22 ·00	4
1	Tues.	14	3 ·64	12 ·86	2	1	Sun.	14	5 ·26	18 ·26	4	2	Thur.	13	6 ·60	23 ·07	5
2	Wed.	15	4 ·54	13 ·79	3	2	Mon.	15	6 ·24	19 ·26	5	3	Fri.	14	7 ·68	24 ·16	6
3	Thur.	16	5 ·44	14 ·73	4	3	Tues.	16	7 ·23	20 ·28	6	4	Sat.	15	8 ·77	25 ·26	7
4	Fri.	17	6 ·35	15 ·68	5	4	Wed.	17	8 ·25	21 ·32	7	5	Sun.	16	9 ·86	26 ·36	8
5	Sat.	18	7 ·27	16 ·64	6	5	Thur.	18	9 ·29	22 ·38	8	6	Mon.	17	10 ·94	27 ·48	9
6	Sun.	19	8 ·21	17 ·61	7	6	Fri.	19	10 ·34	23 ·47	9	7	Tues.	18	... ...	1 ·58	10
7	Mon.	20	9 ·16	18 ·60	8	7	Sat.	20	11 ·41	24 ·56	10	8	Wed.	19	11 ·01	2 ·67	11
8	Tues.	21	10 ·14	19 ·61	9	8	Sun.	21	12 ·50	25 ·66	11	9	Thur.	20	12 ·07	3 ·73	12
9	Wed.	22	11 ·14	20 ·65	10	9	Mon.	22	13 ·59	26 ·77	12	10	Fri.	21	13 ·11	4 ·78	13
10	Thur.	23	12 ·15	21 ·70	11	10	Tues.	23	14 ·68	27 ·87	13	11	Sat.	22	14 ·13	5 ·82	14
11	Fri.	24	13 ·18	22 ·77	12	11	Wed	24	P ·76	1 ·98	14	12	Sun.	23	P ·13	6 ·83	15
12	Sat.	25	14 ·24	23 ·85	13	12	Thur.	25	1 ·81	... ...	15	13	Mon.	24	1 ·10	7 ·82	16
13	Sun.	26	P ·31	24 ·95	14	13	Fri.	26	2 ·84	2 ·05	16	14	Tues.	25	2 ·06	8 ·79	17
14	Mon.	27	1 ·39	... ...	15	14	Sat.	27	3 ·86	3 ·11	17	15	Wed.	26	3 ·01 / 4 ·94	9 ·75	18
15	Tues.	28	2 ·48	25 ·07	16	15	Sun.	28	4 ·86	4 ·15	18						
16	Wed.	29	3 ·56	26 ·17	17	16	Mon.	29	5 ·85	5 ·17	19	16	Thur.	27	5 ·86	10 ·70	19
17	Thur.	30	4 ·63	27 ·27	18	17	Tues.	30	6 ·81	6 ·17	20	17	Fri.	28	6 ·76	11 ·63	20
18	Fri.	31	5 ·69	1 ·36	19	18	Wed.	31	7 ·76	7 ·16	21	18	Sat.	29	7 ·66	12 ·56	21
												19	Sun.	30	8 ·56	13 ·49	22
												20	Mon.	31	9 ·47	14 ·42	23

Kālayukta. **Karkataka—Āḍi.** *Bahula.* **Āshāḍha.** *Sukla.* **Śrāvaṇa.** *Bahula.* **Adhika Śrāvaṇa.** *Sukla.* **Nija Śrāvaṇa.** *Bahula.* **Bhādrapada.** *Sukla.* **Āśvina.** *Bahula.* **Kanyā—Puraṭṭāsi.** *Kālayukta.* **Tulā—Aippasi.** *Kālayukta.* **Vṛiśchika—Kārttigai.** *Kālayukta.* **Dhanus—Mārgaḷi.** *Kālayukta.* **Makara—Tai.** *Bahula.* **Kārttika.** *Sukla.* **Mārgaśirsha.** *Sukla.* **Pausha.** *Bahula.* **Siṃha—Āvaṇi.** *Kālayukta.* *H.* 1213 *Rabī-ul awwal.* *H.* 1213 *Jamādā'l awwal.* *H.* 1213 *Rajab.* *H.* 1213 *Ramzān.* *H.* 1213 *Rabī-ul ākhir.* *H.* 1213 *Jamādā'l ākhir.* *H.* 1213 *Safar.*

13. Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mūla. 20. P. Ash. 21. U. Ash. 22. Srav. 23. Dhani. 24. Satab.

A.D. 1799. **Mēsha Sankrānti.** (Commencement of Indian Sidereal year.)
Solar Eclipse. ● (Surya Sid.) April 10·49. **Śaka 1721.** **Kaliyuga 4900.**
Lunar Eclipse. ○ (Arya Sid.) April 10·39. **(S. Cycle) Siddhārtin.**

SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.			SOLAR reckoning.			LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.		Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
		Jan.						**March.**						**May.**			
21	Tues.	1	10 ·38	15 ·36	24	21	Fri.	1	10 ·40	20 ·88	24	22	Wed.	1	12 ·70	26 ·87	26
22	Wed.	2	11 ·30	16 ·31	25	22	Sat.	2	11 ·38	21 ·89	25	23	Thur.	2	13 ·80	27 ·97	27
23	Thur.	3	12 ·23	17 ·27	26	23	Sun.	3	12 ·37	22 ·93	26	24	Fri.	3	14 ·88	... ...	28
24	Fri.	4	13 ·17	18 ·24	27	24	Mon.	4	13 ·40	23 ·99	27	25	Sat.	●4	—A ·95	1 ·09	29
25	Sat.	5	14 ·13	19 ·22	28	25	Tues.	5	14 ·45	... ...	28	26	Sun.	5	... ...	2 ·19	—30
26	Sun.	6	—A ·12	20 ·23	29	26	Wed.	6	—A ·51	24 ·07	29	27	Mon.	6	1 ·01	3 ·27	1
27	Mon.	7	1 ·12	21 ·26	—30	27	Thur.	7	1 ·59	25 ·17	—30	28	Tues.	7	2 ·06	4 ·35	2
28	Tues.	8	2 ·14	22 ·31	1	28	Fri.	8	2 ·68	26 ·27	1	29	Wed.	8	3 ·09	5 ·40	3
29	Wed.	9	3 ·19	23 ·38	2	29	Sat.	9	3 ·77	27 ·37	2	30	Thur.	9	4 ·10	6 ·44	4
—30	Thur.	10	4 ·25	24 ·46	3	— 30	Sun.	10	4 ·85	1 ·48	3	—31	Fri.	10	5 ·09	7 ·45	5
1	Fri.	11	5 ·33	25 ·56	4	1	Mon.	11	5 ·94	2 ·58	4	1	Sat.	11	6 ·06	8 ·44	6
2	Sat.	12	6 ·42	26 ·67	5	2	Tues.	12	6 ·96	3 ·67	5	2	Sun.	12	7 ·01		
3	Sun.	13	7 ·51	27 ·78	6	3	Wed.	13	... ...	4 ·73	6				8 ·95	9 ·41	7
4	Mon.	14	8 ·59	1 ·88	7	4	Thur.	14	7 ·00	5 ·77	7	3	Mon.	13	9 ·87	10 ·37	8
5	Tues.	15	9 ·66	2 ·98	8	5	Fri.	15	8 ·01	6 ·79	8	4	Tues.	14	10 ·78	11 ·33	9
6	Wed.	16	10 ·72	... ...	9	6	Sat.	16	9 ·00	7 ·79	9	5	Wed.	15	11 ·68	12 ·27	10
7	Thur.	17	11 ·76	3 ·05	10				10 ·97			6	Thur.	16	12 ·58	13 ·20	11
8	Fri.	18	12 ·77	4 ·11	11	7	Sun.	17	11 ·93	8 ·79	10	7	Fri.	17	13 ·48	14 ·13	12
9	Sat.	19	13 ·77	5 ·14	12	8	Mon.	18	12 ·87	9 ·75	11	8	Sat.	18	14 ·38	15 ·06	13
10	Sun.	20	14 ·75	6 ·15	13	9	Tues.	19	13 ·80	10 ·70	12					16 ·00	
11	Mon.	21	P ·71	7 ·14	14	10	Wed.	20	14 ·71	11 ·65	13	9	Sun.	19	P ·28	17 ·94	14
12	Tues.	22	1 ·65	8 ·12	15	11	Thur.	21	P ·61	12 ·58	14	10	Mon.	20	1 ·20	18 ·90	15
13	Wed.	23	2 ·58	9 ·09	16	12	Fri.	22	1 ·51	13 ·52	15	11	Tues.	21	2 ·13	19 ·86	16
				10 ·03		13	Sat.	23	2 ·41	14 ·45	16	12	Wed.	22	3 ·07	20 ·85	17
14	Thur.	24	3 ·49	11 ·97	17	14	Sun.	24	3 ·31	15 ·38	17	13	Thur.	23	4 ·03	21 ·85	18
15	Fri.	25	4 ·40	12 ·90	18	15	Mon.	25	4 ·22	16 ·32	18	14	Fri.	24	5 ·00	22 ·88	19
16	Sat.	26	5 ·30	13 ·83	19	16	Tues.	26	5 ·14	17 ·27	19	15	Sat.	25	6 ·00	23 ·92	20
17	Sun.	27	6 ·20	14 ·76	20	17	Wed.	27	6 ·07	18 ·23	20	16	Sun.	26	7 ·02	24 ·99	21
18	Mon.	28	7 ·10	15 ·71	21				7 ·01			17	Mon.	27	8 ·07	... ...	22
19	Tues.	29	8 ·01	16 ·65	22	18	Thur.	28	8 ·97	19 ·21	21	18	Tues.	28	9 ·13	25 ·07	23
			9 ·93			19	Fri.	29	9 ·96	20 ·20	22	19	Wed.	29	10 ·20	26 ·16	24
20	Wed.	30	10 ·87	17 ·60	23	20	Sat.	30	10 ·96	21 ·21	23	20	Thur.	30	11 ·28	27 ·27	25
21	Thur.	31	11 ·82	18 ·57	24	21	Sun.	31	11 ·99	22 ·24	24	21	Fri.	31	12 ·36	1 ·38	26
		Feb.						**April.**						**June.**			
22	Fri.	1	12 ·78	19 ·55	25	22	Mon.	1	... ...	23 ·31	25	22	Sat.	1	13 ·44	2 ·49	27
23	Sat.	2	13 ·75	20 ·56	26	23	Tues.	2	12 ·03	24 ·38	26	23	Sun.	2	14 ·50	3 ·58	28
24	Sun.	3	14 ·76	21 ·58	27	24	Wed.	3	13 ·09	25 ·47	27	24	Mon.	3	—A ·55	4 ·65	29
25	Mon.	4	—A ·79	22 ·62	28	25	Thur.	4	14 ·17	26 ·57	28	25	Tues.	4	1 ·58	5 ·72	—30
26	Tues.	5	1 ·84	23 ·68	—29	26	Fri.	5	—A ·25	27 ·67	—29	26	Wed.	5	2 ·59	6 ·76	1
27	Wed.	6	2 ·90	24 ·76	1	27	Sat.	6	1 ·35	1 ·78	1	27	Thur.	6	3 ·59	7 ·77	2
28	Thur.	7	3 ·98	25 ·87	2	28	Sun.	7	2 ·43	2 ·89	2	28	Fri.	7	4 ·56	8 ·77	3
—29	Fri.	8	... ...	26 ·97	3	29	Mon.	8	3 ·49	3 ·97	3	29	Sat.	8	5 ·51	9 ·74	4
1	Sat.	9	4 ·06	... ...	4	—30	Tues.	9	4 ·54	... ...	4	30	Sun.	9	6 ·44	10 ·72	5
2	Sun.	10	5 ·15	27 ·08	5	1	Wed.	10	5 ·57	4 ·04	5	31	Mon.	10	7 ·36	11 ·66	6
3	Mon.	11	6 ·23	1 ·18	6	2	Thur.	11	6 ·57	5 ·08	6	—32	Tues.	11	8 ·27	12 ·60	7
4	Tues.	12	7 ·31	2 ·27	7	3	Fri.	12	7 ·56	6 ·11	7	1	Wed.	12	9 ·17	13 ·54	8
5	Wed.	13	8 ·37	3 ·36	8	4	Sat.	13	8 ·53	7 ·13	8	2	Thur.	13	10 ·07	14 ·47	9
6	Thur.	14	9 ·40	4 ·42	9	5	Sun.	14	9 ·48	8 ·11	9				11 ·97		
7	Fri.	15	10 ·41	5 ·45	10	6	Mon.	15	10 ·42	9 ·08	10	3	Fri.	14	12 ·87	15 ·39	10
8	Sat.	16	11 ·40	6 ·47	11					10 ·04		4	Sat.	15	13 ·78	16 ·34	11
9	Sun.	17	12 ·38	7 ·47	12	7	Tues.	16	11 ·35	11 ·98		5	Sun.	16	14 ·69	17 ·28	12
10	Mon.	18	13 ·33	8 ·45	13	8	Wed.	17	12 ·26	12 ·93	12	6	Mon.	17	P ·61	18 ·23	13
11	Tues.	19	14 ·27	9 ·42	14	9	Thur.	18	13 ·16	13 ·86	13	7	Tues.	18	1 ·55	19 ·19	14
12	Wed.	20	P ·20	10 ·37	15	10	Fri.	19	14 ·06	14 ·79	14	8	Wed.	19	2 ·51	20 ·17	15
13	Thur.	21	1 ·11	11 ·31	16				P ·96			9	Thur.	20	3 ·49	21 ·18	16
			2 ·02			11	Sat.	20	1 ·86	15 ·72	15	10	Fri.	21	4 ·48	22 ·20	17
14	Fri.	22	2 ·92	12 ·24	17	12	Sun.	21	2 ·76	16 ·65	16	11	Sat.	22	5 ·50	23 ·23	18
15	Sat.	23	3 ·82	13 ·17	18	13	Mon.	22	3 ·68	17 ·61	17	12	Sun.	23	6 ·55	24 ·29	19
16	Sun.	24	4 ·72	14 ·11	19	14	Tues.	23	4 ·61	18 ·57	18	13	Mon.	24	7 ·61	25 ·37	20
				15 ·04		15	Wed.	24	5 ·55	19 ·53	19	14	Tues.	25	8 ·68	26 ·47	21
17	Mon.	25	6 ·63	16 ·97	20	16	Thur.	25	6 ·52	20 ·52	20	15	Wed.	26	9 ·76	27 ·58	22
18	Tues.	26	7 ·54	17 ·93	21	17	Fri.	26	7 ·50	21 ·53	21	16	Thur.	27	10 ·84	1 ·68	23
19	Wed.	27	8 ·47	18 ·89	22	18	Sat.	27	8 ·49	22 ·56	22	17	Fri.	28	11 ·92	2 ·79	24
20	Thur.	28	9 ·43	19 ·88	23	19	Sun.	28	9 ·52	23 ·61	23	18	Sat.	29	12 ·98	3 ·88	25
						20	Mon.	29	10 ·56	24 ·68	24	19	Sun.	30	... ...	4 ·97	26
						21	Tues.	30	11 ·62	25 ·77	25						

Kālayukta. **Makara—Tai.** *Śaka* **Pausha.** *Bahula.* *H.* 1213 *Sha'bān.*
Kālayukta. **Kumbha—Māśi.** *Śukla.* **Māgha.** *Bahula.* *H.* 1213 *Ramazān.*
Kālayukta. **Mīna—Pāngguni.** *Śukla.* **Phālguna.** *Bahula.* *H.* 1213 *Shawwāl.*
Siddhārtin. **Mēsha—Chittirai.** *Śukla.* **Chaitra.** *Bahula.* *H.* 1213 *Zi-l-ka'da.*
Siddhārtin. **Mithuna—Āni.** *Śukla.* **Jyeshṭha.** *Bahula.* *H.* 1214 *Muharram.*
Siddhārtin. **Vrishabha—Vaigāśi.** *Bahula.* *H.* 1213 *Zi-l-hijja.*

Naksh:—1. Aśvin. 2. Bhar. 3. Kṛit. 4. Rohi. 5. Mṛig. 6. Ardrā. 7. Punar. 8. Push. 9. Aślesh. 10. Magh. 11. P. Phal. 12. U. Ph
25. P. Bhad. 26. U. Bhad. 27. Rev.

A.D. 1799. **Kollam 975.** { **N. Malabar—Sep.** **Hijra 1214.** **Vikrama 1856.**
A—Amāvāsyā. Commences { **S. Malabar—Aug.** Commences **June 5.** **Bengal San. 1205.**
P—Paurnimā. **(N. Cycle) Pramoda.**

SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.			SOLAR reckoning.		LUNAR reckoning.		
Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.	Cyclic sidereal year, month and day.	Week-day, English month and day.	Tithi ending Moment.	Nakshatra ending Moment.	Muhammadan year, month and day.
	July.					**Sep.**					**Nov.**			
20	Mon. 1	13 ·03	... ...	27	19	Sun. 1	2 ·76	12 ·61	—30	19	Fri. 1	4 ·32	19 ·86	2
21	Tues. 2	14 ·06	5 ·03	28	20	Mon. 2	3 ·66	13 ·56	1	20	Sat. 2	5 ·24	20 ·82	3
22	Wed. 3	—**A** ·08	6 ·07	29	21	Tues. 3	4 ·56	14 ·49	2	21	Sun. 3	6 ·18	21 ·79	4
23	Thur. 4	1 ·07	7 ·09	—30	22	Wed. 4	5 ·46	15 ·42	3	22	Mon. 4	7 ·15	22 ·80	5
24	Fri. 5	2 ·04 3 ·99	8 ·09	1	23	Thur. 5	6 ·36	16 ·35	4	23	Tues. 5	8 ·13	23 ·81	6
25	Sat. 6	4 ·92	9 ·08	2	24	Fri. 6	7 ·26	17 ·29	5	24	Wed. 6	9 ·13	24 ·85	7
26	Sun. 7	5 ·84	10 ·05	3	25	Sat. 7	8 ·18	18 ·24	6	25	Thur. 7	10 ·15	25 ·90	8
27	Mon. 8	6 ·75	11 ·00 12 ·94	4	26	Sun. 8	9 ·11	19 ·19	7	26	Fri. 8	11 ·19	26 ·98	9
28	Tues. 9	7 ·65	13 ·87	5	27	Mon. 9	10 ·05	20 ·16	8	27	Sat. 9	12 ·25	... ...	10
29	Wed. 10	8 ·55	14 ·80	6	28	Tues. 10	11 ·00 12 ·98	21 ·14	9	28	Sun. 10	13 ·33	27 ·08	11
30	Thur. 11	9 ·45	15 ·74	7	29	Wed. 11	13 ·97	22 ·15	10	29	Mon. 11	14 ·42	1 ·18	12
—31	Fri. 12	10 ·35	16 ·67	8	30	Thur. 12	14 ·99	23 ·18	11	—30	Tues. 12	**P** ·51	2 ·29	13
1	Sat. 13	11 ·26	17 ·61	9	—31	Fri. 13	... ...	24 ·23	12	1	Wed. 13	1 ·59	3 ·39	14
2	Sun. 14	12 ·18	18 ·56	10	1	Sat. 14	**P** ·03	25 ·29	13	2	Thur. 14	2 ·66	4 ·49	15
3	Mon. 15	13 ·11	19 ·52	11	2	Sun. 15	1 ·09	26 ·38	14	3	Fri. 15	3 ·72	5 ·58	16
4	Tues. 16	14 ·04 **P** ·99	20 ·51	12	3	Mon. 16	2 ·16	27 ·47	15	4	Sat. 16	4 ·76	6 ·64	17
5	Wed. 17	1 ·97	21 ·50	13	4	Tues. 17	3 ·24	1 ·58	16	5	Sun. 17	5 ·78	7 ·69	18
6	Thur. 18	2 ·96	22 ·51	14	5	Wed. 18	4 ·32	2 ·69	17	6	Mon. 18	6 ·78	8 ·71	19
7	Fri. 19	3 ·98	23 ·55	15	6	Thur. 19	5 ·40	3 ·79	18	7	Tues. 19	7 ·75	9 ·71	20
8	Sat. 20	... ...	24 ·60	16	7	Fri. 20	6 ·47	4 ·88	19	8	Wed. 20	8 ·71	10 ·71	21
9	Sun. 21	4 ·02	25 ·68	17	8	Sat. 21	7 ·53	5 ·96	20	9	Thur. 21	9 ·65	11 ·68	22
10	Mon. 22	5 ·07	26 ·77	18	9	Sun. 22	8 ·57	... ...	21	10	Fri. 22	10 ·58	12 ·63	23
11	Tues. 23	6 ·14	27 ·87	19	10	Mon. 23	9 ·58	6 ·01	22	11	Sat. 23	11 ·50	13 ·57	24
12	Wed. 24	7 ·22	1 ·98	20	11	Tues. 24	10 ·58	7 ·06	23	12	Sun. 24	12 ·41	14 ·51	25
13	Thur. 25	8 ·31	... ...	21	12	Wed. 25	11 ·56	8 ·07	24	13	Mon. 25	13 ·31	15 ·44	26
14	Fri. 26	9 ·39	2 ·09	22	13	Thur. 26	12 ·52	9 ·06	25	14	Tues. 26	14 ·21	16 ·38	27
15	Sat. 27	10 ·45	3 ·19	23	14	Fri. 27	13 ·46	10 ·04 11 ·00	26	15	Wed. 27	—**A** ·11	17 ·31	28
16	Sun. 28	11 ·50	4 ·28	24	15	Sat. 28	14 ·38	12 ·96	27	16	Thur. 28	1 ·02 2 ·94	18 ·24	—29
17	Mon. 29	12 ·54	5 ·34	25	16	Sun. 29	—**A** ·30	13 ·90	28	17	Fri. 29	3 ·87	19 ·19	1
18	Tues. 30	13 ·56	6 ·39	26	17	Mon. 30	1 ·21	14 ·83	—29	18	Sat. 30	4 ·81	20 ·15	2
19	Wed. 31	14 ·54	7 ·41	27										
	Aug.					**Oct.**					**Dec.**			
20	Thur. 1	—**A** ·51	8 ·42	28	18	Tues. 1	2 ·11	15 ·76	1	19	Sun. 1	5 ·77	21 ·13	3
21	Fri. 2	1 ·47	9 ·41	—29	19	Wed. 2	3 ·01 4 ·91	16 ·69	2	20	Mon. 2	6 ·75	22 ·12	4
22	Sat. 3	2 ·41	10 ·38	1	20	Thur. 3	5 ·81	17 ·63	3	21	Tues. 3	7 ·76	23 ·13	5
23	Sun. 4	3 ·33	11 ·33	2	21	Fri. 4	6 ·73	18 ·57	4	22	Wed. 4	8 ·78	24 ·16	6
24	Mon. 5	4 ·24	12 ·28	3	22	Sat. 5	7 ·66	19 ·52	5	23	Thur. 5	9 ·83	25 ·21	7
25	Tues. 6	5 ·15	13 ·21	4	23	Sun. 6	8 ·60	20 ·49	6	24	Fri. 6	10 ·89	26 ·29	8
26	Wed. 7	6 ·05 7 ·95	14 ·15	5	24	Mon. 7	9 ·56	21 ·47	7	25	Sat. 7	11 ·97	27 ·38	9
27	Thur. 8	8 ·85	15 ·08	6	25	Tues. 8	10 ·54	22 ·48	8	26	Sun. 8	... ...	1 ·48	10
28	Fri. 9	9 ·75	16 ·01 17 ·95	7	26	Wed. 9	11 ·54	23 ·50	9	27	Mon. 9	12 ·05	2 ·59	11
29	Sat. 10	10 ·66	18 ·89	8	27	Thur. 10	12 ·55	24 ·54	10	28	Tues. 10	13 ·14	3 ·69	12
30	Sun. 11	11 ·59	19 ·85	9	28	Fri. 11	13 ·59	25 ·60	11	29	Wed. 11	14 ·23	4 ·80	13
31	Mon. 12	12 ·53	20 ·83	10	—30	Sun. 13	**P** ·72	27 ·77	13	—30	Thur. 12	**P** ·30	5 ·89	14
—32	Tues. 13	13 ·48	21 ·82	11	1	Mon. 14	1 ·80	1 ·88	14	1	Fri. 13	1 ·36	6 ·95	15
1	Wed. 14	14 ·46	22 ·83	12	2	Tues. 15	2 ·89	2 ·99	15	2	Sat. 14	2 ·40	... ...	16
2	Thur. 15	**P** ·45	23 ·86	13	3	Wed. 16	3 ·98	... ...	16	3	Sun. 15	3 ·43	7 ·00	17
3	Fri. 16	1 ·47	24 ·92	14	4	Thur. 17	... ...	3 ·09	17	4	Mon. 16	4 ·42	8 ·03	18
4	Sat. 17	2 ·51	25 ·99	15	5	Fri. 18	4 ·05	4 ·19	18	5	Tues. 17	5 ·39	9 ·05	19
5	Sun. 18	3 ·57	... ...	16	6	Sat. 19	5 ·10	5 ·27	19	6	Wed. 18	6 ·34	10 ·04	20
6	Mon. 19	4 ·64	26 ·07	17	7	Sun. 20	6 ·14	6 ·39	20	7	Thur. 19	7 ·28	11 ·01 12 ·96	21
7	Tues. 20	5 ·72	27 ·17	18	8	Mon. 21	7 ·16	7 ·37	21	8	Fri. 20	8 ·21	13 ·91	22
8	Wed. 21	6 ·81	1 ·28	19	9	Tues. 22	8 ·17	8 ·39	22	9	Sat. 21	9 ·13	14 ·84	23
9	Thur. 22	7 ·89	2 ·39	20	10	Wed. 23	9 ·14	9 ·39	23	10	Sun. 22	10 ·04 11 ·94	15 ·78	24
10	Fri. 23	8 ·95	3 ·49	21	11	Thur. 24	10 ·10	10 ·37	24	11	Mon. 23	12 ·84	16 ·71	25
11	Sat. 24	... ...	4 ·58	22	12	Fri 25	11 ·04 12 ·96	11 ·34	25	12	Tues. 24	13 ·74	17 ·64	26
12	Sun. 25	9 ·00	5 ·65	23						13	Wed. 25	14 ·65	18 ·58	27
13	Mon. 26	10 ·03	6 ·70	24	13	Sat. 26	13 ·88	12 ·29	26	14	Thur. 26	—**A** ·57	19 ·52	28
14	Tues. 27	11 ·05	7 ·73	25	14	Sun. 27	14 ·79	13 ·23	27	15	Fri. 27	1 ·50	20 ·49	29
15	Wed. 28	12 ·05	8 ·75	26	15	Mon. 28	—**A** ·69	14 ·17	28	16	Sat. 28	2 ·45	21 ·46	—30
16	Thur. 29	13 ·03 14 ·98	9 ·74	27	16	Tues. 29	1 ·59	15 ·10 16 ·04	29	17	Sun. 29	3 ·42	22 ·44	1
17	Fri. 30	—**A** ·92	10 ·71	28	17	Wed. 30	2 ·50	17 ·97	—30	18	Mon. 30	4 ·41	23 ·45	2
18	Sat. 31	1 ·85	11 ·67	29	18	Thur. 31	3 ·41	18 ·91	1	19	Tues. 31	5 ·41	24 ·47	3

Siddhārtin. **Karkataka—Ādi.** *Śukla.* **Āshāḍha.** *Bahula.* *H.* 1214 *Śafar.* *Siddhārtin.* **Kanyā—Purattāsi.** *Śukla.* **Bhādrapada.** *Bahula.* *H.* 1214 *Rabi-ul ākhir.* *Siddhārtin.* **Vṛiśchika—Kārttigai.** *Śukla.* **Kārttika.** *Bahula.* *H.* 1214 *Jamādā'l ākhir.*

Siddhārtin. **Simha—Āvaṇi.** *Bahula.* **Śrāvaṇa.** *Śukla.* *H* 1214 *Rabi-ul awwal.* *Siddhārtin.* **Tulā—Aippasi.** *Śukla.* **Āśvina.** *Bahula.* *H.* 1214 *Jamādā'l awwal.* *Siddhārtin.* **Dhanus—Mārgali.** *Śukla.* **Mārgaśīrsha.** *Bahula.* *H.* 1214 *Rajab.*

13 Hasta. 14. Chit. 15. Svāti. 16. Viśāk. 17. Anur. 18. Jyesh. 19. Mula. 20. P. Ash. 21. U. Ash. 22. Śrav. 23. Dhani. 24. Śatab.

AN INDIAN EPHEMERIS

A.D. 700—A.D. 1799

BOOK-MARKER.

Decimals of a day.	Ghatikas.	Hours and minutes.	Decimals of a day.	Ghatikas.	Hours and minutes.
		H. M.			H. M.
·00	0	0 0	·50	30	12 0
·01	0½	0 15	·51	30½	12 15
·02	1	0 30	·52	31	12 30
·03	2	0 45	·53	32	12 45
·04	2½	1 0	·54	32½	13 0
·05	3	1 15	·55	33	13 15
·06	3½	1 30	·56	33½	13 30
·07	4	1 45	·57	34	13 45
·08	5	2 0	·58	35	14 0
·09	5½	2 10	·59	35½	14 10
·10	6	2 30	·60	36	14 30
·11	6½	2 40	·61	36½	14 40
·12	7	2 50	·62	37	14 50
·13	8	3 10	·63	38	15 10
·14	8½	3 20	·64	38½	15 20
·15	9	3 35	·65	39	15 35
·16	9½	3 50	·66	39½	15 50
·17	10	4 5	·67	40	16 5
·18	11	4 20	·68	41	16 20
·19	11½	4 30	·69	41½	16 30
·20	12	4 45	·70	42	16 45
·21	12½	5 0	·71	42½	17 0
·22	13	5 20	·72	43	17 20
·23	14	5 30	·73	44	17 30
·24	14½	5 45	·74	44½	17 45
·25	15	6 0	·75	45	18 0
·26	15½	6 15	·76	45½	18 15
·27	16	6 30	·77	46	18 30
·28	17	6 45	·78	47	18 45
·29	17½	7 0	·79	47½	19 0
·30	18	7 10	·80	48	19 10
·31	18½	7 30	·81	48½	19 30
·32	19	7 40	·82	49	19 40
·33	20	8 0	·83	50	20 0
·34	20½	8 10	·84	50½	20 10
·35	21	8 25	·85	51	20 25
·36	21½	8 40	·86	51½	20 40
·37	22	8 50	·87	52	20 50
·38	23	9 10	·88	53	21 10
·39	23½	9 20	·89	53½	21 20
40	24	9 35	·90	54	21 35
41	24½	9 50	·91	54½	21 50
42	25	10 0	·92	55	22 0
43	26	10 20	·93	56	22 20
44	26½	10 30	·94	56½	22 30
45	27	10 45	·95	57	22 45
·46	27½	11 0	·96	57½	23 0
·47	28	11 20	·97	58	23 20
48	29	11 30	·98	59	23 30
49	29½	11 45	·99	59½	23 45

TABLE I.—ORDER AND NAMES OF NAKSHATRAS.

1 Aśvinî (**Tam.** Asuvati)
2 Bharaṇî
3 Kṛittikâ (**Tam.** Kiruttigai)
4 Rohinî
5 Mṛigaśîra (**Tam.** Mirugasīram)
6 Ârdrâ (**Tam.** Ārudra or Tiruvādirai)
7 Punarvasu (**Tam.** Punarpūsam)
8 Pushya (**Tam.** Pūsam)
9 Âśleshâ (**Tam.** Āyilyam)
10 Maghâ (**Tam.** Magham)
11 Pûrva Phalguṇî (**Tam.** Pūram)
12 Uttara Phalguṇî (**Tam.** Uttiram)
13 Hasta (**Tam.** Hastam, Attam)
14 Chitrâ (**Tam.** Chittirai)
15 Svâti (**Tam.** Sōdi)
16 Viśâkhâ (**Tam.** Viśakam)
17 Anurâdhâ (**Tam.** Anusham, Anilum)
18 Jyeshṭha (**Tam.** Kēṭṭai)
19 Mûla (**Tam.** Mūlam)
20 Pûrva Âshâdhâ (**Tam.** Pūrādam)
21 Uttara Âshâdhâ (**Tam.** Uttiraḍam)
21-A Abhijit
22 Śravaṇa (**Tam.** Tiruvōnam)
23 Śravishṭha or Dhanishṭâ (**Tam.** Aviṭṭam)
24 Satabhisaj or Satatârakâ (**Tam.** Sadayam)
25 Pûrva Bhadrapadâ (**Tam.** Pūraṭṭādi)
26 Uttara Bhadrapadâ (**Tam.** Uttiraṭṭādi)
27 Revatî

TABLES II AND III.—FOR ASCERTAINING MOMENT OF SANKRĀNTI.

The moments of Mesha Sankrānti, according to Sūrya Siddhānta and Ārya Siddhānta, are given in the headlines of this ephemeris. To ascertain the moment of any other Sankrānti, add to the moment of Mesha Sankrānti for the given year the moment of the required Sankrānti according to table II below. The result will be a certain number of days counted from 1st March or 1st April (according as the year was before or after A.D. 1752). To convert this into the English Calendar date, use the nearest figure in table III below which shows for the 1st of every month the number of days counting from 1st March or 1st April as the first day. *Example:*

Required the moment of Makara Sankrānti (Uttarāyana) for A.D. 999, Ārya Siddhānta.

The ephemeris for A.D. 999 gives, as the moment of Mesha Sankrānti, Ārya Siddhānta, March	23·44
Add from table II for moment of Makara Sankrānti, Ārya Siddhānta (days)	275·65
Total days ...	299·09

This being reckoned from March 1 as the first day is equal, according to table III, to December 1 + (299·07 − 276) = December 1 + 23·07 = December 24·07 *answer*

TABLE II.—MOMENTS OF COMMENCEMENT OF SANKRĀNTIS.

Rāśis.	Tamil Solar months.	Moment of Sankrānti in days of Solar Year, and decimals of a day.	
		Sūrya Sid. Days.	Ārya Sid. Days.
Mesha ...	**Chittirai** ...	0·0	0·0
Vrishabha ...	**Vaigasi** ...	30·93	30·92
Mithunam ...	**Ani** ...	62·36	62·33
Karkadam ...	**Adi** ...	94·00	93·93
Simham ..	**Avani** ...	125·48	125·40
Kanni ...	**Purattasi** .	156·49	156·44
Tulam ...	**Aippasi** ...	186·94	186·89
Vrischikam ..	**Karttigai** ...	216·83	216·79
Dhanus	**Margali** ...	246·32	246·30
Makaram ...	**Tai** ..	275·64	275·65
Kumbham ...	**Masi** ...	305·08	305·11
Minam ...	**Panguni** ...	334·90	334·92
		365·26	365·26

TABLE III.—DAYS OF THE ENGLISH CALENDAR YEAR, RECKONED CUMULATIVELY FROM MARCH 1 AND APRIL 1 RESPECTIVELY.

	From March 1.	From April 1.
March 1	1	...
April 1	32	1
May 1	62	31
June 1	93	62
July 1	123	92
August 1	154	123
September 1	185	154
October 1	215	184
November 1	246	215
December 1	276	245
January 1	307	276
February 1 ...	338	307
March 1		336
Do. Leap year		337

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